

CAPITAL PROJECTS FUND

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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 2020-2024.

Capital improvement projects involve the construction, purchase, or renovation of city facilities or property. Most of the projects are specific, 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. The City also budgets annually recurring project funds for non-specified improvements of a specific nature; these funds are to be spent on improvements that meet the same definition above. 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 2020-2024, the total funding sources are \$168,266,152, and the total expenditures are \$168,095,552. The difference between the total expenditures and the total funding sources over the five-year period is a result of funding sources that are being realized to cover prior year expenditures such as planning and design.

The 2021 CIP expenditures of \$29,513,720 will be certified as part of the fiscal year 2021 operating budget. Budgeted fiscal year 2021 Capital Projects Fund expenditures also include \$26,400 of interest expense payments to the Wastewater Treatment Fund. Total Capital Projects Fund fiscal year 2021 budgeted expenditures are \$29,540,120.

The 2021 CIP funding sources of \$30,003,720 will also be certified as part of the fiscal year 2021 operating budget. Budgeted fiscal year 2021 Capital Projects Fund revenues and transfers in also include State sales tax grant funding of \$1,125,751 and a transfer in from the TIF funds to reimburse for prior year expenditures of \$2,165. Total Capital Projects Fund fiscal year 2020 budgeted revenues and transfer in are \$31,131,636.

The changes to the 2020 CIP are amended into the fiscal year 2020 operating budget. The fiscal year 2020 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 2020 are \$81,861,994; the revised budget includes the 2020 CIP expenditures of \$31,539,422, prior year project carry forwards of \$50,272,712, and internal loan interest payments of \$49,860.

The revised fiscal year 2020 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 2020 are \$47,052,818; the revised budget includes the 2020 CIP funding sources of \$31,010,022, State sales tax grant funding of \$1,805,516, a transfer in from the TIF funds to reimburse for prior year expenditures of \$32,479, and prior year project carry forwards of \$14,204,801.

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. In fiscal year 2018, this was reduced to a 7-year loan due to better align with the anticipated timing of the state sales tax grant revenues. The Capital Projects Fund's expenditures include interest expense paid to the Wastewater Treatment Fund of \$49,860 and \$26,400 for years 2020 and 2021, respectively. The Capital Project Fund budget also includes principal repayments, shown as transfers out, budgeted at \$1,750,000 for 2020 and \$1,375,000 for 2021; and state sales tax grant revenues budgeted at \$1,805,516 and \$1,125,751 for years 2020, and 2021, 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 2021 is \$1,340,363.

Capital Projects Fund Fund Summary

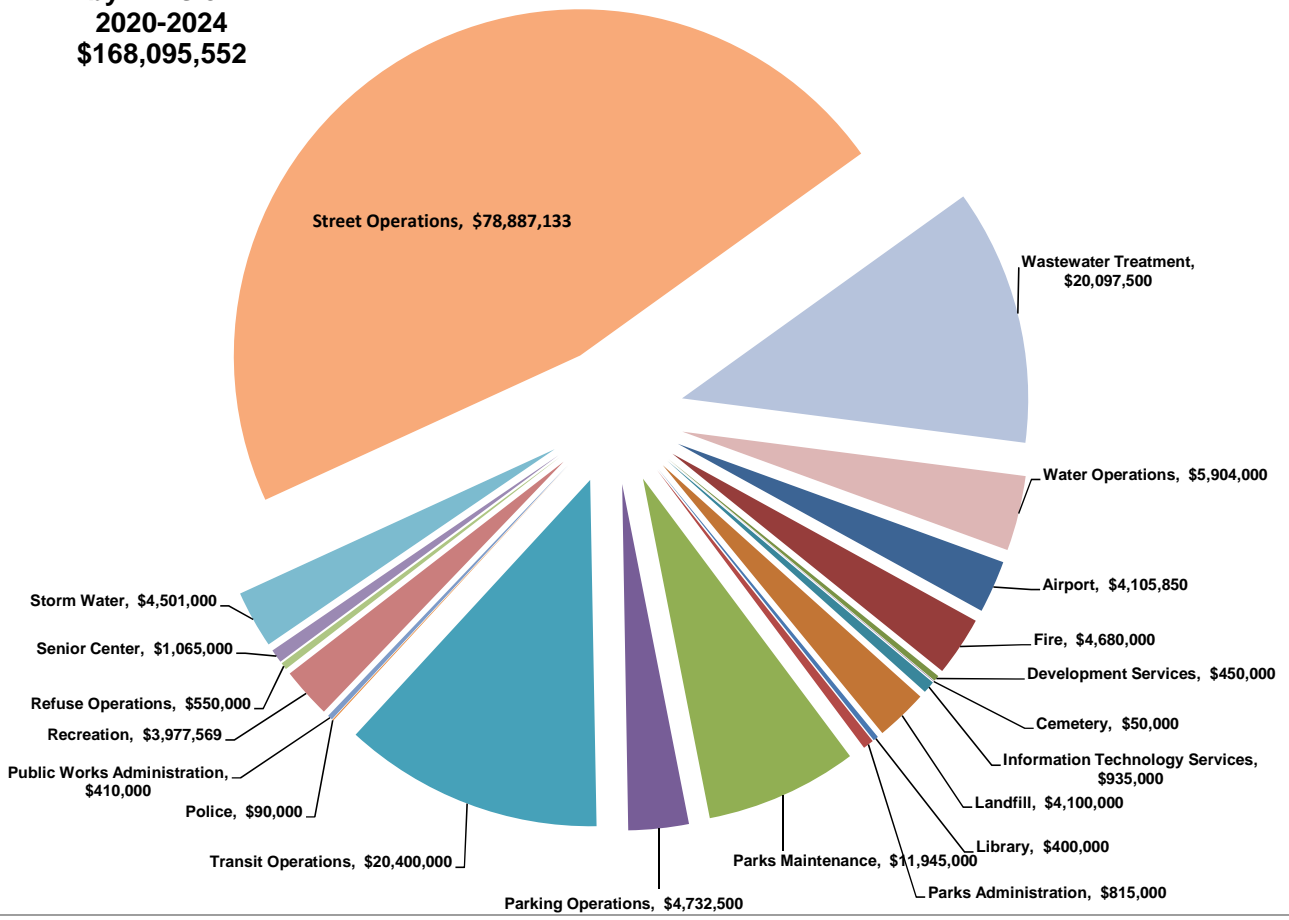
	2017 Actual	2018 Actual	2019 Actual	2020 Revised	2021 Budget	2022 Projected
Fund Balance, July 1	\$ 32,266,210	\$ 56,728,217	\$ 51,478,203	\$ 37,683,023	\$ 1,123,847	\$ 1,340,363
Revenues:						
Use Of Money And Property						
Interest Revenues	\$ 167,597	\$ 547,585	\$ 745,132	\$ -	\$ -	\$ -
Intergovernmental						
Fed Intergovnt Rev	448,233	57,993	347,216	6,091,323	3,724,885	16,427,500
Disaster Assistance	155,015	71,512	-	-	-	-
Other State Grants	11,575,849	1,802,896	2,723,823	8,453,397	2,611,751	-
State 28E Agreements	88,619	92,330	161,848	229,000	12,000	260,000
Local 28E Agreements	361,401	25,000	25,000	4,000,000	1,600,000	-
Charges of Fees & Services						
Development Fees	232,345	-	63,645	-	-	-
Miscellaneous						
Contrib & Donations	275,000	94,542	10,000	305,000	-	-
Printed Materials	1,380	1,245	4,360	-	-	-
Other Misc Revenue	1,071,969	51,515	27,002	(157,725)	-	-
Other Financial Sources						
Sale Of Assets	2,023,694	-	-	1,000,000	-	-
Debt Sales	22,597,543	12,157,105	12,565,848	11,972,340	11,871,140	11,935,000
Internal Service (Non-Budgetary):						
ITS Fund	174	-	-	-	-	-
Sub-Total Revenues	38,998,819	14,901,722	16,673,874	31,893,335	19,819,776	28,622,500
Transfers In:						
Transfers-In from Governmental Funds	17,390,327	14,286,521	6,987,195	5,358,111	4,080,635	3,795,470
Transfers-In from Enterprise Funds	5,242,774	10,030,558	9,138,147	9,762,200	7,231,225	10,104,500
Transfers-In from G.O. Bonds	(154,269)	(21,242)	-	-	-	-
Misc Transfers-In	210,625	1,380	107,684	39,172	-	-
Internal Service (Non-Budgetary):						
ITS Fund	(5,318)	-	-	-	-	-
Sub-Total Transfers In	22,684,139	24,297,217	16,233,026	15,159,483	11,311,860	13,899,970
Total Revenues & Transfers In	\$ 61,682,958	\$ 39,198,939	\$ 32,906,900	\$ 47,052,818	\$ 31,131,636	\$ 42,522,470
Expenditures:						
Governmental:						
General Government	\$ 184,873	\$ 554,521	\$ 440,206	\$ 8,302,078.00	\$ 250,000.00	\$ -
Culture & Recreation	1,576,659	4,702,095	8,245,547	10,675,496	1,785,000	5,600,000
Community and Economic Dvlpmnt	2,003,017	5,481,026	8,407,063	248,126	-	-
Public Safety	24,060	59,910	5,026	2,934,834	90,000	1,300,000
Public Works	29,114,198	22,953,497	22,655,067	42,260,318	20,580,470	10,130,470
Enterprise:						
Parking Operations	608,083	544,815	288,825	2,046,415	1,570,000	825,000
Public Transportation	-	6,063	178,752	637,988	150,000	20,000,000
Wastewater Treatment	911,283	5,613,040	2,203,521	7,622,416	1,896,400	2,263,000
Water Operations	219,515	1,460,865	922,313	2,352,092	1,115,000	814,000
Refuse Operations	-	-	-	-	550,000	-
Landfill	1,372,054	1,778,140	1,698,022	1,463,175	130,000	1,345,000
Storm Water	459,705	81,536	226,608	1,956,673	831,000	1,280,000
Airport	87,197	211,578	156,128	1,362,383	592,250	475,000
Internal Service (Non-Budgetary):						
ITS Fund	61,633	-	-	-	-	-
Sub-Total Expenditures	36,622,277	43,447,087	45,427,080	81,861,994	29,540,120	44,032,470
Transfers Out:						
Capital Project Fund	373,674	(20,986)	-	-	-	-
Misc Transfers Out	225,000	1,022,852	1,275,000	1,750,000	1,375,000	-
Sub-Total Transfers Out	598,674	1,001,866	1,275,000	1,750,000	1,375,000	-
Total Expenditures & Transfers Out	\$ 37,220,951	\$ 44,448,953	\$ 46,702,080	\$ 83,611,994	\$ 30,915,120	\$ 44,032,470
Fund Balance, June 30	\$ 56,728,217	\$ 51,478,203	\$ 37,683,023	\$ 1,123,847	\$ 1,340,363	\$ (169,637)

City of Iowa City, Iowa
Capital Improvement Plan 2020-2024
2020 thru **2024**

DIVISION SUMMARY

Category	2020	2021	2022	2023	2024	Total
Airport	618,600	592,250	475,000	1,170,000	1,250,000	4,105,850
Cemetery		50,000				50,000
Development Services	200,000	250,000				450,000
Fire	1,420,000	60,000	1,300,000	1,900,000		4,680,000
Information Technology Services	935,000					935,000
Landfill	1,400,000	130,000	1,345,000	705,000	520,000	4,100,000
Library			400,000			400,000
Parking Operations	1,225,000	1,570,000	825,000	575,000	537,500	4,732,500
Parks Administration	50,000	50,000	405,000	260,000	50,000	815,000
Parks Maintenance	2,065,000	1,215,000	3,305,000	3,060,000	2,300,000	11,945,000
Police		90,000				90,000
Public Works Administration	410,000					410,000
Recreation	977,569	110,000	1,390,000	750,000	750,000	3,977,569
Refuse Operations		550,000				550,000
Senior Center	65,000	300,000	100,000	100,000	500,000	1,065,000
Storm Water	915,000	831,000	1,280,000	385,000	1,090,000	4,501,000
Street Operations	16,143,253	20,580,470	10,130,470	9,760,470	22,272,470	78,887,133
Transit Operations	200,000	150,000	20,000,000	50,000		20,400,000
Wastewater Treatment	3,330,000	1,870,000	2,263,000	11,464,500	1,170,000	20,097,500
Water Operations	1,585,000	1,115,000	814,000	870,000	1,520,000	5,904,000
TOTAL	31,539,422	29,513,720	44,032,470	31,049,970	31,959,970	168,095,552

**Capital Improvement Program
by Division
2020-2024
\$168,095,552**



City of Iowa City, Iowa
Capital Improvement Plan 2020-2024
2020 thru 2024

PROJECTS BY DIVISION

Category	Project #	Priority	2020	2021	2022	2023	2024	Total
Airport								
Airport Parking Lot Expansion	A3447	3		60,000				60,000
Airfield Pavement Rehabilitation	A3461	1	370,700					370,700
Runway 7 Environmental Assessment	A3465	2			150,000			150,000
Runway 7 Extension (213')	A3466	2				1,170,000		1,170,000
Runway 25 Threshold Relocation	A3470	1		460,000				460,000
Runway 12/30 Threshold Displacement/Relocation	A3471	1		72,250	325,000			397,250
Self Serve Fuel Expansion & Kiosk Replacement	A3472	2	247,900					247,900
Airport Apron Expansion	A3473	2					1,250,000	1,250,000
Airport Total			618,600	592,250	475,000	1,170,000	1,250,000	4,105,850
Cemetery								
Cemetery Road Asphalt Overlay	R4145	2		50,000				50,000
Cemetery Total				50,000				50,000
Development Services								
Permitting Software Upgrade	G4720	1	200,000	250,000				450,000
Development Services Total			200,000	250,000				450,000
Fire								
Fire Apparatus Replacement Program	Z4406	1	895,000	60,000	1,300,000	1,900,000		4,155,000
Fire Station #5	Z4407	1	525,000					525,000
Fire Total			1,420,000	60,000	1,300,000	1,900,000		4,680,000
Information Technology Services								
Infrastructure Asset Management	G4724	3	760,000					760,000
Citywide Building Card Access System	G4725	3	175,000					175,000
Information Technology Services Total			935,000					935,000
Landfill								
Landfill Equipment Building Replacement	L3328	2		100,000	1,000,000			1,100,000
Compost Pad Improvements	L3333	1		30,000	300,000			330,000
South Side Recycling Site	L3334	3					520,000	520,000
Landfill Dual Extraction System Expansion	L3335	3			45,000	455,000		500,000
Excavator and Haul Truck	L3336	1	1,100,000					1,100,000
Future Landfill Cell Design	L3338	1				250,000		250,000
Organics Grinder Upsize	L3339	3	300,000					300,000
Landfill Total			1,400,000	130,000	1,345,000	705,000	520,000	4,100,000

Category	Project #	Priority	2020	2021	2022	2023	2024	Total
Library								
Library Carpet and Furnishings Replacement	B4343	2			400,000			400,000
Library Total					400,000			400,000
Parking Operations								
Parking Facility Restoration Repair	T3004	2	600,000	550,000	550,000	300,000	300,000	2,300,000
Replacement of Electronics in Smart Parking Meters	T3020	1		960,000				960,000
Video Cameras for Parking Facilities	T3021	3	100,000					100,000
Parking Enforcement Vehicles	T3022	3	90,000					90,000
Parking Ramp Automated Parking Equipment	T3023	2	275,000		275,000	275,000		825,000
Electric Vehicle Charging Stations	T3024	3	60,000	60,000				120,000
Replacement of LED fixtures in Parking Facilities	T3025	2	100,000					100,000
Tower Place Drainage Modifications	T3026	1					237,500	237,500
Parking Operations Total			1,225,000	1,570,000	825,000	575,000	537,500	4,732,500
Parks Administration								
City Hall - Other Projects	R4129	1	50,000	50,000	405,000	260,000	50,000	815,000
Parks Administration Total			50,000	50,000	405,000	260,000	50,000	815,000
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	2	30,000	30,000	30,000	30,000	30,000	150,000
Intra-city Bike Trails	R4206	2	25,000	25,000	25,000	25,000	25,000	125,000
Palisades & Stone Bridge Park Development	R4346	2				600,000		600,000
Wetherby Restroom, Shelter & Playground Replacemen	R4349	2	800,000					800,000
Chadek Green Park Restrooms and Shelter	R4350	2			700,000			700,000
Whispering Meadows Shelter & Playground	R4357	2					185,000	185,000
Lower City Park Shelters & Restroom Replacement	R4358	2				660,000		660,000
Kiwanis Park Playground & Shelter Renovation	R4359	2			370,000			370,000
Napoleon Park Softball Fields 5-8 Renovation	R4362	3			450,000			450,000
Upper City Park Shelters & Restroom Replacement	R4363	2					660,000	660,000
Hickory Hill Park Conklin St Shelter & Restrooms	R4365	2				245,000		245,000
Glendale Park Shelter & Playground Replacement	R4366	2		275,000				275,000
Napoleon, Scott, Fairmeadows Parks Rehabilitation	R4367	2	520,000					520,000
Court Hill Park Shelter & Playground Replacement	R4368	2			400,000			400,000
Happy Hollow Playground Replacement	R4371	2				150,000		150,000
Terrell Mill Skate Park Redevelopment	R4372	2					600,000	600,000
City Park Ball Field Improvements	R4373	3	100,000	175,000				275,000
Mercer Park Ball Diamond Improvements	R4374	3	100,000		950,000	200,000		1,250,000
Hunter's Run Park Playground & Shelter	R4375	2				250,000		250,000
Hwy 6 Trail - Fairmeadows to Heinz	R4376	2	90,000	510,000				600,000
Terry Trueblood Woodland & Prairie Restoration	R4377	1	200,000					200,000
N. Market Square Playground Replacement	R4378	2					350,000	350,000
Reno Street Park Renovations	R4379	2					250,000	250,000
Annual Contracted Tree Planting	R4380	4	100,000	100,000	100,000	100,000	100,000	500,000
Event Facility Improvements	R4381	2				300,000		300,000
Off Road Bike Trail Development	R4382	5			180,000			180,000
Pedestrian Mall Playground	R4383	1				400,000		400,000
Parks Maintenance Total			2,065,000	1,215,000	3,305,000	3,060,000	2,300,000	11,945,000
Police								
Digital Photo Evidence Management	Y4445	3		90,000				90,000

Category	Project #	Priority	2020	2021	2022	2023	2024	Total
Police Total			90,000					90,000
Public Works Administration								
Sand/Salt Storage Bunkers	P3985	3	410,000					410,000
Public Works Administration Total			410,000					410,000
Recreation								
Annual Recreation Center Improvements	R4330	1	50,000	50,000	50,000	50,000	50,000	250,000
Recreation Center Improvements	R4351	1			700,000	700,000	700,000	2,100,000
Mercer Park Pool - Dehumidification/Tuckpointing	R4369	1	927,569					927,569
Robert A. Lee Recreation Center Pool Filter & HVAC	R4370	2		60,000	640,000			700,000
Recreation Total			977,569	110,000	1,390,000	750,000	750,000	3,977,569
Refuse Operations								
Fully Automated Curbside Collections Truck	L3337	1		550,000				550,000
Refuse Operations Total			550,000					550,000
Senior Center								
Annual Senior Center Facility Improvements	K1001	4	65,000	300,000	100,000	100,000	500,000	1,065,000
Senior Center Total			65,000	300,000	100,000	100,000	500,000	1,065,000
Storm Water								
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	675,000					675,000
North Westminster Storm Sewer Upgrades	M3633	2		140,000	1,040,000			1,180,000
Rundell Street Pump Station Vault Modifications	M3634	2				145,000		145,000
River Street Storm Sewer Improvements	M3635	2					850,000	850,000
Petsel Place Storm Sewer Improvements	M3636	1		331,000				331,000
Court Hill Storm Water Facility Restoration	M3637	3		120,000				120,000
Storm Water Total			915,000	831,000	1,280,000	385,000	1,090,000	4,501,000
Street Operations								
Annual Traffic Signal Projects	S3814	3	300,000	150,000	150,000	150,000	150,000	900,000
Traffic Calming	S3816	3	15,000	15,000	15,000	15,000	15,000	75,000
Curb Ramps-ADA	S3822	1	100,000	100,000	100,000	100,000	100,000	500,000
Annual Pavement Rehabilitation	S3824	1	2,908,901	2,107,388	2,107,388	2,107,388	2,107,388	11,338,453
Underground Electrical Facilities	S3826	2	190,352	188,082	188,082	188,082	188,082	942,680
Bicycle Master Plan Implementation	S3827	3	150,000	300,000	150,000	150,000	150,000	900,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2	8,444,000					8,444,000
Annual Bridge Maintenance & Repair	S3910	1		250,000	250,000	250,000	250,000	1,000,000
Melrose Avenue Improvements	S3936	2		5,060,000				5,060,000
Dubuque Street Reconstruction	S3939	1			300,000	2,700,000		3,000,000
Kirkwood Avenue to Capitol Street Connection	S3940	2			300,000	2,700,000		3,000,000
First Ave/Scott Blvd Intersection Improvements	S3944	2	1,200,000					1,200,000
Court Street Reconstruction	S3946	2	775,000		5,570,000			6,345,000
Benton Street Rehabilitation Project	S3947	2	250,000	2,560,000				2,810,000
Second Avenue Bridge Replacement	S3949	1	700,000					700,000
Rochester Ave Reconst- First Ave. to Ralston Creek	S3950	2	650,000	5,750,000				6,400,000
Hwy 1/Hwy 6 Intersection Improvements Study	S3951	2					75,000	75,000
Dodge Street Reconstruct - Governor to Burlington	S3952	2		1,250,000			12,000,000	13,250,000
Market & Jefferson Street Two-Way Conversion	S3953	5			500,000			500,000
Orchard Street Reconstruction	S3954	2	185,000	1,025,000				1,210,000

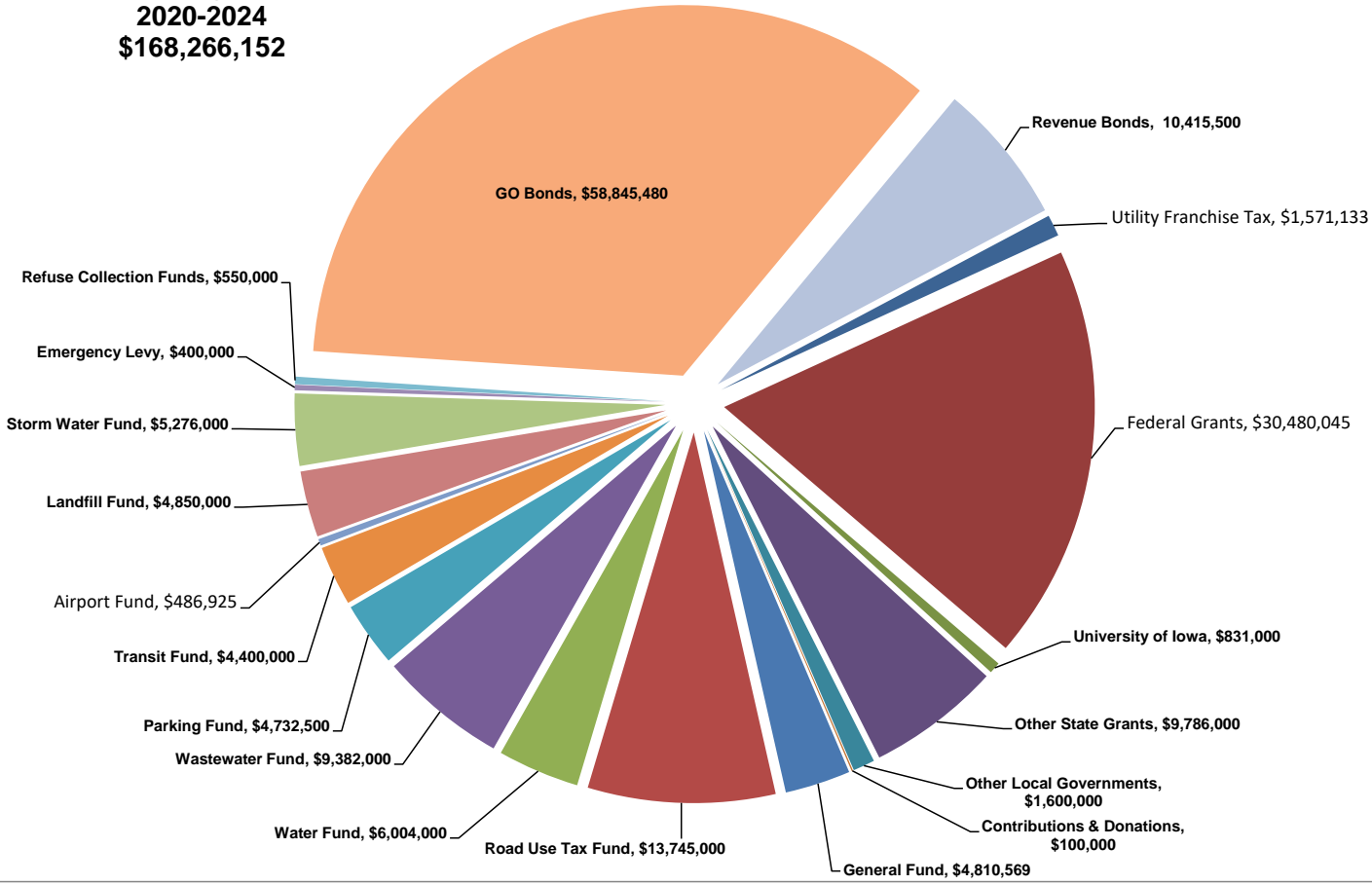
Category	Project #	Priority	2020	2021	2022	2023	2024	Total
N. Gilbert Street Reconstruction	S3955	2			200,000		1,237,000	1,437,000
Gilbert Street Bridge Replacement	S3956	1	175,000	1,825,000				2,000,000
Gilbert Court Sidewalk Infill Project	S3957	2	100,000					100,000
Park Road Reconstruct - Rocky Shore to Riverside	S3958	2			300,000	400,000	6,000,000	6,700,000
Taft Avenue Reconstruct - Am Legion to Lwr West Br	S3959	2				1,000,000		1,000,000
Street Operations Total			16,143,253	20,580,470	10,130,470	9,760,470	22,272,470	78,887,133
Transit Operations								
Transit Maintenance Facility Relocation	T3055	2			20,000,000			20,000,000
Transit Bus Shelter Replacement & Expansion	T3059	2		50,000		50,000		100,000
Bus Wash Repair	T3066	2	100,000					100,000
Transit Interchange and Bus Stop Improvements	T3067	2	100,000	100,000				200,000
Transit Operations Total			200,000	150,000	20,000,000	50,000		20,400,000
Wastewater Treatment								
Annual Sewer Main Replacement	V3101	2	750,000	750,000	750,000	750,000	750,000	3,750,000
Wastewater Clarifier Repairs	V3144	1	350,000					350,000
Scott Boulevard Trunk Sewer	V3145	2	1,550,000					1,550,000
Nevada Ave Sanitary Sewer Replacement	V3147	2	290,000					290,000
Digester Complex Rehabilitation	V3151	1		120,000		7,870,500		7,990,500
Influent Rake and Screen Replacement	V3153	1		1,000,000				1,000,000
Hawkeye Lift Station Rehabilitation	V3154	2			1,025,000			1,025,000
Rohret South Sewer	V3155	2			250,000	2,175,000		2,425,000
Dewatering Roll Off Paving	V3156	2	90,000					90,000
Wastewater Plant Mixer Improvements	V3157	2			238,000			238,000
Biosolids Conveyor Improvements	V3158	2				89,000		89,000
Heat for Cold Storage Building	V3159	3					80,000	80,000
New Cold Storage Building	V3160	3					340,000	340,000
5th Ward Sanitary Reroute	V3161	1	300,000					300,000
Benton Street Trunk Sewer Improvements	V3162	1				580,000		580,000
Wastewater Treatment Total			3,330,000	1,870,000	2,263,000	11,464,500	1,170,000	20,097,500
Water Operations								
Spruce St. (1300-1400 Block) Water Main Repl	W3216	3	370,000					370,000
Dill St. Water Main Replacement	W3222	1		725,000				725,000
Bradford Drive Water Main Replacement	W3300	3		50,000	400,000			450,000
Water Distribution Pressure Zone Improvements	W3301	1	470,000					470,000
Jordan Well Rehabilitation	W3305	1		150,000				150,000
Deforest Ave Water Main Replacement	W3307	1		40,000	310,000			350,000
Collector Wells 3 & 4 Rehabilitation	W3311	1	670,000					670,000
Hwy 1 (Hawk Ridge to WalMart) Water Main Repl	W3313	2			64,000	640,000		704,000
High Service Pump VFD Replacement	W3314	2				50,000	600,000	650,000
Peninsula Well Field Power Redundancy	W3315	3	75,000					75,000
Chlorine Feeder System Upgrade	W3316	2		115,000				115,000
Water Front Meeting Room A/V Upgrades	W3317	3		35,000				35,000
GSR Generator Enclosure Replacement	W3318	2			40,000			40,000
Chemical Room & Outdoor Lighting Upgrade	W3319	3				100,000		100,000
Hwy 6 (Fairmeadows to Ind Park Rd) Water Main Repl	W3320	1				80,000	920,000	1,000,000
Water Operations Total			1,585,000	1,115,000	814,000	870,000	1,520,000	5,904,000
GRAND TOTAL			31,539,422	29,513,720	44,032,470	31,049,970	31,959,970	168,095,552

City of Iowa City, Iowa
Capital Improvement Plan 2020-2024
2020 thru 2024

FUNDING SOURCE SUMMARY

Source	2020	2021	2022	2023	2024	Total
AIRPORT FUND	132,200	65,225	47,500	117,000	125,000	486,925
CONTRIBUTIONS & DONATIONS	100,000					100,000
EMERGENCY LEVY		100,000	100,000	100,000	100,000	400,000
FEDERAL GRANTS	4,399,660	3,724,885	16,427,500	1,053,000	4,875,000	30,480,045
GENERAL FUND	1,572,569	868,000	735,000	805,000	830,000	4,810,569
GO BONDS	11,972,340	11,871,140	11,935,000	11,885,000	11,182,000	58,845,480
LANDFILL FUND	1,400,000	1,100,000	1,125,000	705,000	520,000	4,850,000
OTHER LOCAL GOVERNMENTS		1,600,000				1,600,000
OTHER STATE GRANTS	800,000	1,486,000			7,500,000	9,786,000
PARKING FUND	1,225,000	1,570,000	825,000	575,000	537,500	4,732,500
REFUSE COLLECTION FUND		550,000				550,000
REVENUE BONDS				10,415,500		10,415,500
ROAD USE TAX FUND	3,007,000	2,797,000	2,647,000	2,647,000	2,647,000	13,745,000
STORM WATER FUND	990,000	931,000	1,280,000	985,000	1,090,000	5,276,000
TRANSIT FUND	200,000	150,000	4,000,000	50,000		4,400,000
UNIVERSITY OF IOWA	179,000	12,000	260,000	380,000		831,000
UTILITY FRANCHISE TAX	317,253	313,470	313,470	313,470	313,470	1,571,133
WASTEWATER FUND	3,030,000	1,750,000	2,013,000	1,419,000	1,170,000	9,382,000
WATER FUND	1,685,000	1,115,000	814,000	870,000	1,520,000	6,004,000
GRAND TOTAL	31,010,022	30,003,720	42,522,470	32,319,970	32,409,970	168,266,152

**Capital Improvement Program
by Funding Source
2020-2024
\$168,266,152**



City of Iowa City, Iowa
Capital Improvement Plan 2020-2024
 2020 thru 2024

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
AIRPORT FUND								
Airport Parking Lot Expansion	A3447	3		12,000				12,000
Airfield Pavement Rehabilitation	A3461	1	34,300					34,300
Runway 7 Environmental Assessment	A3465	2			15,000			15,000
Runway 7 Extension (213')	A3466	2				117,000		117,000
Runway 25 Threshold Relocation	A3470	1		46,000				46,000
Runway 12/30 Threshold Displacement/Relocation	A3471	1		7,225	32,500			39,725
Self Serve Fuel Expansion & Kiosk Replacement	A3472	2	97,900					97,900
Airport Apron Expansion	A3473	2					125,000	125,000
AIRPORT FUND Total			132,200	65,225	47,500	117,000	125,000	486,925
CONTRIBUTIONS & DONATIONS								
American Legion Rd-Scott Blvd to Taft Ave	S3854	2	100,000					100,000
CONTRIBUTIONS & DONATIONS Total			100,000					100,000
EMERGENCY LEVY								
Annual Contracted Tree Planting	R4380	4		100,000	100,000	100,000	100,000	400,000
EMERGENCY LEVY Total				100,000	100,000	100,000	100,000	400,000
FEDERAL GRANTS								
Runway 7 Environmental Assessment	A3465	2			135,000			135,000
Runway 7 Extension (213')	A3466	2				1,053,000		1,053,000
Runway 25 Threshold Relocation	A3470	1		414,000				414,000
Runway 12/30 Threshold Displacement/Relocation	A3471	1		65,025	292,500			357,525
Airport Apron Expansion	A3473	2					1,125,000	1,125,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2	4,070,660					4,070,660
Melrose Avenue Improvements	S3936	2		930,000				930,000
Benton Street Rehabilitation Project	S3947	2		1,315,860				1,315,860
Dodge Street Reconstruct - Governor to Burlington	S3952	2					3,750,000	3,750,000
Gilbert Street Bridge Replacement	S3956	1		1,000,000				1,000,000
Transit Maintenance Facility Relocation	T3055	2			16,000,000			16,000,000
FEDERAL GRANTS Total			4,070,660	3,724,885	16,427,500	1,053,000	4,875,000	30,151,045
GENERAL FUND								
Permitting Software Upgrade	G4720	1	200,000	250,000				450,000
Annual Senior Center Facility Improvements	K1001	4	65,000		100,000	100,000	500,000	765,000
City Hall - Other Projects	R4129	1	50,000	50,000			50,000	150,000
Parks Annual Improvements/Maintenance	R4130	1	100,000	100,000	100,000	100,000	100,000	500,000
Park Annual ADA Accessibility Improvements	R4132	2	30,000	30,000	30,000	30,000	30,000	150,000

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Cemetery Road Asphalt Overlay	R4145	2		50,000				50,000
Intra-city Bike Trails	R4206	2	25,000	25,000	25,000	25,000	25,000	125,000
Annual Recreation Center Improvements	R4330	1	50,000	50,000	50,000	50,000	50,000	250,000
Mercer Park Pool - Dehumidification/Tuckpointing	R4369	1	227,569					227,569
City Park Ball Field Improvements	R4373	3	100,000	175,000				275,000
Mercer Park Ball Diamond Improvements	R4374	3	100,000		250,000	200,000		550,000
Annual Contracted Tree Planting	R4380	4	100,000					100,000
Event Facility Improvements	R4381	2				300,000		300,000
Off Road Bike Trail Development	R4382	5			180,000			180,000
Hwy 1/Hwy 6 Intersection Improvements Study	S3951	2					75,000	75,000
Digital Photo Evidence Management	Y4445	3		90,000				90,000
Fire Apparatus Replacement Program	Z4406	1		48,000				48,000
Fire Station #5	Z4407	1	525,000					525,000
GENERAL FUND Total			1,572,569	868,000	735,000	805,000	830,000	4,810,569

GO BONDS

Library Carpet and Furnishings Replacement	B4343	2			400,000			400,000
Infrastructure Asset Management	G4724	3	485,000					485,000
Citywide Building Card Access System	G4725	3	175,000					175,000
Annual Senior Center Facility Improvements	K1001	4		300,000				300,000
City Hall - Other Projects	R4129	1			405,000	260,000		665,000
Palisades & Stone Bridge Park Development	R4346	2				600,000		600,000
Wetherby Restroom, Shelter & Playground Replacemen	R4349	2	800,000					800,000
Chadek Green Park Restrooms and Shelter	R4350	2			700,000			700,000
Recreation Center Improvements	R4351	1			700,000	700,000	700,000	2,100,000
Whispering Meadows Shelter & Playground	R4357	2					185,000	185,000
Lower City Park Shelters & Restroom Replacement	R4358	2				660,000		660,000
Kiwanis Park Playground & Shelter Renovation	R4359	2			370,000			370,000
Napoleon Park Softball Fields 5-8 Renovation	R4362	3			450,000			450,000
Upper City Park Shelters & Restroom Replacement	R4363	2					660,000	660,000
Hickory Hill Park Conklin St Shelter & Restrooms	R4365	2				245,000		245,000
Glendale Park Shelter & Playground Replacement	R4366	2		275,000				275,000
Napoleon, Scott, Fairmeadows Parks Rehabilitation	R4367	2	520,000					520,000
Court Hill Park Shelter & Playground Replacement	R4368	2			400,000			400,000
Mercer Park Pool - Dehumidification/Tuckpointing	R4369	1	700,000					700,000
Robert A. Lee Recreation Center Pool Filter & HVAC	R4370	2			700,000			700,000
Happy Hollow Playground Replacement	R4371	2				150,000		150,000
Terrell Mill Skate Park Redevelopment	R4372	2					600,000	600,000
Mercer Park Ball Diamond Improvements	R4374	3			700,000			700,000
Hunter's Run Park Playground & Shelter	R4375	2				250,000		250,000
Hwy 6 Trail - Fairmeadows to Heinz	R4376	2		162,000				162,000
N. Market Square Playground Replacement	R4378	2					350,000	350,000
Reno Street Park Renovations	R4379	2					250,000	250,000
Pedestrian Mall Playground	R4383	1				400,000		400,000
Annual Pavement Rehabilitation	S3824	1	800,000					800,000
American Legion Rd-Scott Blvd to Taft Ave	S3854	2	4,851,340					4,851,340
Melrose Avenue Improvements	S3936	2		1,780,000				1,780,000
Dubuque Street Reconstruction	S3939	1				2,700,000		2,700,000
Kirkwood Avenue to Capitol Street Connection	S3940	2				2,700,000		2,700,000
First Ave/Scott Blvd Intersection Improvements	S3944	2	1,400,000					1,400,000
Court Street Reconstruction	S3946	2	775,000		5,570,000			6,345,000
Benton Street Rehabilitation Project	S3947	2		1,494,140				1,494,140
Rochester Ave Reconst- First Ave. to Ralston Creek	S3950	2	650,000	5,750,000				6,400,000

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Dodge Street Reconstruct - Governor to Burlington	S3952	2					1,000,000	1,000,000
Market & Jefferson Street Two-Way Conversion	S3953	5			500,000			500,000
Orchard Street Reconstruction	S3954	2		1,210,000				1,210,000
N. Gilbert Street Reconstruction	S3955	2					1,437,000	1,437,000
Gilbert Street Bridge Replacement	S3956	1		900,000				900,000
Gilbert Court Sidewalk Infill Project	S3957	2	100,000					100,000
Park Road Reconstruct - Rocky Shore to Riverside	S3958	2				700,000	6,000,000	6,700,000
Taft Avenue Reconstruct - Am Legion to Lwr West Br	S3959	2				1,000,000		1,000,000
Fire Apparatus Replacement Program	Z4406	1	716,000		1,040,000	1,520,000		3,276,000
GO BONDS Total			11,972,340	11,871,140	11,935,000	11,885,000	11,182,000	58,845,480

LANDFILL FUND

Landfill Equipment Building Replacement	L3328	2		100,000	1,000,000			1,100,000
Compost Pad Improvements	L3333	1			80,000			80,000
South Side Recycling Site	L3334	3					520,000	520,000
Landfill Dual Extraction System Expansion	L3335	3			45,000	455,000		500,000
Excavator and Haul Truck	L3336	1	1,100,000					1,100,000
Future Landfill Cell Design	L3338	1				250,000		250,000
Organics Grinder Upsize	L3339	3	300,000					300,000
Melrose Avenue Improvements	S3936	2		1,000,000				1,000,000
LANDFILL FUND Total			1,400,000	1,100,000	1,125,000	705,000	520,000	4,850,000

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

Airport Parking Lot Expansion	A3447	3		48,000				48,000
Airfield Pavement Rehabilitation	A3461	1	329,000					329,000
Self Serve Fuel Expansion & Kiosk Replacement	A3472	2	150,000					150,000
Hwy 6 Trail - Fairmeadows to Heinz	R4376	2		438,000				438,000
Terry Trueblood Woodland & Prairie Restoration	R4377	1	200,000					200,000
Second Avenue Bridge Replacement	S3949	1	450,000					450,000
Dodge Street Reconstruct - Governor to Burlington	S3952	2		1,000,000			7,500,000	8,500,000
OTHER STATE GRANTS Total			1,129,000	1,486,000			7,500,000	10,115,000

PARKING FUND

Parking Facility Restoration Repair	T3004	2	600,000	550,000	550,000	300,000	300,000	2,300,000
Replacement of Electronics in Smart Parking Meters	T3020	1		960,000				960,000
Video Cameras for Parking Facilities	T3021	3	100,000					100,000
Parking Enforcement Vehicles	T3022	3	90,000					90,000
Parking Ramp Automated Parking Equipment	T3023	2	275,000		275,000	275,000		825,000
Electric Vehicle Charging Stations	T3024	3	60,000	60,000				120,000
Replacement of LED fixtures in Parking Facilities	T3025	2	100,000					100,000
Tower Place Drainage Modifications	T3026	1					237,500	237,500
PARKING FUND Total			1,225,000	1,570,000	825,000	575,000	537,500	4,732,500

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
REFUSE COLLECTION FUND								
Fully Automated Curbside Collections Truck	L3337	1		550,000				550,000
REFUSE COLLECTION FUND Total				550,000				550,000
REVENUE BONDS								
Digester Complex Rehabilitation	V3151	1				7,990,500		7,990,500
Rohret South Sewer	V3155	2				2,425,000		2,425,000
REVENUE BONDS Total						10,415,500		10,415,500
ROAD USE TAX FUND								
Sand/Salt Storage Bunkers	P3985	3	210,000					210,000
Annual Traffic Signal Projects	S3814	3	300,000	150,000	150,000	150,000	150,000	900,000
Traffic Calming	S3816	3	15,000	15,000	15,000	15,000	15,000	75,000
Curb Ramps-ADA	S3822	1	100,000	100,000	100,000	100,000	100,000	500,000
Annual Pavement Rehabilitation	S3824	1	1,982,000	1,982,000	1,982,000	1,982,000	1,982,000	9,910,000
Bicycle Master Plan Implementation	S3827	3	150,000	300,000	150,000	150,000	150,000	900,000
Annual Bridge Maintenance & Repair	S3910	1		250,000	250,000	250,000	250,000	1,000,000
Second Avenue Bridge Replacement	S3949	1	250,000					250,000
ROAD USE TAX FUND Total			3,007,000	2,797,000	2,647,000	2,647,000	2,647,000	13,745,000
STORM WATER FUND								
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	750,000					750,000
North Westminster Storm Sewer Upgrades	M3633	2		140,000	1,040,000			1,180,000
Rundell Street Pump Station Vault Modifications	M3634	2				145,000		145,000
River Street Storm Sewer Improvements	M3635	2					850,000	850,000
Petsel Place Storm Sewer Improvements	M3636	1		331,000				331,000
Court Hill Storm Water Facility Restoration	M3637	3		120,000				120,000
Dubuque Street Reconstruction	S3939	1				300,000		300,000
Kirkwood Avenue to Capitol Street Connection	S3940	2				300,000		300,000
Gilbert Street Bridge Replacement	S3956	1		100,000				100,000
STORM WATER FUND Total			990,000	931,000	1,280,000	985,000	1,090,000	5,276,000
TRANSIT FUND								
Transit Maintenance Facility Relocation	T3055	2			4,000,000			4,000,000
Transit Bus Shelter Replacement & Expansion	T3059	2		50,000		50,000		100,000
Bus Wash Repair	T3066	2	100,000					100,000
Transit Interchange and Bus Stop Improvements	T3067	2	100,000	100,000				200,000
TRANSIT FUND Total			200,000	150,000	4,000,000	50,000		4,400,000
UNIVERSITY OF IOWA								
Fire Apparatus Replacement Program	Z4406	1	179,000	12,000	260,000	380,000		831,000
UNIVERSITY OF IOWA Total			179,000	12,000	260,000	380,000		831,000
UTILITY FRANCHISE TAX								

Source	Project #	Priority	2020	2021	2022	2023	2024	Total
Annual Pavement Rehabilitation	S3824	1	126,901	125,388	125,388	125,388	125,388	628,453
Underground Electrical Facilities	S3826	2	190,352	188,082	188,082	188,082	188,082	942,680
UTILITY FRANCHISE TAX Total			317,253	313,470	313,470	313,470	313,470	1,571,133

WASTEWATER FUND

Annual Sewer Main Replacement	V3101	2	750,000	750,000	750,000	750,000	750,000	3,750,000
Wastewater Clarifier Repairs	V3144	1	350,000					350,000
Scott Boulevard Trunk Sewer	V3145	2	1,550,000					1,550,000
Nevada Ave Sanitary Sewer Replacement	V3147	2	290,000					290,000
Influent Rake and Screen Replacement	V3153	1		1,000,000				1,000,000
Hawkeye Lift Station Rehabilitation	V3154	2			1,025,000			1,025,000
Dewatering Roll Off Paving	V3156	2	90,000					90,000
Wastewater Plant Mixer Improvements	V3157	2			238,000			238,000
Biosolids Conveyor Improvements	V3158	2				89,000		89,000
Heat for Cold Storage Building	V3159	3					80,000	80,000
New Cold Storage Building	V3160	3					340,000	340,000
Benton Street Trunk Sewer Improvements	V3162	1				580,000		580,000
WASTEWATER FUND Total			3,030,000	1,750,000	2,013,000	1,419,000	1,170,000	9,382,000

WATER FUND

Spruce St. (1300-1400 Block) Water Main Repl	W3216	3	370,000					370,000
Dill St. Water Main Replacement	W3222	1		725,000				725,000
Bradford Drive Water Main Replacement	W3300	3		50,000	400,000			450,000
Water Distribution Pressure Zone Improvements	W3301	1	570,000					570,000
Jordan Well Rehabilitation	W3305	1		150,000				150,000
Deforest Ave Water Main Replacement	W3307	1		40,000	310,000			350,000
Collector Wells 3 & 4 Rehabilitation	W3311	1	670,000					670,000
Hwy 1 (Hawk Ridge to WalMart) Water Main Repl	W3313	2			64,000	640,000		704,000
High Service Pump VFD Replacement	W3314	2				50,000	600,000	650,000
Peninsula Well Field Power Redundancy	W3315	3	75,000					75,000
Chlorine Feeder System Upgrade	W3316	2		115,000				115,000
Water Front Meeting Room A/V Upgrades	W3317	3		35,000				35,000
GSR Generator Enclosure Replacement	W3318	2			40,000			40,000
Chemical Room & Outdoor Lighting Upgrade	W3319	3				100,000		100,000
Hwy 6 (Fairmeadows to Ind Park Rd) Water Main Repl	W3320	1				80,000	920,000	1,000,000
WATER FUND Total			1,685,000	1,115,000	814,000	870,000	1,520,000	6,004,000

GRAND TOTAL

31,010,022	30,003,720	42,522,470	32,319,970	32,409,970	168,266,152
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City of Iowa City, Iowa
Capital Improvement Plan 2020-2024
 2020 thru 2024

ANNUAL RECURRING PROJECTS

Department	Project #	Priority	2020	2021	2022	2023	2024	Total
PARKS & RECREATION								
City Hall - Other Projects	R4129	1	50,000	50,000	405,000	260,000	50,000	815,000
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	30,000	30,000	30,000	30,000	30,000	150,000
Intra-city Bike Trails	R4206	1	25,000	25,000	25,000	25,000	25,000	125,000
Annual Recreation Center Improvements	R4330	1	50,000	50,000	50,000	50,000	50,000	250,000
Annual Contracted Tree Planting	R4380	1	100,000	100,000	100,000	100,000	100,000	500,000
PARKS & RECREATION Total			355,000	355,000	710,000	565,000	355,000	2,340,000

City Hall - Other Projects

R4129

Annual improvements needed to maintain City Hall building including HVAC, boiler, fire suppression, security and other building components. 2020 - City Hall Boiler Project; 2021 - 3rd Floor Carpet & Paint; 2022 - City Hall Roof Replacement; 2023 - Lower Level Restroom ADA Remodel; 2024 - Employee Fitness Room ADA Remodel

Parks Annual Improvements/Maintenance

R4130

Annual funding for small capital projects and improvements throughout park system. Priorities per the 2017 Park Master Plan are: Park Signs, Site Furnishings, Shelter/Facility Maintenance, Court Maintenance, Partner Opportunities for Small Projects and Emerging Opportunities and Needs.

Park Annual ADA Accessibility Improvements

R4132

Small projects in parks to improve and enhance physical accessibility to park facilities and activity centers. 2020 - Harlocke Hill, Oak Grove, Ryerson Woods, Black Spring; 2021 - Crandic, Thornberry; 2022 - Kiwanis; 2023 - Undecided; 2024 - Reno.

Intra-city Bike Trails

R4206

Annual appropriation for the construction or repair of bike trails.

Annual Recreation Center Improvements

R4330

Annual projects to maintain RALRC & Mercer/Scanlon Recreation Centers. 2020 - RALRC ADA Improvements; 2021 - Building Indoor Signage; 2022 - RALRC Lower Level Flooring; 2023 & 2024 - Not yet designated

Annual Contracted Tree Planting

R4380

Annual contracted tree program for additions to street trees, neighborhood infill and park tree plantings.

Department	Project #	Priority	2020	2021	2022	2023	2024	Total
PUBLIC WORKS								
Annual Storm Water Improvements	M3631	1	240,000	240,000	240,000	240,000	240,000	1,200,000
Annual Traffic Signal Projects	S3814	1	300,000	150,000	150,000	150,000	150,000	900,000
Traffic Calming	S3816	1	15,000	15,000	15,000	15,000	15,000	75,000
Curb Ramps-ADA	S3822	1	100,000	100,000	100,000	100,000	100,000	500,000
Annual Pavement Rehabilitation	S3824	1	2,908,901	2,107,388	2,107,388	2,107,388	2,107,388	11,338,453
Underground Electrical Facilities	S3826	1	190,352	188,082	188,082	188,082	188,082	942,680
Bicycle Master Plan Implementation	S3827	1	150,000	300,000	150,000	150,000	150,000	900,000
Annual Bridge Maintenance & Repair	S3910	1		250,000	250,000	250,000	250,000	1,000,000
Annual Sewer Main Replacement	V3101	1	750,000	750,000	750,000	750,000	750,000	3,750,000
PUBLIC WORKS Total			4,654,253	4,100,470	3,950,470	3,950,470	3,950,470	20,606,133

Annual Storm Water Improvements

M3631

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

Annual Traffic Signal Projects

S3814

This is an annual project to replace or add traffic signals at intersections with outdated traffic signal equipment or at dangerous and uncontrolled intersections. This project will install pan/tilt/zoom (PTZ) cameras at signalized intersections that do not currently have PTZ cameras (approximately 57 intersections) in 2020.

Traffic Calming

S3816

Annual appropriation for traffic calming projects

Curb Ramps-ADA

S3822

Annual appropriation for the construction of ADA accessible curb ramps.

Annual Pavement Rehabilitation

S3824

Annual appropriation for resurfacing roadways and alleys including asphalt, concrete, and brick.

Underground Electrical Facilities

S3826

This is an annual project to convert overhead electrical systems to underground.

Dubuque Street, Riverside Drive, and Gilbert Street are currently the priority corridors for undergrounding electrical facilities.

Bicycle Master Plan Implementation

S3827

This is an annual project to implement the recommendations of the bicycle master plan. Improvement projects include construction of bike lanes, bike boulevards, and other features that will improve streets to promote equal access and usability for all modes of transportation. Projects also fund the conversion of 4-lane roads into 3-lane roads in certain areas that are highly used by all of the various modes of transportation. Projects are scheduled as follows:

2020 - Southgate Bike Lanes-Keokuk to Gilbert; Sandusky/Taylor Bicycle Blvd-Burns to Keokuk; Keokuk Road Diet, Hwy 6 to Sandusky

2021 - Gilbert Street, 4-lane to 3-lane Conversion

2022 - Lakeside Bicycle Blvd; Wetherby Bicycle Blvd

2023 - Sunset Bike Lanes-Benton to Highway 1

2024 - Keokuk Bike Lanes-Kirkwood to Hwy 6; Kirkwood Bike Lanes-Clinton to Lwr Muscatine; Lwr Muscatine Bike lanes

Annual Bridge Maintenance & Repair

S3910

This provides for the biennial inspection and preservation of Iowa City's bridges including major repairs and restoration. 2019 funding for this project was moved to the 2nd Avenue Bridge Replacement project.

Annual Sewer Main Replacement

V3101

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

Department	Project #	Priority	2020	2021	2022	2023	2024	Total
SENIOR CENTER								
Annual Senior Center Facility Improvements	K1001	1	65,000	300,000	100,000	100,000	500,000	1,065,000
SENIOR CENTER Total			65,000	300,000	100,000	100,000	500,000	1,065,000

Annual Senior Center Facility Improvements

K1001

Improvements needed include: full Building assessment, plaster repairs, painting, wallpaper removal, carpeting, woodflooring, tuckpointing, furniture replacement, remodeling to improve use/operation of facility. Green improvements are also needed to the building to reduce emissions. Improving the exterior of the building by improving doorways and restore historical scones outside the building and windows is also necessary.

TRANSPORTATION SERVICES

Parking Facility Restoration Repair	T3004	1	600,000	550,000	550,000	300,000	300,000	2,300,000
TRANSPORTATION SERVICES Total			600,000	550,000	550,000	300,000	300,000	2,300,000

Parking Facility Restoration Repair

T3004

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 including replacement of aging light poles on top decks of facilities to incorporate LED lighting.

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Project Summary By Name

Project # **A3447**
 Project Name **Airport Parking Lot Expansion**

Department AIRPORT
 Contact Michael Tharp
 Type One Phase
 Useful Life 20 years
 Category Airport
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE IDOT PLAN None
 MATCH % 20% TIF DISTRICT None

Description Total Project Cost: \$60,000
 Expand airport parking to construct additional spaces around the airport beacon circle. Project would create 15-20 additional spaces.

Justification
 Airport parking is becoming frequently more full as the airport has become better utilized by charter passenger customers and other groups and employees using the airport. There are now weekly occurrences where the parking is 100% full.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		15,000				15,000
CONSTRUCTION		40,000				40,000
CONTINGENCY		5,000				5,000
Total		60,000				60,000

Funding Sources	2020	2021	2022	2023	2024	Total
AIRPORT FUND		12,000				12,000
OTHER STATE GRANTS		48,000				48,000
Total		60,000				60,000

Budget Impact/Other
 There will be a minor increase in pavement maintenance costs for recurring maintenance/stripping and snow and ice removal.

Project # **A3461**
 Project Name **Airfield Pavement Rehabilitation**

Department AIRPORT
 Contact Michael Tharp
 Type One Phase
 Useful Life 30 Years
 Category Airport
 Priority Critical (1)
 Status Active

GRANTEE IDOT PLAN Airport Master Plan
 MATCH % 20% TIF DISTRICT None

Description Total Project Cost: \$420,500
 This project prepares for the pavement replacement near the terminal building by placing additional pavement on the west of the aircraft parking apron, and then allows for the removal and reconstruction of the terminal apron and adjacent taxiway.

Justification
 This pavement is showing increasing fatigue and failures. Edge spalling creates foreign object debris which can damage aircraft engines or injure people when aircraft start or taxi through the area.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
49,800	CONSTRUCTION	370,700					370,700
Total	Total	370,700					370,700

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
57,200	AIRPORT FUND	34,300					34,300
Total	OTHER STATE GRANTS	329,000					329,000
	Total	363,300					363,300

Budget Impact/Other
 Minor maintenance reduction as new concrete shouldn't require as much patching as existing does. Annual cost savings is expected to be 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 Essential (2)
 Status Active

GRANTEE FAA PLAN Airport Master Plan
 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	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			150,000			150,000
Total			150,000			150,000

Funding Sources	2020	2021	2022	2023	2024	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 Essential (2)
 Status Active

GRANTEE FAA PLAN Airport Master Plan
 MATCH % 10% TIF DISTRICT None

Description Total Project Cost: \$1,170,000
 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	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				235,000		235,000
CONSTRUCTION				935,000		935,000
Total				1,170,000		1,170,000

Funding Sources	2020	2021	2022	2023	2024	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 # A3470
 Project Name Runway 25 Threshold Relocation

Department AIRPORT
 Contact Michael Tharp
 Type One Phase
 Useful Life 20 years
 Category Airport
 Priority Critical (1)
 Status Active

GRANTEE FAA PLAN Airport Master Plan
 MATCH % 10% TIF DISTRICT None

Description Total Project Cost: \$566,000
 Runway 25 Threshold Relocation and Re-lighting.

Justification
 The 808' displaced threshold is no longer required due to change in critical design aircraft. This project shifts the location of the displaced threshold to gain 700 feet of additional takeoff and landing distance for pilots using Runway 25.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
106,000	CONSTRUCTION		460,000				460,000
Total	Total		460,000				460,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
106,000	AIRPORT FUND		46,000				46,000
	FEDERAL GRANTS		414,000				414,000
Total	Total		460,000				460,000

Budget Impact/Other
 The budget impact of this change is neutral; it does not add or remove existing infrastructure.

Project # A3471
 Project Name Runway 12/30 Threshold Displacement/Relocation

Department AIRPORT
 Contact Michael Tharp
 Type One Phase
 Useful Life 20 years
 Category Airport
 Priority Critical (1)
 Status Active

GRANTEE FAA PLAN Airport Master Plan
 MATCH % 10% TIF DISTRICT None

Description Total Project Cost: \$397,250
 Runway 12 Threshold Displacement - Runway 30 Threshold Relocation

Justification
 The Airport Master Plan completed in 2016 identifies a threshold displacement on Runway 12 of 500 feet to minimize the number of potential obstructions to the Runway 12 approach. The plan mitigated the impacts to Runway 12/30 by adding length to the Runway 30 end that is available for takeoff but not for landings.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		72,250				72,250
CONSTRUCTION			325,000			325,000
Total		72,250	325,000			397,250

Funding Sources	2020	2021	2022	2023	2024	Total
AIRPORT FUND		7,225	32,500			39,725
FEDERAL GRANTS		65,025	292,500			357,525
Total		72,250	325,000			397,250

Budget Impact/Other
 This project will add minor paving maintenance expenses due to the added pavement at Runway 30.

Project # A3472
 Project Name Self Serve Fuel Expansion & Kiosk Replacement

Department AIRPORT
 Contact Michael Tharp
 Type One Phase
 Useful Life 20 years
 Category Airport
 Priority Essential (2)
 Status Active

GRANTEE IDOT PLAN None
 MATCH % 30% TIF DISTRICT None

Description Total Project Cost: \$247,900
 This project adds a 12,000 gallon storage tank for Jet-A fuel and replaces the two credit card reader kiosks

Justification
 During the fall of 2018 several airports ran out of fuel in SE Iowa due to supply and delivery issues. The Iowa City Airport sees its storage tank used at a rate of needing to refill once per week and two to three times per week during heavy use. The additional storage tank provides for more fuel to be stored on site and be less impacted by supply issues. The Credit Card reader kiosks will no longer be supported by the vendor beginning June 30, 2020. These readers also do not accept chip cards. New kiosks will be servicable and accept modern credit/debit cards with chips

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	30,000					30,000
CONSTRUCTION	217,900					217,900
Total	247,900					247,900

Funding Sources	2020	2021	2022	2023	2024	Total
AIRPORT FUND	97,900					97,900
OTHER STATE GRANTS	150,000					150,000
Total	247,900					247,900

Budget Impact/Other
 This change will increase operating expenditures due to the additional of new infrastructure. Estimate annual expenditures will be less than \$5,000.

Project # A3473
 Project Name Airport Apron Expansion

Department AIRPORT
 Contact Michael Tharp
 Type One Phase
 Useful Life 20 years
 Category Airport
 Priority Essential (2)
 Status Active

GRANTEE FAA PLAN Airport Master Plan
 MATCH % 10% TIF DISTRICT None

Description Total Project Cost: \$1,250,000
 This project adds additional apron space for aircraft parking.

Justification
 Larger aircraft utilizing the airport require hard surface parking. Our existing ramp is too small based on FAA formulas for operations and parking. This project provides additional parking space to support those aircraft types.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					375,000	375,000
CONSTRUCTION					875,000	875,000
Total					1,250,000	1,250,000

Funding Sources	2020	2021	2022	2023	2024	Total
AIRPORT FUND					125,000	125,000
FEDERAL GRANTS					1,125,000	1,125,000
Total					1,250,000	1,250,000

Budget Impact/Other
 The operating impact will be increased costs for snow removal and maintenance due to increased surface pavement. The estimated increase in operating expenditures is less than \$10,000.

Project # G4724
 Project Name Infrastructure Asset Management

Department FINANCE
 Contact Michael Harapat
 Type One Phase
 Useful Life 10 years
 Category Information Technology Servic
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$760,000
 Asset management software that could be utilized by all city departments to manage the physical assets for planning and management of current or future projects.

Justification
 This product will allow departments to organize and more thoroughly plan for current and future projects taking into account the physical location and current status of assets in relation to a particular project. This process will allow for documentation, future planning, and maintenance tracking of assets. Assets could include but are not limited to fiber, sewer, water, streets, signs, and sidewalks

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	60,000					60,000
OTHER	700,000					700,000
Total	760,000					760,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
275,000	GO BONDS	485,000					485,000
Total	Total	485,000					485,000

Budget Impact/Other
 The impact on the operating budget will be the cost on maintenance each year of approximately \$20,000. The benefit to the operating budget is more efficient use of staff time and potentially lower project costs and reduced unforeseen costs.

Project # G4725
 Project Name Citywide Building Card Access System

Department FINANCE
 Contact Michael Harapat
 Type One Phase
 Useful Life 20 years
 Category Information Technology Servic
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$175,000
 Upgrade the card access system that is used for the security of city offices and buildings. The project covers the cost of the replacing all security cards, replace existing door card readers, bringing the water plant onto the standard city security system for door access, and new hardware for additional doors in city hall.

Justification
 The current card access system is vulnerable to attack through card duplication because the current card are not designed with encryption.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION	53,500					53,500
CONTINGENCY	36,000					36,000
EQUIPMENT	85,500					85,500
Total	175,000					175,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS	175,000					175,000
Total	175,000					175,000

Budget Impact/Other
 The impact of this project on the operating budget is minimal.

Project # Z4406
 Project Name Fire Apparatus Replacement Program

Department FIRE
 Contact John Grier
 Type Multi-Phase
 Useful Life 16 years
 Category Fire
 Priority Critical (1)
 Status Active

GRANTEE U OF I PLAN None
 MATCH % VARIES TIF DISTRICT None

Description Total Project Cost: \$4,155,000
 Replacement of Fire Department equipment:
 2020 Fire Pumper #351
 2021 Scotty House
 2022 Fire Pumper/Aerial #358
 2023 Aerial T-1

Justification
 The department recommends replacement per the established schedule. Fleet Management Scoring indicates Fire Pumper #351 will exceed scoring thresholds in 2020 and Fire Pumper/Aerial #358 will exceed scoring thresholds in 2021. Aerial T-1 is scheduled for replacement in 2023. The Fire Safety House is used to promote fire safety education throughout the community.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT	895,000	60,000	1,300,000	1,900,000		4,155,000
Total	895,000	60,000	1,300,000	1,900,000		4,155,000
Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND		48,000				48,000
GO BONDS	716,000		1,040,000	1,520,000		3,276,000
UNIVERSITY OF IOWA	179,000	12,000	260,000	380,000		831,000
Total	895,000	60,000	1,300,000	1,900,000		4,155,000

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 # Z4407
 Project Name Fire Station #5

Department FIRE
 Contact John Grier
 Type Multi-Phase
 Useful Life 50 years
 Category Fire
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$525,000
 To acquire property and construct the City's fifth fire station in the south side of the City.

Justification
 The City's south side has grown extensively including many new homes and neighborhoods and a new elementary school.

Expenditures	2020	2021	2022	2023	2024	Total
LAND/ROW ACQUISITION	504,000					504,000
ADMINISTRATION	21,000					21,000
Total	525,000					525,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND	525,000					525,000
Total	525,000					525,000

Budget Impact/Other
 When completed, the fire station will annually require approximately \$1.5 million to operate including the addition of new staff and equipment.

Project # B4343
 Project Name Library Carpet and Furnishings Replacement

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

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$400,000
 A multi-year project to replace carpeting and some furnishings in large areas of the Library. First floor has 31,000 square feet of carpet, and 2nd floor has 39,000. Project includes updates for carpet, demo and floor prep, moving, GC, insurance, fees, bonds, and contingency. In addition, some of the original furnishings, including all of the public access internet stations will be replaced, and is requested the first year for that purpose.

Justification
 Since the building opened in 2004, more than 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	2020	2021	2022	2023	2024	Total
EQUIPMENT			400,000			400,000
Total			400,000			400,000

Funding Sources	2020	2021	2022	2023	2024	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 # **G4720**
 Project Name **Permitting Software Upgrade**

Department **NEIGHBORHOOD & DEVEL**
 Contact **Tracy Hightshoe**
 Type **One Phase**
 Useful Life **10 years**
 Category **Development Services**
 Priority **Critical (1)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$950,000
 This project upgrades the city's current permitting software, Tidemark.

Justification
 The software provider (Accela) is no longer providing enhancements or upgrades to Tidemark. The current Tidemark software is being scheduled for replacement. Tidemark Advantage came on-line in 1992 and without enhancements to the existing permitting software and with advancements in technology new software will be needed allowing us to meet client expectations for future development and building approval processes. It is also a goal for permitting software to better integrate with other city software systems.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
500,000	OTHER	200,000	250,000				450,000
Total	Total	200,000	250,000				450,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
500,000	GENERAL FUND	200,000	250,000				450,000
Total	Total	200,000	250,000				450,000

Budget Impact/Other
 The overall impact on the operating budget will be the cost of software maintenance and support which is estimated to be up to \$25,000 per year.

Project # **R4145**
 Project Name **Cemetery Road Asphalt Overlay**

Department **PARKS & RECREATION**
 Contact **Juli Seydell-Johnson**
 Type **One Phase**
 Useful Life **15 years**
 Category **Cemetery**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$50,000
 Mill and resurface with 2" asphalt overlay on a portion of the 19,090sf of road in the cemetery.

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

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION		50,000				50,000
Total		50,000				50,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND		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 # R4346
 Project Name Palisades & Stone Bridge Park Development

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$600,000
 Funding to develop a new neighborhood park in an emerging or underserved location. The City owns several parcels designated for parks and developments are completed.

Justification
 The 2017 Park Master plan points to a districts with deficiencies in park land. This project will be designed to develop a new neighborhood park in a growing or underserved neighborhood as the opportunity becomes available.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				50,000		50,000
CONSTRUCTION				500,000		500,000
INSPECTION				10,000		10,000
ADMINISTRATION				10,000		10,000
CONTINGENCY				30,000		30,000
Total				600,000		600,000
Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				600,000		600,000
Total				600,000		600,000

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 per year.

Project # **R4349**
 Project Name **Wetherby Restroom, Shelter & Playground Replacemen**

Department **PARKS & RECREATION**
 Contact **Juli Seydell-Johnson**
 Type **One Phase**
 Useful Life **20 years**
 Category **Parks Maintenance**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **Park Master Plan**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$800,000
 Replace park shelter, restrooms, playground and signage. Upgrade access paths.

Justification
 Playground was noted as fair/poor condition with accessibility concerns in the 2017 Park Master Plan. Shelter needs renovation due to maintenance concerns and increased use from splash pad users.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	60,000					60,000
CONSTRUCTION	685,000					685,000
INSPECTION	2,500					2,500
ADMINISTRATION	2,500					2,500
CONTINGENCY	50,000					50,000
Total	800,000					800,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS	800,000					800,000
Total	800,000					800,000

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

Project # R4350
 Project Name Chadek Green Park Restrooms and Shelter

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$700,000
 Build picnic shelter, restrooms, playground, accessible paths and parking at Chadek Green Park community gardens.

Justification
 Chadek Green community gardens are heavily used. There are no facilities in this park. Project adds a small playground to the park at the request of neighborhood and park users. The 2017 Park Master Plan recommends this project to address park need in the Central District.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			60,000			60,000
CONSTRUCTION			600,000			600,000
INSPECTION			10,000			10,000
CONTINGENCY			30,000			30,000
Total			700,000			700,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			700,000			700,000
Total			700,000			700,000

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 Improvements

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type Multi-Phase
 Useful Life 25 years
 Category Recreation
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN Facilities Master Plan
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$2,100,000

This project is planning for renovations for the City's recreation enters: Robert A. Lee (RALRC) and Mercer Pool/Scanlon Gym. 2022 - Continue work to correct items identified in 2012 ADA review. Upper Level RALRC: ADA compliant single user public restrooms, ADA compliant offices, door and signage needs. Public uses of meeting Room A will be accommodated in renovated space adjacent to gym while Meeting Room A will be converted to ADA compliant offices. Catering kitchen will be relocated to the Social Hall. 2023 - Renovate RALRC Lower Level Locker Rooms. 2024 - Renovate Mercer/Scanlon Lobby, Restroom and Meeting Rooms.

Justification

Presently there are critical and public use areas of the facility do not meet the current ADA standards. Parts of the facility are still operating from the original 1965 design. These improvements will update and bring the facility into closer compliancy with ADA requirements and improve operational efficiencies in the use of the use of the facility for both the public and the staff. These recommendations were cited in the 2012 Space Needs Study and Master Plan and the Facility ADA study.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			40,000	40,000	40,000	120,000
CONSTRUCTION			600,000	600,000	600,000	1,800,000
ADMINISTRATION			20,000	20,000	20,000	60,000
CONTINGENCY			40,000	40,000	40,000	120,000
Total			700,000	700,000	700,000	2,100,000
Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			700,000	700,000	700,000	2,100,000
Total			700,000	700,000	700,000	2,100,000

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 # R4357
 Project Name Whispering Meadows Shelter & Playground

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$185,000
 Add picnic shelter, small playground, park sign and access paths to Whispering Meadows Park.

Justification
 The 2017 Park Master Plan priorities this project as the South District is in need of additional small play areas.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					15,000	15,000
CONSTRUCTION					150,000	150,000
INSPECTION					2,500	2,500
ADMINISTRATION					2,500	2,500
CONTINGENCY					15,000	15,000
Total					185,000	185,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS					185,000	185,000
Total					185,000	185,000

Budget Impact/Other
 This will be an addition of park amenities. Maintenance and operation will need to be absorbed into current park staff duties. Estimated impact on operating expenditures is less than \$10,000 per year.

Project # R4358
 Project Name Lower City Park Shelters & Restroom Replacement

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Lower City Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$660,000

This project will demolish six picnic shelters and one restroom in Lower City Park and replace these with one large and two small shelters and restroom facility. The remaining facilities will be in locations outlined in Lower City Park Master Plan.

Justification

The shelters and restrooms in Lower City Park are quickly reaching the end of their serviceable life. Some are in areas that are prone to regular flooding. This project follows recommendations of the 2016 Lower City Park Master Plan and 2017 Park Master Plan while repositioning and resizing the shelters to meet current and future use patterns.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				50,000		50,000
CONSTRUCTION				550,000		550,000
INSPECTION				10,000		10,000
CONTINGENCY				50,000		50,000
Total				660,000		660,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				660,000		660,000
Total				660,000		660,000

Budget Impact/Other

No impact on operating budget as these are replacements for current facilities.

Project # **R4359**
 Project Name **Kiwanis Park Playground & Shelter Renovation**

Department **PARKS & RECREATION**
 Contact **Juli Seydell-Johnson**
 Type **One Phase**
 Useful Life **20 years**
 Category **Parks Maintenance**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **Park Master Plan**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$370,000
 Renovate Nature Play Area, replace shelter, add accessible paths and opportunities for creek access at Kiwanis Park.

Justification
 Kiwanis playground was installed in 1999. The 2017 Park Master Plan prioritizes renovation of the nature play area, shelter and accessible paths.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			30,000			30,000
CONSTRUCTION			300,000			300,000
INSPECTION			5,000			5,000
ADMINISTRATION			5,000			5,000
CONTINGENCY			30,000			30,000
Total			370,000			370,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			370,000			370,000
Total			370,000			370,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # R4362
 Project Name Napoleon Park Softball Fields 5-8 Renovation

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 15 years
 Category Parks Maintenance
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$450,000
 This project will renovate and enhance fields 5-8 at the Napoleon Park Softball Complex. The project will include the laser grading infields, the addition of drainage tile, and new outfield turf.

Justification
 In 2013 we completed this process on fields 1-4 at Napoleon. Fields 5-8 currently have water retention and playability issues that present maintenance and play challenges thus limiting their use.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			50,000			50,000
CONSTRUCTION			380,000			380,000
INSPECTION			5,000			5,000
CONTINGENCY			15,000			15,000
Total			450,000			450,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			450,000			450,000
Total			450,000			450,000

Budget Impact/Other
 The operating budget for this facility will remain the same.

Project # **R4363**
 Project Name **Upper City Park Shelters & Restroom Replacement**

Department **PARKS & RECREATION**
 Contact **Juli Seydell-Johnson**
 Type **One Phase**
 Useful Life **20 years**
 Category **Parks Maintenance**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **Park Master Plan**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$660,000
 This project will demolish four picnic shelters and one restroom in Upper City Park and replace these with one large and two small shelters and restroom facility.

Justification
 The three picnic shelters and restroom in Upper City Park are well used by the public. The 2017 Park Master Plan rated them as fair with a number of accessibility and maintenance concerns.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					50,000	50,000
CONSTRUCTION					550,000	550,000
INSPECTION					5,000	5,000
ADMINISTRATION					5,000	5,000
CONTINGENCY					50,000	50,000
Total					660,000	660,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS					660,000	660,000
Total					660,000	660,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # **R4365**
 Project Name **Hickory Hill Park Conklin St Shelter & Restrooms**

Department **PARKS & RECREATION**
 Contact **Juli Seydell-Johnson**
 Type **One Phase**
 Useful Life **20 years**
 Category **Parks Maintenance**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **Park Master Plan**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$245,000
 Replace picnic shelter and restrooms at Conklin Street entrance to Hickory Hill Park.

Justification
 The rest rooms and shelter at this location were noted as poor condition with a number of accessibility concerns in the restrooms by the 2017 Park Master Plan. The plan recommended replacement of these facilities. This also follows recommendations of the 2016 Hickory Hill Park Master Plan.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				20,000		20,000
CONSTRUCTION				200,000		200,000
INSPECTION				2,500		2,500
ADMINISTRATION				2,500		2,500
CONTINGENCY				20,000		20,000
Total				245,000		245,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				245,000		245,000
Total				245,000		245,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # R4366
 Project Name Glendale Park Shelter & Playground Replacement

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$275,000
 Replace playground and add picnic shelter, park sign and creek access at Glendale Park. Add concrete paths for increased accessibility.

Justification
 The play area lacks accessible paths and safety surface. The 2017 Park Master Plan recommends replacement with a further recommendation to enhance access to Ralston Creek for nature play.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		17,500				17,500
CONSTRUCTION		235,000				235,000
INSPECTION		2,500				2,500
ADMINISTRATION		2,500				2,500
CONTINGENCY		17,500				17,500
Total		275,000				275,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS		275,000				275,000
Total		275,000				275,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # R4367
 Project Name Napoleon, Scott, Fairmeadows Parks Rehabilitation

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$520,000
 Replace Napoleon Park playground and add paths for increased accessibility.
 Replace Scott Park playground and picnic shelter and add concrete paths for increased accessibility.
 Replace Fairmeadows shelter, park sign and small child playground.

Justification
 The Napoleon Park playground was originally installed in 2001 and is nearing the end of its servicable life. The 2017 Park Master Plan noted accessibility and maintenance concerns and recommended replacement.
 The Scott Park playground and shelter were installed in 1999 and are nearing the end of their servicable life. The play area lacks accessible paths and safety surface.
 The Fairmeadows Park playground was noted as fair/poor condition with accessibility concerns in the 2017 Park Master Plan. Shelter needs renovation due to maintenance concerns and increased use from splash pad users.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	45,000					45,000
CONSTRUCTION	425,000					425,000
INSPECTION	7,500					7,500
ADMINISTRATION	7,500					7,500
CONTINGENCY	35,000					35,000
Total	520,000					520,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS	520,000					520,000
Total	520,000					520,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # R4368
 Project Name Court Hill Park Shelter & Playground Replacement

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$400,000
 Replace playground and two picnic shelters at Court Hill Park. Project also adds concrete paths for increased accessibility and additional opportunities for creek access.

Justification
 The playground and shelter were installed in 1994 and are nearing the end of their servicable life. The play area lacks accessible paths and safety surface. The 2017 Park Master Plan recommends replacement. This park also presents opportunities to provide access to Ralston Creek for play and exploration.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			30,000			30,000
CONSTRUCTION			340,000			340,000
INSPECTION			10,000			10,000
CONTINGENCY			20,000			20,000
Total			400,000			400,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			400,000			400,000
Total			400,000			400,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # R4369
 Project Name Mercer Park Pool - Dehumidification/Tuckpointing

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Recreation
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN Facilities Master Plan
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$927,569

This project will allow for HVAC and dehumidification upgrades to the Mercer Aquatic Center and Scanlon Gymnasium. This project will also address large areas of necessary tuck pointing and masonry repair and repairs on the interior columns neighboring the natatorium. The work will also address the moisture issues from the Kalwall skylight system and rusted lintels around the doors, windows and above the columns in the courtyard.

Justification

The 2012 City Space Needs Study and Master plan, identified the HVAC systems as deficient, energy inefficient and requiring an update through out the facility. The recent HVAC Mercer/Scanlon study and equipment review, identified the HVAC equipment that requires replacement. The majority of the HVAC equipment has been operating continuously since 1999 and many components and system are at the end of their useful life. The original system did not have dehumidification; from the 2012 facilities report, this is causing structural issues from the interior moisture, with rusted lintels and door/window frames and tuckpointing issues in the masonry. This project would help resolve the humidity issues in the facility and the related masonry and lintel repairs.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	85,119					85,119
CONSTRUCTION	794,950					794,950
CONTINGENCY	47,500					47,500
Total	927,569					927,569

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND	227,569					227,569
GO BONDS	700,000					700,000
Total	927,569					927,569

Budget Impact/Other

This update to equipment should lesson the need for repairs and staff overtime to fix equipment issues. Th expected annual savings is less than \$10,000.

Project # R4370
 Project Name Robert A. Lee Recreation Center Pool Filter & HVAC

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 25 years
 Category Recreation
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Facilities Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$700,000
 This project would include the replacement of the existing pool filters, the addition of a UV system, and a new pool dehumidification system at the Robert A. Lee Recreation Center swimming pool.

Justification
 The current filters are past their life expectancy and are contributing to water quality issues. The dehumidification system will help with pool comfort level and air quality. The UV system is an additional disinfectant for pool water and standard for new pools and pool renovations.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		60,000				60,000
CONSTRUCTION			600,000			600,000
CONTINGENCY			40,000			40,000
Total		60,000	640,000			700,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			700,000			700,000
Total			700,000			700,000

Budget Impact/Other
 Operating costs should decrease slightly due to better monitoring of pool chemicals and water use from new equipment and software. Expected annual savings is less than \$10,000 per year.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # R4371
 Project Name Happy Hollow Playground Replacement

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$150,000
 Playground replacement at Happy Hollow Park.

Justification
 The playground is scheduled for replacement in the 2017 Park Master Plan due to age and condition.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				5,000		5,000
CONSTRUCTION				130,000		130,000
INSPECTION				2,500		2,500
ADMINISTRATION				2,500		2,500
CONTINGENCY				10,000		10,000
Total				150,000		150,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				150,000		150,000
Total				150,000		150,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # R4372
 Project Name Terrell Mill Skate Park Redevelopment

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$600,000
 This project renovates the skate park and adds access paths.

Justification
 The skatepark is nearing an age where replacement is necessary for it to continue to draw skaters as well as for improved maintenance and safety. This project is recommended by the 2017 Park Master Plan.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					50,000	50,000
CONSTRUCTION					500,000	500,000
INSPECTION					5,000	5,000
ADMINISTRATION					5,000	5,000
CONTINGENCY					40,000	40,000
Total					600,000	600,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS					600,000	600,000
Total					600,000	600,000

Budget Impact/Other
 The budget impact of this project is negligible as it replaces outdated infrastructure and adds a minimal amount of new infrastructure.

Project # R4373
 Project Name City Park Ball Field Improvements

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type Multi-Phase
 Useful Life 15 years
 Category Parks Maintenance
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$325,000
 Updates to City Park Baseball fields to improve safety, access, playability and appearance of complex. Laser grading of all fields, upgrading outfield fences on three fields, dugout upgrades for three fields. May also include upgrade to LED lighting, shade structures for bleachers, and new batting cages.

Justification
 The baseball diamonds in City Park are in poor condition due to prior flooding and age. These improvements are needed to allow for continued use of the City Park baseball fields.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
50,000	CONSTRUCTION	100,000	175,000				275,000
Total	Total	100,000	175,000				275,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
50,000	GENERAL FUND	100,000	175,000				275,000
Total	Total	100,000	175,000				275,000

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

Project # R4374
 Project Name Mercer Park Ball Diamond Improvements

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type Multi-Phase
 Useful Life 15 years
 Category Parks Maintenance
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE ICCSD PLAN None
 MATCH % VARIES TIF DISTRICT None

Description Total Project Cost: \$1,250,000
 First phase will implement field drainage, safety and access improvements. Second phase would convert existing infield and outfield from natural materials to synthetic turf. Additional modifications would also include new field and bullpen fencing.

Justification
 Hitchcock Design has been contracted to evaluate the complex for draining, safety and access priorities. Mercer Park Ball Diamond 1 is the premier large field in our system. It is used primarily by City High for varsity baseball and adult baseball league rentals. The conversion to synthetic turf would decrease continuing maintenance costs and allow for increased play through a longer season. Projects to be cost shared with ICCSD and Youth Sport Associations.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			75,000	20,000		95,000
CONSTRUCTION	100,000		700,000	160,000		960,000
ADMINISTRATION			75,000	10,000		85,000
CONTINGENCY			100,000	10,000		110,000
Total	100,000		950,000	200,000		1,250,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND	100,000		250,000	200,000		550,000
GO BONDS			700,000			700,000
Total	100,000		950,000	200,000		1,250,000

Budget Impact/Other
 The conversion to synthetic turf would decrease continuing maintenance costs and allow for increased play through a longer season. The effect on the operating budget would be positive, and is expected to be between \$10,000 and \$20,000 per year.

Project # R4375
 Project Name Hunter's Run Park Playground & Shelter

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$250,000
 Replace playground and one shelter, and adds additional access paths from street and sidewalk.

Justification
 Project is prioritized in the 2017 Park Master Plan based on age and condition of current structures.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				25,000		25,000
CONSTRUCTION				200,000		200,000
INSPECTION				2,500		2,500
ADMINISTRATION				2,500		2,500
CONTINGENCY				20,000		20,000
Total				250,000		250,000
Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				250,000		250,000
Total				250,000		250,000

Budget Impact/Other
 No impact on operating budget as these are replacements for current facilities.

Project # **R4376**
 Project Name **Hwy 6 Trail - Fairmeadows to Heinz**

Department **PARKS & RECREATION**
 Contact **Zachary Hall**
 Type **One Phase**
 Useful Life **40 Years**
 Category **Parks Maintenance**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **TRAILS GRANT** PLAN **Bike Master Plan**
 MATCH % **30%** TIF DISTRICT **None**

Description Total Project Cost: \$600,000
 The project includes approximately 0.8 miles of 10-foot wide trail along the south side of Hwy 6, from Fairmeadows Boulevard to Heinz Road.

Justification
 This trail segment has been identified as a priority in a number of City of Iowa City planning efforts and is a prioritized in-fill section, which address a gap in the City of Iowa City's side path network. A side path is necessary in this area due to the high volume and high speeds of vehicular traffic on Highway 6.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	65,000					65,000
LAND/ROW ACQUISITION	25,000					25,000
CONSTRUCTION		418,000				418,000
INSPECTION		21,000				21,000
ADMINISTRATION		21,000				21,000
CONTINGENCY		50,000				50,000
Total	90,000	510,000				600,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS		162,000				162,000
OTHER STATE GRANTS		438,000				438,000
Total		600,000				600,000

Budget Impact/Other
 This project will add trail 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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # R4377
 Project Name Terry Trueblood Woodland & Prairie Restoration

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 10 years
 Category Parks Maintenance
 Priority Critical (1)
 Status Active

GRANTEE REAP PLAN Natural Areas Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$200,000
 Ecological restoration of Terry Trueblood Recreation Area woodland and lowland areas adjacent to Iowa River. Contracted invasive species removal, woodland, wetland and prairie restoration.

Justification
 This project follows the recommendations of the 2017 Natural Areas Plan. A Iowa DNR Resource Enhancement and Protection Grant has been secured for the project.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION	200,000					200,000
Total	200,000					200,000

Funding Sources	2020	2021	2022	2023	2024	Total
OTHER STATE GRANTS	200,000					200,000
Total	200,000					200,000

Budget Impact/Other
 This will have minimal impact on operating budget.

Project # R4378
 Project Name N. Market Square Playground Replacement

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$350,000
 Replace playground at North Market Square Park. This includes replacing rubber mat surface with engineered wood fiber. Adjacent elementary school playground has poured in place surfacing.

Justification
 This replacement follows recommendation of 2017 Park Master Plan. Playground components are aging and becoming difficult to repair and replace.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					20,000	20,000
CONSTRUCTION					300,000	300,000
INSPECTION					10,000	10,000
CONTINGENCY					20,000	20,000
Total					350,000	350,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS					350,000	350,000
Total					350,000	350,000

Budget Impact/Other
 There will be slightly less maintenance costs due to the replacement of older equipment. The expected annual savings is less than \$5,000 per year.

Project # R4379
 Project Name Reno Street Park Renovations

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Park Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$250,000
 Replace playground at Reno Street Park. Add ADA compliant paths, park furnishings and fence to community garden.

Justification
 This replacement follows recommendation of 2017 Park Master Plan. Playground components are aging and becoming difficult to repair and replace. This park lacks ADA compliant paths.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					20,000	20,000
CONSTRUCTION					200,000	200,000
INSPECTION					10,000	10,000
CONTINGENCY					20,000	20,000
Total					250,000	250,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS					250,000	250,000
Total					250,000	250,000

Budget Impact/Other
 There will be slightly less maintenance costs due to the replacement of older equipment. The expected annual savings is less than \$5,000 per year.

Project # R4381
 Project Name Event Facility Improvements

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$300,000
 On-going repairs and improvements at Terry Trueblood Lodge, Terry Trueblood concession building and Ashton House Event Facility. 2020 - Exterior staining of TTRA Lodge & Concession buildings; 2021 - BAS replacement Ashton; 2022 - BAS replacement TTRA; 2023 - Ashton permeable paved parking addition; 2024 - Undesignated.

Justification
 These facilities are maintained for city events and private event rentals. Exterior finish of TTRA buildings requires period staining has not been done since building was constructed. Install BAS replacements to add these buildings to the Niagra monitoring system to create operational efficiency. A Project Green request will be made for additional parking.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				25,000		25,000
CONSTRUCTION				250,000		250,000
CONTINGENCY				25,000		25,000
Total				300,000		300,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND				300,000		300,000
Total				300,000		300,000

Budget Impact/Other
 This project should have a minimal impact on the annual operating budget.

Project # R4382
 Project Name Off Road Bike Trail Development

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Non-essential (5)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$180,000
 Build off-road "single track" trail course for biking at location to be determined.

Justification
 Bicycling is a growing activity in the area. This course will provide area for new off-road cyclists to learn the sport and more experienced bicyclist to practice and compete. This supports the 2017 Park Master Plan which has a goal that all Iowa City children learn bicycle skills and add the growing collection of similar facilities in the region acting as a tourist destination.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			15,000			15,000
CONSTRUCTION			150,000			150,000
INSPECTION			5,000			5,000
CONTINGENCY			10,000			10,000
Total			180,000			180,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND			180,000			180,000
Total			180,000			180,000

Budget Impact/Other
 Facility will require maintenance similar to other trails and disc golf areas. No new staff are anticipated. Estimated annual maintenance costs are less than \$10,000 per year.

Project # R4383
 Project Name Pedestrian Mall Playground

Department PARKS & RECREATION
 Contact Juli Seydell-Johnson
 Type One Phase
 Useful Life 20 years
 Category Parks Maintenance
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT City-University

Description Total Project Cost: \$400,000
 Replacement of the Ped Mall playground and poured in place safety surface.

Justification
 The Ped Mall playground is quickly nearing the end of its useful life. Replacements parts are being discontinued making component repairs and replacements difficult.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				20,000		20,000
CONSTRUCTION				350,000		350,000
INSPECTION				10,000		10,000
CONTINGENCY				20,000		20,000
Total				400,000		400,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				400,000		400,000
Total				400,000		400,000

Budget Impact/Other
 This project will not have an impact on the operating budget.

Project # Y4445
 Project Name Digital Photo Evidence Management

Department POLICE
 Contact Jody Matherly
 Type One Phase
 Useful Life 10 years
 Category Police
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$90,000
 Acquisition and purchase of an Evidence Management System that will enhance the efficiency and accuracy of submitting, cataloging, retrieving and distributing digital evidence.

Justification
 Currently evidence photographs/videos must be cataloged on paper, transferred to DVD disks and submitted to evidence for storage. Upon request for viewing/copies to attorneys these disks must be located, replicated and distributed, a very time consuming and antiquated process by today's standards. This new system that will allow upload directly into the system, create photo logs and associated information and file it under the proper incident number for ease of retrieval while maintaining high security, making the entire department efficient.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT		90,000				90,000
Total		90,000				90,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND		90,000				90,000
Total		90,000				90,000

Budget Impact/Other
 This system will save much time for the officers submitting evidence to the property room managers retrieving the evidence. This project will also require \$3,500 annual license fee. The project is estimated to reduce annual operating expenditures by \$5,000 to \$10,000 due to reduced staff time.

Project # L3328
 Project Name Landfill Equipment Building Replacement

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 35 Years
 Category Landfill
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Facilities Master Plan
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$1,100,000
 This project would consist of the replacement and resizing of the landfill equipment storage buildings, currently known as Building A and Building B.

Justification
 These buildings are in poor condition and can not currently fit our equipment in them. This leaves our equipment exposed to the elements causing unnecessary wear and excessive downtime.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		100,000				100,000
CONSTRUCTION			950,000			950,000
CONTINGENCY			50,000			50,000
Total		100,000	1,000,000			1,100,000

Funding Sources	2020	2021	2022	2023	2024	Total
LANDFILL FUND		100,000	1,000,000			1,100,000
Total		100,000	1,000,000			1,100,000

Budget Impact/Other
 Should be minimal decrease in operating cost due to poor condition of current structures. The cost to insure the buildings should increase operating expenditures. The net increase in estimated annual expenditures is less than \$10,000 per year.

Project # L3333
 Project Name Compost Pad Improvements

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 7 years
 Category Landfill
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$330,000
 The landfill's six-acre compost pad will be backfilled in multiple areas to fill large pits. An asphalt layer will be added to cover the rock and a seal coat will be applied to prevent liquids from seeping. A seal coat will be added to cover the raw millings on the eastern half of the pad that has not been sealed in the past.

Justification
 Deferred maintenance over many years has resulted in the need for repair to the landfill's six-acre compost and wood processing pad to ensure customer safety and regulatory compliance. The pad must meet the Iowa Department of Natural Resources' requirements for impermeability and for stormwater control.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		30,000				30,000
CONSTRUCTION			300,000			300,000
Total		30,000	300,000			330,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
250,000	LANDFILL FUND			80,000			80,000
Total	Total			80,000			80,000

Budget Impact/Other
 An improved surface will reduce equipment repair costs and reduce customer safety issues/potential liability claims. The estimated annual savings is less than \$10,000 per year.

Project # L3334
 Project Name South Side Recycling Site

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 20 years
 Category Landfill
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$520,000

A new drop-off site would require several acres of paving, storm water infrastructure, two material compactors with electrical infrastructure, seven roll-off bins, fencing, lighting, signage and minimal landscaping. Depending on the location, the project could also include basic amenities for cyclists.

Justification
 Since a fire closed down a privately-owned recycling facility in early 2018, the City's other three drop-off sites have at times been at capacity. Members of the public also regularly request other options for drop-off recycling site locations. A site on the south side would reduce pressure on existing sites, improve efficiencies based on proximity to the City's recycling vendor and address the public's requests for another drop-off site near a growing area of town.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION					395,000	395,000
EQUIPMENT					125,000	125,000
Total					520,000	520,000

Funding Sources	2020	2021	2022	2023	2024	Total
LANDFILL FUND					520,000	520,000
Total					520,000	520,000

Budget Impact/Other
 The site will be serviced by existing Resource Management staff and equipment, similar to the City's other three drop-off sites. There will be an increase in operating expenditures due to the additional staffing, maintenance, insurance, utilities, and other operating costs. The estimated additional expenditures is \$100,000 to \$150,000 per year.

Project # L3335
 Project Name Landfill Dual Extraction System Expansion

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 25 years
 Category Landfill
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$500,000
 This project includes the design and installation of an expansion of the Landfill Dual Extraction System, which was originally constructed in 2018 including the addition of SCADA monitoring on new and existing pumps. This project will expand the current system to an additional eight or nine wells. The expansion of this system will continue to improve landfill gas extraction as well as limit potential effects of landfill gas, leachate migration, and positively impact groundwater in more portions of the site.

Justification
 The expansion of the Landfill's Dual Extraction System will positively impact eight or nine more wells, which have liquid levels that are close to or exceed the screen within them. Having high liquid levels limits or prevents gas from being able to be pulled from those wells. Expansion of the Dual Extraction System will allow landfill operators to better control leachate and gas management onsite. This will enhance operator functionality and reduce manual labor time.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			41,000			41,000
CONSTRUCTION				400,000		400,000
INSPECTION				50,000		50,000
ADMINISTRATION			4,000	5,000		9,000
Total			45,000	455,000		500,000

Funding Sources	2020	2021	2022	2023	2024	Total
LANDFILL FUND			45,000	455,000		500,000
Total			45,000	455,000		500,000

Budget Impact/Other
 Some ongoing maintenance is anticipated, but is expected to be less than \$10,000 per year.

Project # L3336
 Project Name Excavator and Haul Truck

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 10 years
 Category Landfill
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$1,100,000

The landfill's current method of hauling daily cover dirt is with a 1997 model Caterpillar 627F scaper. The scraper can only be used to haul dirt and is in need of replacement after many years of repair that have cut significantly into reserves for replacement. Minimal funding is available for replacement for the scraper; an excavator and haul truck would replace the scraper.

Justification

An excavator and haul truck are more efficient, safer and will likely incur fewer expenditures due to wear and tear. While the overall cost is approximately 20% more than a new scraper, the excavator and haul truck can be used on numerous projects other than hauling daily cover dirt.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT	1,100,000					1,100,000
Total	1,100,000					1,100,000

Funding Sources	2020	2021	2022	2023	2024	Total
LANDFILL FUND	1,100,000					1,100,000
Total	1,100,000					1,100,000

Budget Impact/Other

The equipment will be operated with current staff. It is anticipated that the excavator and haul truck will show savings in operational and maintenance cost over the current scraper; however, annual replacement charges should increase. The estimated annual increase in operating expenditures is \$100,000 to \$150,000 per year.

Project # L3337
 Project Name Fully Automated Curbside Collections Truck

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 7 years
 Category Refuse Operations
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$550,000

This project allows for the purchase of two fully automated packer trucks for curbside collections to support a third organics collection route. With the distribution of recycling carts to most households and organics carts to a growing number of households, a fully automated truck can now be efficiently utilized on any route and would allow for flexibility of staff and equipment.

Justification

With recent changes and promotion of the organics collection program, tonnages collected at the curb have almost doubled over the past two years (142 tons/month in 2017 to 264 tons/month in 2019 to date). An additional fully automated packer truck would allow for the addition of an organics route; currently there are 4 daily trash routes, 5 daily recycling routes and 2 daily organics routes. One staff person could run any collection route faster and more efficiently than the current semi-automated recycling and organics trucks.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT		550,000				550,000
Total		550,000				550,000

Funding Sources	2020	2021	2022	2023	2024	Total
REFUSE COLLECTION FUND		550,000				550,000
Total		550,000				550,000

Budget Impact/Other

The trucks will require additional replacement charges, fuel, and insurance. The estimated annual increase in operating expenditures is \$50,000 to \$100,000.

Project # L3338
 Project Name Future Landfill Cell Design

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 10 years
 Category Landfill
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$250,000
 This project allows for the design of the next landfill cell.

Justification
 The current landfilling and compaction rates allows for approximately 6.8 years of capacity in the existing cells. New cells take two to three years to design and construct.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				250,000		250,000
Total				250,000		250,000

Funding Sources	2020	2021	2022	2023	2024	Total
LANDFILL FUND				250,000		250,000
Total				250,000		250,000

Budget Impact/Other
 This project will have a negligible impact on the operating budget.

Project # L3339
 Project Name Organics Grinder Upsize

Department PUBLIC WORKS
 Contact Jen Jordan
 Type One Phase
 Useful Life 10 years
 Category Landfill
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$300,000
 The project covers the cost of upsizing the current organics program wood and yard waste/food waste grinder from a Vermeer HG6000 horizontal grinder (\$538,000) to a Vermeer HG6800TX horizontal grinder (\$925,000). The trade-in value and current reserves on the existing equipment fall \$300,000 short of the price of the larger grinder.

Justification
 The current grinder due for replacement. The grinder meets current processing (throughput capacity and speed) requirements most of the time; however, upsizing the grinder one size would allow for meeting processing needs all of the time and would allow for continued growth of the organics processing program.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT	300,000					300,000
Total	300,000					300,000

Funding Sources	2020	2021	2022	2023	2024	Total
LANDFILL FUND	300,000					300,000
Total	300,000					300,000

Budget Impact/Other
 The larger grinder will allow for faster processing to accommodate more material. Staff time will likely be equal as more material is processed. The equipment replacement charges would increase with the more expensive equipment. The estimated annual increase in operating expenditures is \$35,000 to \$50,000.

Project # M3632
 Project Name Lower Muscatine Area Storm Sewer Improvements

Department PUBLIC WORKS
 Contact Jason Havel
 Type One Phase
 Useful Life 50 years
 Category Storm Water
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

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.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
75,000	CONSTRUCTION	525,000					525,000
	INSPECTION	50,000					50,000
Total	CONTINGENCY	100,000					100,000
	Total	675,000					675,000
Funding Sources		2020	2021	2022	2023	2024	Total
	STORM WATER FUND	750,000					750,000
	Total	750,000					750,000

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

Project # M3633
 Project Name North Westminster Storm Sewer Upgrades

Department PUBLIC WORKS
 Contact Ben Clark
 Type One Phase
 Useful Life 50 years
 Category Storm Water
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$1,180,000
 This project will increase the storm sewer capacity on North Westminster Drive and Washington Street.

Justification
 The North Westminster Drainage Area was studied in response to reported flash flooding near the intersection of North Westminster Street and Washington Street. The study confirmed that sections of the storm sewer system are inadequate to convey runoff for the City's current 5-year design storm criteria. Surface flooding at these two locations can be deep enough to cover the width of the roadway, overtop the curb and flow on to adjacent properties, creating a potential for property damage and a public safety concern for vehicles.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		140,000				140,000
CONSTRUCTION			920,000			920,000
INSPECTION			20,000			20,000
ADMINISTRATION			10,000			10,000
CONTINGENCY			90,000			90,000
Total		140,000	1,040,000			1,180,000

Funding Sources	2020	2021	2022	2023	2024	Total
STORM WATER FUND		140,000	1,040,000			1,180,000
Total		140,000	1,040,000			1,180,000

Budget Impact/Other
 Replacing 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 # M3634
 Project Name Rundell Street Pump Station Vault Modifications

Department PUBLIC WORKS
 Contact Ben Clark
 Type One Phase
 Useful Life 50 years
 Category Storm Water
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$145,000
 This project will modify the top of the vault and hatches in order to accommodate ADA compliant sidewalks. It will also include replacement of the trash rack screen and other associated pump station components.

Justification
 The location of the vault and hatches creates a maintenance issue and prohibits the installation of ADA compliant sidewalks. This pump station was installed 36 years ago and some of the components are in need of replacement.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				20,000		20,000
CONSTRUCTION				100,000		100,000
INSPECTION				10,000		10,000
ADMINISTRATION				5,000		5,000
CONTINGENCY				10,000		10,000
Total				145,000		145,000

Funding Sources	2020	2021	2022	2023	2024	Total
STORM WATER FUND				145,000		145,000
Total				145,000		145,000

Budget Impact/Other
 There is no anticipated impact to the operating budget.

Project # M3635
 Project Name River Street Storm Sewer Improvements

Department PUBLIC WORKS
 Contact Ben Clark
 Type One Phase
 Useful Life 50 years
 Category Storm Water
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$850,000

This project will install storm sewer pipe in an open ditch along the west side of River Street, north of the lower Lincoln School parking lot. A five-foot-wide compliant sidewalk will replace the existing walk.

Justification

The existing open channel storm water drainage ditch is deteriorating and is susceptible to blockage from debris. Utility services have been exposed to the surface due to erosion along the bottom of the ditch. Further erosion will potentially impact the sidewalk and street. A compliant sidewalk will facilitate pedestrian traffic to the school.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					90,000	90,000
LAND/ROW ACQUISITION					10,000	10,000
CONSTRUCTION					600,000	600,000
INSPECTION					60,000	60,000
ADMINISTRATION					30,000	30,000
CONTINGENCY					60,000	60,000
Total					850,000	850,000

Funding Sources	2020	2021	2022	2023	2024	Total
STORM WATER FUND					850,000	850,000
Total					850,000	850,000

Budget Impact/Other

There is no anticipated impact to operating budget.

Project # M3636
 Project Name Petsel Place Storm Sewer Improvements

Department PUBLIC WORKS
 Contact Ben Clark
 Type One Phase
 Useful Life 50 years
 Category Storm Water
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$331,000
 The project will replace aging infrastructure that includes undersized storm sewer.

Justification
 The existing storm sewer pipe at the west end of Petsel Place has reached the end of its useful life. Additionally, the pipe undersized and the street is susceptible to nuisance flooding. This project will reconfigure the pavement and storm sewer infrastructure to current standards and will help alleviate nuisance flooding.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		35,000				35,000
LAND/ROW ACQUISITION		10,000				10,000
CONSTRUCTION		230,000				230,000
INSPECTION		23,000				23,000
ADMINISTRATION		10,000				10,000
CONTINGENCY		23,000				23,000
Total		331,000				331,000

Funding Sources	2020	2021	2022	2023	2024	Total
STORM WATER FUND		331,000				331,000
Total		331,000				331,000

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 # M3637
 Project Name Court Hill Storm Water Facility Restoration

Department PUBLIC WORKS
 Contact Ben Clark
 Type Unassigned
 Useful Life 50 years
 Category Storm Water
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$120,000
 This project will remove overgrown volunteer trees in a storm water management facility. Site grading and surface restoration will be necessary and well as mitigating groundwater.

Justification
 Storm sewer and sanitary sewer structures are impacted by the conditions and have a great need of mitigation and restoration.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		20,000				20,000
CONSTRUCTION		100,000				100,000
Total		120,000				120,000

Funding Sources	2020	2021	2022	2023	2024	Total
STORM WATER FUND		120,000				120,000
Total		120,000				120,000

Budget Impact/Other
 The improvements will help reduce the cost of management during rain events. The estimated impact is less than \$10,000 per year.

Project # P3985
 Project Name Sand/Salt Storage Bunkers

Department PUBLIC WORKS
 Contact Brock Holub
 Type One Phase
 Useful Life 50 years
 Category Public Works Administration
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$410,000
 Covered outdoor areas that will allow for improved storage of sand/salt mixture and other materials. These storage areas were originally included in the Public Works Facility project, but were removed due to budget constraints. The storage areas can also be used to store topsoil for use during construction season.

Justification
 Storage of the City's sand/salt mixture in a covered location provides several benefits. Covered storage helps to minimize the material getting wet, which can lead to the salt becoming dissolved and washing down the sewer. During cold weather, the wet material can freeze together in large chunks, making it difficult to load and spread the material effectively. Covered storage bins also provide flexibility to carry more salt through the summer months, if needed.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	20,000					20,000
CONSTRUCTION	380,000					380,000
CONTINGENCY	10,000					10,000
Total	410,000					410,000

Funding Sources	2020	2021	2022	2023	2024	Total
ROAD USE TAX FUND	210,000					210,000
Total	210,000					210,000

Budget Impact/Other
 This improvement will increase operating expenditure due to occasional maintenance. The expected increase in expenditures is less than \$10,000 per year.

Project # **S3854**
 Project Name **American Legion Rd-Scott Blvd to Taft Ave**

Department **PUBLIC WORKS**
 Contact **Scott Sovers**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **STP** PLAN **Transportation Plan**
 MATCH % **70%** TIF DISTRICT **None**

Description Total Project Cost: \$9,022,000
 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.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
578,000	LAND/ROW ACQUISITION	926,000					926,000
	CONSTRUCTION	6,940,000					6,940,000
Total	INSPECTION	289,000					289,000
	ADMINISTRATION	289,000					289,000
	Total	8,444,000					8,444,000
	Funding Sources	2020	2021	2022	2023	2024	Total
	CONTRIBUTIONS & DONATIONS	100,000					100,000
	FEDERAL GRANTS	4,070,660					4,070,660
	GO BONDS	4,851,340					4,851,340
	Total	9,022,000					9,022,000

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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

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** PLAN **Transportation Plan**
 MATCH % **20%** TIF DISTRICT **None**

Description Total Project Cost: \$5,420,000

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. This project extends City water main along Melrose Avenue/TWV Road, from Slothower Road to Hebl Avenue, and along Hebl Avenue to the Landfill. Approximately 8,500 feet of water main (400 ft 12" ductile iron and 8,000 feet of 8" PVC).

Justification

Melrose Avenue/TWV Road is in poor condition and needs to be reconstructed to current design standards. Currently, the Landfill also does not have access to City water, and utilizes a well to provide water for the site. The project provides City water to be used for Landfill operations, fire protection and staff use.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
360,000	CONSTRUCTION		4,500,000				4,500,000
	INSPECTION		205,000				205,000
Total	ADMINISTRATION		55,000				55,000
	CONTINGENCY		300,000				300,000
	Total		5,060,000				5,060,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
110,000	FEDERAL GRANTS		930,000				930,000
Total	GO BONDS		1,780,000				1,780,000
	LANDFILL FUND		1,000,000				1,000,000
	OTHER LOCAL GOVERNMENTS		1,600,000				1,600,000
	Total		5,310,000				5,310,000

Budget Impact/Other

This project is replacing existing infrastructure and should reduce future roadway maintenance costs. This project, however, will increase the city's maintenance expenditures due to the addition of water main into the system. The net estimated change in operating expenditures is an increase of less than \$10,000 per year.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3939**
 Project Name **Dubuque Street Reconstruction**

Department **PUBLIC WORKS**
 Contact **Geoff Fruin**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Critical (1)**
 Status **Active**

GRANTEE **NONE** PLAN **Downtown Streetscape Plan**
 MATCH % **NONE** TIF DISTRICT **City-University**

Description

Total Project Cost: \$3,000,000

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. Project also includes alley improvements, lighting, and wayfinding.

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	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			300,000			300,000
CONSTRUCTION				2,100,000		2,100,000
INSPECTION				200,000		200,000
CONTINGENCY				400,000		400,000
Total			300,000	2,700,000		3,000,000
Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				2,700,000		2,700,000
STORM WATER FUND				300,000		300,000
Total				3,000,000		3,000,000

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.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # S3940
 Project Name Kirkwood Avenue to Capitol Street Connection

Department PUBLIC WORKS
 Contact Scott Sovers
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN Riverfront Crossings Master Pla
 MATCH % NONE TIF DISTRICT Riverfront Crossings

Description

Total Project Cost: \$3,000,000

This project would extend Capitol Street and Kirkwood Avenue as a part of the Riverfront Crossing area improvements. The project also includes replacement of the 12-inch water main on Capitol Street between Benton Street and the railroad to the north, water main improvements at the Benton and Clinton intersection and removal of the railroad spur across Benton Street.

Justification

The extensions of these streets plays an important part in the overall development of the Riverfront Crossings area. It will also improve access and traffic circulation in this area. This project does not include any costs necessary for property acquisitions.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			300,000			300,000
CONSTRUCTION				2,300,000		2,300,000
INSPECTION				125,000		125,000
ADMINISTRATION				125,000		125,000
CONTINGENCY				150,000		150,000
Total			300,000	2,700,000		3,000,000
Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				2,700,000		2,700,000
STORM WATER FUND				300,000		300,000
Total				3,000,000		3,000,000

Budget Impact/Other

Ongoing maintenance of new poles and lighting units. Existing lights are being maintained, and new lights would likely require less maintenance in the future as compared to the existing lights. Estimated annual operating expenditures are less than \$10,000 per year.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # S3944
 Project Name First Ave/Scott Blvd Intersection Improvements

Department PUBLIC WORKS
 Contact Jason Havel
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$1,400,000
 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.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
200,000	CONSTRUCTION	1,000,000					1,000,000
	INSPECTION	50,000					50,000
	ADMINISTRATION	50,000					50,000
	CONTINGENCY	100,000					100,000
	Total	1,200,000					1,200,000
Funding Sources		2020	2021	2022	2023	2024	Total
	GO BONDS	1,400,000					1,400,000
	Total	1,400,000					1,400,000

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.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # S3946
 Project Name Court Street Reconstruction

Department PUBLIC WORKS
 Contact Scott Sovers
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$6,345,000
 This project will reconstruct Court Street from Muscatine Avenue to 1st Avenue.

Justification
 Court Street is an important collector street that connects the east side of Iowa City to the Downtown area. The project will replace aging street and sidewalk pavement that is in poor condition and upgrade public utilities as needed.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	550,000					550,000
LAND/ROW ACQUISITION	225,000					225,000
CONSTRUCTION			4,900,000			4,900,000
INSPECTION			185,000			185,000
ADMINISTRATION			185,000			185,000
CONTINGENCY			300,000			300,000
Total	775,000		5,570,000			6,345,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS	775,000		5,570,000			6,345,000
Total	775,000		5,570,000			6,345,000

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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3947**
 Project Name **Benton Street Rehabilitation Project**

Department PUBLIC WORKS
 Contact Jason Havel
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE STP PLAN None
 MATCH % 30% TIF DISTRICT None

Description Total Project Cost: \$2,810,000
 This project will include PCC Patching and HMA Overlay of Benton Street from Mormon Trek Boulevard to 150' east of Benton Drive. In addition, the project will include striping bike lanes on Benton Street and updating ADA curb ramps.

Justification
 Benton Street is an arterial street that extends from Van Buren Street near the downtown area to the west side of Iowa City. The current PCC street has severe cracking and panel faulting that result in a rough pavement ride. The project will include full depth pavement repair and overlay of the concrete surface with Hot Mix Asphalt. The project will also upgrade sidewalk curb ramps to current ADA standards.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	200,000					200,000
LAND/ROW ACQUISITION	50,000					50,000
CONSTRUCTION		1,900,000				1,900,000
INSPECTION		140,000				140,000
ADMINISTRATION		140,000				140,000
CONTINGENCY		380,000				380,000
Total	250,000	2,560,000				2,810,000

Funding Sources	2020	2021	2022	2023	2024	Total
FEDERAL GRANTS		1,315,860				1,315,860
GO BONDS		1,494,140				1,494,140
Total		2,810,000				2,810,000

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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # S3949
 Project Name Second Avenue Bridge Replacement

Department PUBLIC WORKS
 Contact Jason Havel
 Type One Phase
 Useful Life 20 years
 Category Street Operations
 Priority Critical (1)
 Status Active

GRANTEE IDOT PLAN None
 MATCH % 20% TIF DISTRICT None

Description Total Project Cost: \$800,000

This project will include the removal and replacement of the existing precast concrete panel bridge with a new single-span reinforced concrete box culvert. The project will also include removal and replacement of slope protection adjacent to the bridge on Ralston Creek South Branch, removal and replacement of street pavement, installation of sidewalk between Ralston Creek South Branch and Muscatine Avenue along Second Avenue, and watermain improvements.

Justification

The 2015 and 2017 bridge inspection reports indicate the bridge deck and superstructure suffer from severe deterioration including cracks, spalls, delamination, exposed reinforcement, corroded reinforcement, leaching, and leaking. The structure is currently posted for a 10-ton weight embargo due to its condition. In addition, there is no existing sidewalk connecting the trail along Ralston Creek South Branch and Muscatine Avenue.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
100,000	CONSTRUCTION	500,000					500,000
	INSPECTION	60,000					60,000
Total	ADMINISTRATION	40,000					40,000
	CONTINGENCY	100,000					100,000
	Total	700,000					700,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
100,000	OTHER STATE GRANTS	450,000					450,000
Total	ROAD USE TAX FUND	250,000					250,000
	Total	700,000					700,000

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 # **S3950**
 Project Name **Rochester Ave Reconst- First Ave. to Ralston Creek**

Department **PUBLIC WORKS**
 Contact **Jason Havel**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$6,400,000
 Reconstruction of Rochester Avenue from First Avenue to the bridge over Ralston Creek. The project will include new street paving, sidewalk, utility improvements and other associated work.

Justification
 Rochester Avenue is an important arterial within Iowa City, and the street pavement is in poor condition. The project will also provide utility upgrades, sidewalk infill and ADA curb ramp improvements within the project area.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	600,000					600,000
LAND/ROW ACQUISITION	50,000					50,000
CONSTRUCTION		5,000,000				5,000,000
INSPECTION		250,000				250,000
ADMINISTRATION		250,000				250,000
CONTINGENCY		250,000				250,000
Total	650,000	5,750,000				6,400,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS	650,000	5,750,000				6,400,000
Total	650,000	5,750,000				6,400,000

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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3951**
 Project Name **Hwy 1/Hwy 6 Intersection Improvements Study**

Department **PUBLIC WORKS**
 Contact **Jason Havel**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **Riverside Drive**

Description

Total Project Cost: \$75,000

This project will study the south Hwy 1/Hwy 6 intersection and provide a functional design for the preferred future improvements.

Justification

This area is likely to redevelop in the future, and it is important to have an understanding of the anticipated roadway improvements/needs when considering possible changes to the surrounding area. This project will also provide a plan for future trail connections and other associated improvements.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					75,000	75,000
Total					75,000	75,000

Funding Sources	2020	2021	2022	2023	2024	Total
GENERAL FUND					75,000	75,000
Total					75,000	75,000

Budget Impact/Other

The proposed study and functional design is not expected to have any operating budget impacts.

Project # **S3952**
 Project Name **Dodge Street Reconstruct - Governor to Burlington**

Department **PUBLIC WORKS**
 Contact **Jason Havel**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **IDOT** PLAN **None**
 MATCH % **35%** TIF DISTRICT **None**

Description Total Project Cost: \$13,367,000

Reconstruction of Dodge Street from Governor Street to Burlington Street. This will be a joint project with the DOT, and will include new street pavement, sidewalk, utility improvements and other associated work.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Justification

This section of Dodge Street is in poor condition and requires significant ongoing maintenance. A functional design is currently underway for the project.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
117,000	PLANNING/DESIGN		1,250,000				1,250,000
	CONSTRUCTION					10,500,000	10,500,000
Total	INSPECTION					500,000	500,000
	ADMINISTRATION					500,000	500,000
	CONTINGENCY					500,000	500,000
	Total		1,250,000			12,000,000	13,250,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
117,000	FEDERAL GRANTS					3,750,000	3,750,000
	GO BONDS					1,000,000	1,000,000
Total	OTHER STATE GRANTS		1,000,000			7,500,000	8,500,000
	Total		1,000,000			12,250,000	13,250,000

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.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3953**
 Project Name **Market & Jefferson Street Two-Way Conversion**

Department PUBLIC WORKS
 Contact Kent Ralston
 Type One Phase
 Useful Life 20 years
 Category Street Operations
 Priority Non-essential (5)
 Status Active

GRANTEE NONE PLAN Transportation Plan
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$500,000

Conversion of Market Street & Jefferson Streets from one-way to two-way corridors. The project cost includes new traffic signals, pavement markings, buffered bike lanes, and signage necessary to implement the conversion. The conversion is intended to generally take place between Madison Street and the eastern termini of the one-way streets - exact limits subject to further evaluation.

Justification

The feasibility of the project and cost estimate was initially evaluated as part of the Downtown Iowa City Traffic Modeling Study completed in 2015.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION			500,000			500,000
Total			500,000			500,000
Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS			500,000			500,000
Total			500,000			500,000

Budget Impact/Other

Operating budget impacts are assumed to be negligible as the corridors already exist and require routine maintenance activities. The conversion will only change how the facilities are used by the traveling public.

Project # S3954
 Project Name Orchard Street Reconstruction

Department PUBLIC WORKS
 Contact Jason Reichart
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$1,210,000
 This project will reconstruct Orchard Street from Benton Street to US Highway 1. Project includes 26 foot wide PCC street and a 5 foot wide sidewalk on one side of the street, new 8" DIP water main from Douglas to US Highway 1 and storm sewer improvements.

Justification
 Orchard Street is deteriorating beyond the point of rehabilitation and needs to be reconstructed.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	135,000					135,000
LAND/ROW ACQUISITION	50,000					50,000
CONSTRUCTION		710,000				710,000
INSPECTION		90,000				90,000
ADMINISTRATION		45,000				45,000
CONTINGENCY		180,000				180,000
Total	185,000	1,025,000				1,210,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS		1,210,000				1,210,000
Total		1,210,000				1,210,000

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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3955**
 Project Name **N. Gilbert Street Reconstruction**

Department **PUBLIC WORKS**
 Contact **Melissa Clow**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description

Total Project Cost: \$1,437,000

Reconstruct N. Gilbert Street from Brown Street to the construction limits of the Gateway project just south of Kimball Road. Improvements to include new water main, sanitary sewer, storm sewer, PCC roadway paving and sidewalks on both sides of the roadway.

Justification

Gilbert Street requires full reconstruction at this time. There is no storm sewer between Brown Street and the new intakes installed with the Gateway project. Sidewalks are located only at the top of the hill, near Brown Street and residents have requested that pedestrian connectivity be provided to them with the roadway improvements.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			150,000			150,000
LAND/ROW ACQUISITION			50,000			50,000
CONSTRUCTION					800,000	800,000
INSPECTION					105,000	105,000
ADMINISTRATION					32,000	32,000
CONTINGENCY					300,000	300,000
Total			200,000		1,237,000	1,437,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS					1,437,000	1,437,000
Total					1,437,000	1,437,000

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.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3956**
 Project Name **Gilbert Street Bridge Replacement**

Department PUBLIC WORKS
 Contact Jason Havel
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$2,000,000

This project will replace the existing Gilbert Street bridge over Ralston Creek. In addition, the project will include removal and replacement of slope protection, sidewalk, storm sewer and street pavement, and other related work.

Justification

The 2017 Biennial Bridge Inspection Program identified advanced deterioration of the deck and super structure on the Gilbert Street bridge. The Program recommended the bridge be scheduled for significant repairs or replacement.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	150,000					150,000
LAND/ROW ACQUISITION	25,000					25,000
CONSTRUCTION		1,615,000				1,615,000
INSPECTION		55,000				55,000
ADMINISTRATION		55,000				55,000
CONTINGENCY		100,000				100,000
Total	175,000	1,825,000				2,000,000

Funding Sources	2020	2021	2022	2023	2024	Total
FEDERAL GRANTS		1,000,000				1,000,000
GO BONDS		900,000				900,000
STORM WATER FUND		100,000				100,000
Total		2,000,000				2,000,000

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.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3957**
 Project Name **Gilbert Court Sidewalk Infill Project**

Department PUBLIC WORKS
 Contact Josh Slattery
 Type One Phase
 Useful Life 25 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$100,000
 The project will involve the construction of sidewalk along both the west and east sides of Gilbert Court, north of Highland Avenue.

Justification
 We received several requests for sidewalk along Gilbert Court. This is a heavy pedestrian area, as many citizens are headed to the Crisis center, Free Lunch, Crowded Closet, Salvation Army, MYEP and other social service agencies located on Gilbert Court. There is also a bus stop located near the intersection of Highland Avenue and Gilbert Court.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	12,000					12,000
LAND/ROW ACQUISITION	3,000					3,000
CONSTRUCTION	50,000					50,000
INSPECTION	15,000					15,000
ADMINISTRATION	10,000					10,000
CONTINGENCY	10,000					10,000
Total	100,000					100,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS	100,000					100,000
Total	100,000					100,000

Budget Impact/Other
 There should be no impact to operating budget since sidewalks shall be maintained by adjacent property owners.

Project # **S3958**
 Project Name **Park Road Reconstruct - Rocky Shore to Riverside**

Department PUBLIC WORKS
 Contact Jason Havel
 Type One Phase
 Useful Life 50 years
 Category Street Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$6,700,000
 Reconstruction of Park Road from Rocky Shore Drive to the west project limits of the Gateway Project, approximately Riverside Drive. This project will include new street pavement, sidewalk, utility improvements and other associated work.

Justification
 This section of Park Road is in poor condition and is in need of repair. The City has received numerous complaints about its condition.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			250,000	400,000		650,000
LAND/ROW ACQUISITION			50,000			50,000
CONSTRUCTION					5,250,000	5,250,000
INSPECTION					250,000	250,000
ADMINISTRATION					250,000	250,000
CONTINGENCY					250,000	250,000
Total			300,000	400,000	6,000,000	6,700,000

Funding Sources	2020	2021	2022	2023	2024	Total
GO BONDS				700,000	6,000,000	6,700,000
Total				700,000	6,000,000	6,700,000

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.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Capital Projects fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # **S3959**
 Project Name **Taft Avenue Reconstruct - Am Legion to Lwr West Br**

Department **PUBLIC WORKS**
 Contact **Jason Havel**
 Type **One Phase**
 Useful Life **50 years**
 Category **Street Operations**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$11,000,000
 Reconstruction of Taft Avenue from American Legion Road to Lower West Branch. Design of this project would begin in 2023 with construction in a future year.

Justification
 The properties west of Taft Avenue between Lower West Branch Road and American Legion Road is now fully developed. With the construction of the new Hoover School and the upcoming American Legion Road and Scott Boulevard trunk sewer extension projects, the area will likely experience growth in the next five to ten years necessitating improvements to Taft Avenue.

Expenditures	2020	2021	2022	2023	2024	Total	Future
PLANNING/DESIGN				1,000,000		1,000,000	10,000,000
Total				1,000,000		1,000,000	Total

Funding Sources	2020	2021	2022	2023	2024	Total	Future
GO BONDS				1,000,000		1,000,000	10,000,000
Total				1,000,000		1,000,000	Total

Budget Impact/Other
 This project will add infrastructure into the City which will incrementally increase the City's operating costs. The estimated increase in operating expenditures is less than \$10,000 per year.

Project # **V3144**
 Project Name **Wastewater Clarifier Repairs**

Department **PUBLIC WORKS**
 Contact **Tim Wilkey**
 Type **Multi-Phase**
 Useful Life **20 years**
 Category **Wastewater Treatment**
 Priority **Critical (1)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$650,000
 This project will repair four of the original clarifiers that were installed in 1989. They all have the original carbon steel mechanisms that are severely corroded and are in need of replacement and/or repair.

Justification
 These repairs were identified during the design of the Wastewater Treatment Facilities Consolidation Project, however, they were not included in the project due to budget constraints. These repairs are necessary to avoid untimely equipment failure.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
300,000	CONSTRUCTION	350,000					350,000
Total	Total	350,000					350,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
300,000	WASTEWATER FUND	350,000					350,000
Total	Total	350,000					350,000

Budget Impact/Other
 This project repairs existing equipment which should reduce maintenance and repairs costs. The estimated impact on the operating budget is less than \$10,000.

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 Essential (2)
 Status Active

GRANTEE NONE PLAN None
 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.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
475,000	CONSTRUCTION	1,300,000					1,300,000
	INSPECTION	100,000					100,000
Total	CONTINGENCY	150,000					150,000
	Total	1,550,000					1,550,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
475,000	WASTEWATER FUND	1,550,000					1,550,000
Total	Total	1,550,000					1,550,000

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 # V3147
 Project Name Nevada Ave Sanitary Sewer Replacement

Department PUBLIC WORKS
 Contact Joe Welter
 Type One Phase
 Useful Life 50 years
 Category Wastewater Treatment
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

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.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
60,000	CONSTRUCTION	200,000					200,000
	INSPECTION	25,000					25,000
Total	ADMINISTRATION	15,000					15,000
	CONTINGENCY	50,000					50,000
	Total	290,000					290,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
60,000	WASTEWATER FUND	290,000					290,000
Total	Total	290,000					290,000

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 # **V3151**
 Project Name **Digester Complex Rehabilitation**

Department **PUBLIC WORKS**
 Contact **Tim Wilkey**
 Type **One Phase**
 Useful Life **20 years**
 Category **Wastewater Treatment**
 Priority **Critical (1)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description

Total Project Cost: \$7,990,500

The future project has two parts: 1) Provide process-related structures and equipment removing phosphorous before digestion. 2) Replace multiple heat exchangers (HEX) with internal corrosion and Struvite deposition, renovate five (5) digester covers, install seven (7) wall thimbles (access ports) in digester wall for inspection and cleaning, replace internal/external(buried) piping clogging with Struvite, replace (HEX) and recirculation pumps as required. An engineering study in 2020 will evaluate current and developing technologies for application to the waste stream characteristics and make project recommendations.

Justification

With biological nutrient removal as part of last ICWWTP project, captured phosphorous (P) accumulates in digesters causing Struvite formation. Removing P before digestion reduces Struvite formation and reduces maintenance costs. Also, the digester complex was constructed in 1989/2002 and has 5 covers in various stages of wear, with one leaking struvite infused liquid between tank and brick facade causing facade to face imminent future collapse. The 11 (HEX) are 15+ year old and multiple valves/pipes show struvite deposition to be replaced.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		120,000		90,000		210,000
CONSTRUCTION				7,060,000		7,060,000
INSPECTION				4,000		4,000
ADMINISTRATION				4,000		4,000
CONTINGENCY				712,500		712,500
Total		120,000		7,870,500		7,990,500
Funding Sources	2020	2021	2022	2023	2024	Total
REVENUE BONDS				7,990,500		7,990,500
Total				7,990,500		7,990,500

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.

This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Wastewater fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # V3153
 Project Name Influent Rake and Screen Replacement

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 20 years
 Category Wastewater Treatment
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$1,000,000

This project will replace the existing rake and screens that were installed in the 2002 project and have virtually been in constant operation since installation. The west rake and screen suffered a catastrophic failure in 2017 with the failure of the rake mechanism. This same mechanism has failed again and current repairs cost are unknown.

Justification

The equipment is nearing the end of its useful life and has already had two catastrophic failures. This equipment catches floating materials that are not biodegradable in the treatment process and will cause blockages causing and additional maintenance to pumps and grinders. This is considered critical for the operation of the treatment plant.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION		1,000,000				1,000,000
Total		1,000,000				1,000,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND		1,000,000				1,000,000
Total		1,000,000				1,000,000

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 # V3154
 Project Name Hawkeye Lift Station Rehabilitation

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 20 years
 Category Wastewater Treatment
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$1,025,000

Rehabilitation includes demolishing the existing building, converting the station to a wet-well valve vault with surface hatches for pump access, basket screening, new standby generator, replace 20 year old pump, new controls, valve vault with bypass capacity, new security fence, landscaping and access road improvements. The station would be plumbed for future expansion, but would not include additional pumps.

Justification

Hawkeye lift station is 50 years old with an aging building, a generator that can no longer be serviced, a deep drywell requiring an elevator and an existing pump that is 20 years old and a replacement pump only 2 years old. Major portions of the station have outlived their useful life and need replacement.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			25,000			25,000
CONSTRUCTION			1,000,000			1,000,000
Total			1,025,000			1,025,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND			1,025,000			1,025,000
Total			1,025,000			1,025,000

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 # **V3155**
 Project Name **Rohret South Sewer**

Department **PUBLIC WORKS**
 Contact **Joe Welter**
 Type **One Phase**
 Useful Life **50 years**
 Category **Wastewater Treatment**
 Priority **Essential (2)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$2,425,000
 This project would extend the 30-inch sanitary sewer pipe along Abbey Lane from Burry Drive to the west side of US Highway 218.

Justification
 This project will allow development within the watershed west of US Highway 218 and south of Rohret Road.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			250,000			250,000
LAND/ROW ACQUISITION				325,000		325,000
CONSTRUCTION				1,650,000		1,650,000
INSPECTION				100,000		100,000
ADMINISTRATION				100,000		100,000
Total			250,000	2,175,000		2,425,000

Funding Sources	2020	2021	2022	2023	2024	Total
REVENUE BONDS				2,425,000		2,425,000
Total				2,425,000		2,425,000

Budget Impact/Other
 This will bring additional revenue along with additional maintenance costs. The estimated maintenance costs are less than \$10,000 per year. The estimated amount of additional revenue is unknown.
 This serves as a declaration of official intent under Treasury Regulation 1.150-2 that it is reasonably expected that capital expenditures will be made in respect of the above-described project, such expenditures to be advanced from the Wastewater fund, and the City reasonably expects to reimburse all or a portion of the expenditures with the proceeds of bonds, notes or other indebtedness to be issued or incurred by the City in the future.

Project # V3156
 Project Name Dewatering Roll Off Paving

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 50 years
 Category Wastewater Treatment
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$90,000
 Pave an area just north of the Influent Pump Station to allow for the placement of a dewatering roll off for the dewatering of sand/car wash septic hauler loads. We are changing out our single axle dump truck for a swap loader.

Justification
 Sand and car wash loads are delivered to the WWTP by septic haulers. The septic haulers currently discharging these sand/car wash load into the equalitarian basin where the liquid sand mixture is allowed to dry, then is pushed up by staff in the front end loader and loaded into a dump truck for transport to the landfill. This will reduce fuel usage in the loader and reduce our carbon foot print.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION	80,000					80,000
INSPECTION	1,000					1,000
ADMINISTRATION	1,000					1,000
CONTINGENCY	8,000					8,000
Total	90,000					90,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND	90,000					90,000
Total	90,000					90,000

Budget Impact/Other
 We currently handle the material three times. Using the roll off will limit handling the material once allowing staff to complete other work better utilizing staff time, decrease fuel usage and reduction of our carbon foot print. The estimated annual savings is less than \$10,000 per year.

Project # V3157
 Project Name Wastewater Plant Mixer Improvements

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 20 years
 Category Wastewater Treatment
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$238,000
 Install new high efficiency mixers in aeration basin trains 1-4, Cell 9 to improve mixing and reduce energy usage. Includes four new high efficiency mixers, electrical improvements and installation.

Justification
 2010 project made significant improvements to the aeration basin. Cell 9 was not fitted with a mixer but relied on mixing by compressed air. Mixing by compressed air is not as efficient as using a mechanical mixer. The mixers are high efficiency and a lower horsepower than the current mixers installed in Cells 1, 2, 3, 5, 8, and 10. This will reduce wear and tear on the aeration blowers and reduce our electrical usage and carbon footprint.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			15,000			15,000
CONSTRUCTION			200,000			200,000
INSPECTION			2,000			2,000
ADMINISTRATION			1,000			1,000
CONTINGENCY			20,000			20,000
Total			238,000			238,000
Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND			238,000			238,000
Total			238,000			238,000

Budget Impact/Other
 This will reduce wear and tear on the aeration blowers, reduce our electrical usage/cost, and reduce our carbon footprint. The estimated annual savings is less than \$10,000 per year.

Project # V3158
 Project Name Biosolids Conveyor Improvements

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 25 years
 Category Wastewater Treatment
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$89,000
 Extend or add new belt conveyor from the end of the existing conveyor to the loading area over the truck bay. Project includes a truck hopper loader so staff can keep the presses in operation while bumping the truck.

Justification
 The conveyor currently collects the biosolid from the belt filter press and take to a shaftless screw auger that lift the biosolids up to discharge over the truck bay. It has been found that when we operate all three presses, the screw auger cannot keep up with the volume of biosolids delivered by the conveyor. By including the truck hopper loader, staff can keep the presses in operation while bumping the truck which make the belt filter presses operation more efficient.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				10,000		10,000
CONSTRUCTION				70,000		70,000
INSPECTION				1,000		1,000
ADMINISTRATION				1,000		1,000
CONTINGENCY				7,000		7,000
Total				89,000		89,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND				89,000		89,000
Total				89,000		89,000

Budget Impact/Other
 Current auger conveyor will not keep up with solids generated from more than two belt filter presses which limits out ability to dewater biosolids, and repairs takes at least one business day to make, which also limits our ability to dewater biosolids. The estimated impact on the operating budget is negligible.

Project # V3159
 Project Name Heat for Cold Storage Building

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 20 years
 Category Wastewater Treatment
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$80,000
 Project would require the addition of natural gas fired area heaters. Initially the heat load would be enough to keep the building above freezing. When the digester rehabilitation project proceeds, glycol heating from the digester boilers would be included that project. Glycol piping would be routed under the parking lot an drive to the building to heating units.

Justification
 Cold Storage Building is being repurposed for equipment storage and will require heating during the winter months. When the building was constructed, it was insulated with the understanding that someday in the future the building would be repurposed for equipment storage.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					12,000	12,000
CONSTRUCTION					60,000	60,000
INSPECTION					1,000	1,000
ADMINISTRATION					1,000	1,000
CONTINGENCY					6,000	6,000
Total					80,000	80,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND					80,000	80,000
Total					80,000	80,000

Budget Impact/Other
 Repurposing the building for equipment storage is a better utilization of facilities. This would increase operating expenditures due to additional utility expenditures. Estimated annual increase is \$5,000 to \$10,000 per year.

Project # V3160
 Project Name New Cold Storage Building

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 40 Years
 Category Wastewater Treatment
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$340,000
 Construct 90' by 40' covered roof area with open side similar to the Sludge Storage area. Building to be the same dimension of the existing cold storage building.

Justification
 With increased sludge production, all three bays in the existing biosolids storage building will be utilized. Parts and equipment currently stored there will be moved to the new cold storage building. The new cold storage will offer overhead protection only.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					40,000	40,000
CONSTRUCTION					250,000	250,000
INSPECTION					20,000	20,000
ADMINISTRATION					5,000	5,000
CONTINGENCY					25,000	25,000
Total					340,000	340,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND					340,000	340,000
Total					340,000	340,000

Budget Impact/Other
 Construction of the proposed the building for cold storage is a better utilization of facilities. Annual expenditures will be increase due to additional facilities. The estimated annual cost is \$10,000 to \$15,000 per year.

Project # V3161
 Project Name 5th Ward Sanitary Reroute

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 50 years
 Category Wastewater Treatment
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$300,000
 5th Ward Sanitary sewer runs diagonally under 532/534 Dodge Street and previously failed causing a sink hole under one of the houses.

Justification
 Reroute 5th Ward Sanitary from the alley between Dodge and Lucas on Bowery to Dodge and route to the north to connect to the MH in front of 516 Dodge.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	36,000					36,000
CONSTRUCTION	200,000					200,000
INSPECTION	12,000					12,000
ADMINISTRATION	12,000					12,000
CONTINGENCY	40,000					40,000
Total	300,000					300,000

Prior

300,000

Total

Budget Impact/Other
 Current design is hard to access and maintain. Moving the sewer to the street or parking will allow for more efficient maintenance and better flow from house services. The estimated annual impact on the operating budget is negligible.

Project # V3162
 Project Name Benton Street Trunk Sewer Improvements

Department PUBLIC WORKS
 Contact Tim Wilkey
 Type One Phase
 Useful Life 50 years
 Category Wastewater Treatment
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$580,000
 Reroute the Benton Street trunk sewer through green space and a parking lot to allow access for maintenance and upsize the main to Emerald Street to increase capacity.

Justification
 Previous rerouting of the trunk and upstream sanitary sewer left a undersized pipe creating a bottle neck and limited maintenance access to the sanitary sewer on private property. The bottle neck has caused potential project to be routed to the west or not pursued. Making improvements will allow better access and not be a bottleneck, which limits future growth north of Melrose Avenue.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				63,000		63,000
LAND/ROW ACQUISITION				55,000		55,000
CONSTRUCTION				350,000		350,000
INSPECTION				21,000		21,000
ADMINISTRATION				21,000		21,000
CONTINGENCY				70,000		70,000
Total				580,000		580,000

Funding Sources	2020	2021	2022	2023	2024	Total
WASTEWATER FUND				580,000		580,000
Total				580,000		580,000

Budget Impact/Other
 This project will have a minimal impact on the operating budget.

Project # **W3216**
 Project Name **Spruce St. (1300-1400 Block) Water Main Repl**

Department **PUBLIC WORKS**
 Contact **Kevin Slutts**
 Type **One Phase**
 Useful Life **70 years**
 Category **Water Operations**
 Priority **Efficiency Improvement (3)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$370,000

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	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	25,000					25,000
CONSTRUCTION	275,000					275,000
INSPECTION	44,000					44,000
CONTINGENCY	26,000					26,000
Total	370,000					370,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND	370,000					370,000
Total	370,000					370,000

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 # 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 PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$800,000
 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 8" PVC pipe (new minimum standard pipe size). The project also includes the addition of sidewalk on one side of Dill Street from Rocky Shore to the existing sidewalk west of Teeters Court.

Justification
 This 6-inch 1939 cast iron water main has had a number of main breaks and is difficult for City staff to excavate due to the grade off of Rocky Shore Dr. 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 significant damage to other infrastructure in the area.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
75,000	CONSTRUCTION		670,000				670,000
	INSPECTION		25,000				25,000
Total	ADMINISTRATION		5,000				5,000
	CONTINGENCY		25,000				25,000
	Total		725,000				725,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
75,000	WATER FUND		725,000				725,000
Total	Total		725,000				725,000

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 # **W3300**
 Project Name **Bradford Drive Water Main Replacement**

Department **PUBLIC WORKS**
 Contact **Kevin Slutts**
 Type **One Phase**
 Useful Life **70 years**
 Category **Water Operations**
 Priority **Efficiency Improvement (3)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description

Total Project Cost: \$450,000

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	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		50,000				50,000
CONSTRUCTION			400,000			400,000
Total		50,000	400,000			450,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND		50,000	400,000			450,000
Total		50,000	400,000			450,000

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 PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$570,000
 Install check valves and pressure reducing valve on 16-inch water main along 1st Ave. Insert valves or close valves at various locations throughout the City. Install a third pump at the Rochester ground storage reservoir. Three additional check valve projects will coincide with this project, they are: the Foster Rd Extension (private development), First Ave Water Main Replacement (2019 CIP), and American Legion Road (2020 CIP).

Justification
 A water system future growth study resulted in the conclusion that an east pressure zone served by the Rochester ground storage reservoir would allow for service area pressures to be elevated to allow for development to the east. To establish this pressure zone the existing system's hydraulics need to be split by dead-ending water main, installing valves, pressure reducing stations, and adding pumps.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
100,000	PLANNING/DESIGN	50,000					50,000
	CONSTRUCTION	350,000					350,000
Total	INSPECTION	10,000					10,000
	ADMINISTRATION	10,000					10,000
	CONTINGENCY	50,000					50,000
	Total	470,000					470,000
	Funding Sources	2020	2021	2022	2023	2024	Total
	WATER FUND	570,000					570,000
	Total	570,000					570,000

Budget Impact/Other
 Pressure zoning will result in additional expenditures for operation, and maintenance of new infrastructure. Additional expenditures for operation and maintenance are estimated between \$10,000 and \$20,000 per year (pump electrical costs and routine maintenance).

Project # **W3305**
 Project Name **Jordan Well Rehabilitation**

Department **PUBLIC WORKS**
 Contact **Kevin Slutts**
 Type **One Phase**
 Useful Life **10 years**
 Category **Water Operations**
 Priority **Critical (1)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description Total Project Cost: \$150,000
 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	2020	2021	2022	2023	2024	Total
CONSTRUCTION		150,000				150,000
Total		150,000				150,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND		150,000				150,000
Total		150,000				150,000

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

Project # **W3307**
 Project Name **Deforest Ave 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** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

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	2020	2021	2022	2023	2024	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	2020	2021	2022	2023	2024	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 # W3311
 Project Name Collector Wells 3 & 4 Rehabilitation

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 20 years
 Category Water Operations
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$770,000

An engineering study of existing alluvial raw water facilities was conducted in 2018 which outlined repairs and rehabilitation for the raw water wells. Clean and redevelop the 600 lateral feet of Collector Well #3 (CW3) and the 709 lateral feet of Collector Well #4 (CW4) with pre and post inspection and testing. Pull pumps from both wells and rebuild two pumps total - one pump from each well.

Justification

The Collector Well Capacity Improvements Study conducted by HR Green in 2018 determined a set of recommended repair projects and their priority. The redevelopment of CW3 and CW4 was ranked as the highest priority for redevelopment as these wells are the most productive high quality raw water sources and have the least number of problems with sand and lateral deviations. Refurbishing these wells will increase and sustain the raw water production from the peninsula well field. Without these wells in operation the river would need to be used directly which would cause a large increase in permanganate, ferric sulfate, and chlorine chemical expenditures. Drinking water quality would be degraded leading to additional operational changes to reduce disinfection byproduct formation.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
100,000	PLANNING/DESIGN	70,000					70,000
	CONSTRUCTION	600,000					600,000
Total	Total	670,000					670,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
100,000	WATER FUND	670,000					670,000
Total	Total	670,000					670,000

Budget Impact/Other

This project should reduce the cost to maintain the current wells and lower water treatment costs of the water. The estimated savings is less than \$10,000 per year.

Project # **W3313**
 Project Name **Hwy 1 (Hawk Ridge to WalMart) Water Main Repl**

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 70 years
 Category Water Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$704,000

Replace approximately 1,600 feet of 12-inch water main (1990 vintage) along Highway 1 from the Hawk Ridge apartments to the north side of Highway 1 across from the WalMart entrance. No service lines are in this area. 12-inch PVC with trenchless installation will be specified to eliminate future corrosion issues due to corrosive soil.

Justification

This water main is situated within corrosive soils and has experienced multiple main breaks. Due to being a transmission main, breaks cause very large pressure losses and disruptions within the distribution system. Replacement of this main with new materials installed to mitigate the corrosive effects of the soils will provide more reliable service to our customers.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN			64,000			64,000
CONSTRUCTION				640,000		640,000
Total			64,000	640,000		704,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND			64,000	640,000		704,000
Total			64,000	640,000		704,000

Budget Impact/Other

This project will have a neutral impact on the operating budget as it is the replacement of existing infrastructure.

Project # **W3314**
 Project Name **High Service Pump VFD Replacement**

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 20 years
 Category Water Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$650,000

Replace the (4) four variable frequency drives (VFDs) on our high service pumps.

Justification

The VFD's servicing our high service pumps will have been in operation for approximately 21 years when this project reaches construction. This is a typical life span for VFD's. The VFD's have begun to show signs of deterioration with the loss of communications due to worn electronics components and the new SCADA system was modified to accommodate the out-moded communications protocols utilized by these drives. We anticipate continued and more frequent repair activities as these drives reach the end of their useful life.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				50,000		50,000
CONSTRUCTION					600,000	600,000
Total				50,000	600,000	650,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND				50,000	600,000	650,000
Total				50,000	600,000	650,000

Budget Impact/Other

Potential cost savings derived from decreased power usage, less wear on the pumps, and less repair or reactive maintenance.

Project # W3315
 Project Name Peninsula Well Field Power Redundancy

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 70 years
 Category Water Operations
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$75,000
 Extend MidAmerican electrical service down Foster Rd to the Peninsula Well Field switchgear set situated to the north of the dog park. Upgrade the switchgear set to allow transfer of source power.

Justification
 Currently the Peninsula Well Field is provided electrical service from Rocky Shore Dr via an aerial electrical feed owned by the City. During flood events or other inclement weather this service is threatened and is single point failure that would cause the treatment plant to loose access to high quality source water until power is restored. Running a second electrical service underground down Foster Rd will mitigate the risk associated with this aerial river crossing.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN	10,000					10,000
CONSTRUCTION	50,000					50,000
INSPECTION	2,500					2,500
ADMINISTRATION	2,500					2,500
CONTINGENCY	10,000					10,000
Total	75,000					75,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND	75,000					75,000
Total	75,000					75,000

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

Project # W3316
 Project Name Chlorine Feeder System Upgrade

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 20 years
 Category Water Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$115,000
 Design and install new chlorine feed equipment with associated computer system integration and repairs to the CSI Scrubber system.

Justification
 The existing automatic chlorine feeders are reaching their designed end-of-life and are no longer supported by the manufacturer. Updating the system components with current models will allow for more precise control of the chlorine feed system and reduce maintenance time.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		15,000				15,000
CONSTRUCTION		100,000				100,000
Total		115,000				115,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND		115,000				115,000
Total		115,000				115,000

Budget Impact/Other
 Reduced maintenance time and spare parts load - return-on-investment in approximately 8 years. The chlorine system is a high hazard system that includes a number of process controls to keep City staff and the surrounding area safe from a release of chemical.

Project # W3317
 Project Name Water Front Meeting Room A/V Upgrades

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 20 years
 Category Water Operations
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$35,000
 Upgrade the audio and visual equipment in the Water Front Meeting Room with new flat panel screens, associated computer controls, and audio for the use by City Staff to conduct training events and meetings.

Justification
 The Water Front Meeting Room has two broken overhead screen, no mounted projector, and an antiquated audio system. The room was originally designed to be able to host two separate meetings, but has since been adapted to use a large front projector screen that impedes the use of the divider wall and a projector set upon a collapsable table in the middle of the aisle. This setup has proved to be adequate and cumbersome. The goal is to update the room to include better room usage and data display functionality.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT		35,000				35,000
Total		35,000				35,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND		35,000				35,000
Total		35,000				35,000

Budget Impact/Other
 The operational budget will be impacted by increased internal service chargebacks for the ITS equipment program. Estimated annual impact is less than \$5,000 per year.

Project # W3318
 Project Name GSR Generator Enclosure Replacement

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 20 years
 Category Water Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$40,000
 Replace the metal housings enclosing the ground storage reservoir (GSR) back up power generators at the Rochester, Sycamore, and Emerald GSR's.

Justification
 The ground storage reservoirs (GSR's) are provided with backup power generation by diesel generators. These generators are external to the building and enclosed within metal housings. These housings have deteriorated and are beginning to allow the weather to damage internal components.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION			40,000			40,000
Total			40,000			40,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND			40,000			40,000
Total			40,000			40,000

Budget Impact/Other
 Reduced operational costs associated with annual generator preventative maintenance contract costs. Estimated annual savings is less than \$10,000 per year.

Project # W3319
 Project Name Chemical Room & Outdoor Lighting Upgrade

Department PUBLIC WORKS
 Contact Kevin Slutts
 Type One Phase
 Useful Life 30 Years
 Category Water Operations
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$100,000
 Replace the lighting in the water plant chemical rooms and perimeter lights with high efficiency, long life, LED lights and mount the new fixtures in locations more conducive to providing work area illumination and access for preventative maintenance or grounds maintenance activities.

Justification
 The lighting in the chemical rooms at the water plant has issues with illumination and placement. Some lighting was installed in a manner that blocks the fixture from providing the needed light for employees to adequately see the work they are performing. The chemical room lighting bulbs are difficult to replace and require staff to take a number of safety measures up to and including renting scaffolding to replace. Other lights are installed in areas that cannot be reached without renting special equipment or are adversely impacted by the chemicals in the room. The 22 outdoor perimeter lights are short lived (~2 months) and cost about \$10 per replacement.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				10,000		10,000
CONSTRUCTION				90,000		90,000
Total				100,000		100,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND				100,000		100,000
Total				100,000		100,000

Budget Impact/Other
 The annual bulb replacement cost for the chemical rooms is approximately \$1,200. The outdoor lights are short-lived (~2 months) for the cost of the replacement bulbs (~\$10/bulb). Total annual bulb replacement expenditure is approximately \$1,100. Therefore the operating budget will see an annual savings of \$2,300 as well as savings in personnel safety and time.

Project # **W3320**
 Project Name **Hwy 6 (Fairmeadows to Ind Park Rd) Water Main Repl**

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

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **Lower Muscatine/Ind Park Rd**

Description

Total Project Cost: \$1,000,000

Replace approximately 2,000 feet of 1964 16-inch ductile iron water main along the north side of Highway 6 from Fairmeadows Blvd. to Industrial Park Rd. with 16-inch PVC water main.

Justification

This water main has had five (5) water main breaks since the year 2000, four (4) of which have happened in 2018/2019. The type of break have been majority corrosion related and it is expected to continue to have main breaks on this main until it is replaced due to corrosive soils. Due to the size and relative location of the water main in the distribution system the breaks on this line are very disruptive - large pressure swings that cause other water quality and integrity issues as well as loss of service to critical customers.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN				80,000		80,000
CONSTRUCTION					920,000	920,000
Total				80,000	920,000	1,000,000

Funding Sources	2020	2021	2022	2023	2024	Total
WATER FUND				80,000	920,000	1,000,000
Total				80,000	920,000	1,000,000

Budget Impact/Other

Main breaks on average cost approximately \$10,000 each to repair. The main breaks on this stretch of Hwy 6 are significant enough to cause cascading effects such as more main breaks or the need to flush the distribution system which increases costs. Therefore the replacement of this main will have a direct impact on the operational budget lessening main break repairs and indirectly by increasing system integrity overall. Savings is anticipated to average \$10,000 to \$20,000 per year.

Project # **T3020**
 Project Name **Replacement of Electronics in Smart Parking Meters**

Department **TRANSPORTATION SERVIC**
 Contact **Darian Nagle-Gamm**
 Type **One Phase**
 Useful Life **10 years**
 Category **Parking Operations**
 Priority **Critical (1)**
 Status **Active**

GRANTEE **NONE** PLAN **None**
 MATCH % **NONE** TIF DISTRICT **None**

Description

Total Project Cost: \$960,000

This project involves the replacement of the electronics in our on-street parking meters.

Justification

The electronic equipment in our 1,200 smart parking meters are reaching the end of their useful life.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT		960,000				960,000
Total		960,000				960,000

Funding Sources	2020	2021	2022	2023	2024	Total
PARKING FUND		960,000				960,000
Total		960,000				960,000

Budget Impact/Other

The operating impact of this change should be negligible. Operating costs should be reduced slightly due to the replacement of old equipment with new equipment. The savings should be less than \$10,000 per year.

Project # T3021
 Project Name Video Cameras for Parking Facilities

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type Multi-Phase
 Useful Life 10 years
 Category Parking Operations
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$200,000
 This project involves the installation of additional high-definition cameras in parking facilities.

Justification
 The cameras will aid in securing facilities, following up on incidents, and evaluating parking demand.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
100,000	EQUIPMENT	100,000					100,000
Total	Total	100,000					100,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
100,000	PARKING FUND	100,000					100,000
Total	Total	100,000					100,000

Budget Impact/Other
 This project will increase the operating expenditures due to the maintenance of the new equipment. The estimated impact on the operating budget is less than \$10,000 per year.

Project # T3022
 Project Name Parking Enforcement Vehicles

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type Multi-Phase
 Useful Life 10 years
 Category Parking Operations
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$180,000
 Purchase of a new vehicle with license plate reader technology to aid in parking enforcement in 2019, and the purchase of a replacement license plate reader for existing vehicle that is scheduled for replacement in 2020.

Justification
 The new vehicle and license plate recognition equipment would be dedicated to the enforcement of the Chauncey Swan and Harrison Street parking facilities and would also be used for enforcing loading zones, street storage, and identification of vehicles on the tow-list.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
90,000	EQUIPMENT	90,000					90,000
Total	Total	90,000					90,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
90,000	PARKING FUND	90,000					90,000
Total	Total	90,000					90,000

Budget Impact/Other
 The additional vehicle will increase fuel, insurance, maintenance, and replacement charges. By adding another enforcement vehicle, parking fine revenue should increase as well. The estimate increase in expenditures is \$15,000 to \$20,000 per year and the estimated increase in revenue is \$25,000.

Project # T3023
 Project Name Parking Ramp Automated Parking Equipment

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type One Phase
 Useful Life 10 years
 Category Parking Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$825,000
 Replacement automated parking equipment in parking ramps.

Justification
 Original equipment installed beginning in 2009. Performance is degrading as equipment is reaching the end of its useful life requiring an increasing amount of staff time to address issues.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT	275,000		275,000	275,000		825,000
Total	275,000		275,000	275,000		825,000

Funding Sources	2020	2021	2022	2023	2024	Total
PARKING FUND	275,000		275,000	275,000		825,000
Total	275,000		275,000	275,000		825,000

Budget Impact/Other
 This project should have a minimal impact on the operating budget as it only replaces existing equipment.

Project # T3024
 Project Name Electric Vehicle Charging Stations

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type One Phase
 Useful Life 5 years
 Category Parking Operations
 Priority Efficiency Improvement (3)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$120,000
 Expanding the number of parking facility spaces with electric vehicle charging stations. This should add six to eight additional charging stations.

Justification
 To meet the goal expressed in the Climate Action Plan to enable more sustainable transportation options such as electric vehicles.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT	60,000	60,000				120,000
Total	60,000	60,000				120,000

Funding Sources	2020	2021	2022	2023	2024	Total
PARKING FUND	60,000	60,000				120,000
Total	60,000	60,000				120,000

Budget Impact/Other
 It costs approximately \$500 in electric per parking space to provide an EV charging station. The annual increase in operating expenditures is roughly \$5,000 per year.

Project # T3025
 Project Name Replacement of LED fixtures in Parking Facilities

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type One Phase
 Useful Life 10 years
 Category Parking Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$100,000
 Project to replace all LED fixtures in Capitol Street ramp and fixtures in other facilities as they age out of production.

Justification
 LED technologies have evolved since our early adoption in our parking facilities nearly a decade ago. Many of the early-style fixtures need to be replaced. This project will replace the earliest fixtures in the City's oldest facility and will replace fixtures as needed in other facilities.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION	100,000					100,000
Total	100,000					100,000

Funding Sources	2020	2021	2022	2023	2024	Total
PARKING FUND	100,000					100,000
Total	100,000					100,000

Budget Impact/Other
 It will cost approximately \$10,000 in staff time to replace all fixtures in the Capitol Street facility. The impact on the operating budget is negligible.

Project # T3026
 Project Name Tower Place Drainage Modifications

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type One Phase
 Useful Life 50 years
 Category Parking Operations
 Priority Critical (1)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$237,500
 This project will modify the existing drainage pipe network and divert storm water from the upper decks to the exterior of the structure rather than routing it through the lower level.

Justification
 The lower level of Tower Place Parking Ramp repeatedly floods during high intensity rain events causing significant property damage.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN					50,000	50,000
CONSTRUCTION					150,000	150,000
INSPECTION					15,000	15,000
ADMINISTRATION					7,500	7,500
CONTINGENCY					15,000	15,000
Total					237,500	237,500

Funding Sources	2020	2021	2022	2023	2024	Total
PARKING FUND					237,500	237,500
Total					237,500	237,500

Budget Impact/Other
 There is no anticipated impact to the operating budget.

Project # T3055
 Project Name Transit Maintenance Facility Relocation

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type One Phase
 Useful Life 40 Years
 Category Transit Operations
 Priority Essential (2)
 Status Active

GRANTEE FTA PLAN Transportation Plan
 MATCH % 20% TIF DISTRICT None

Description

Total Project Cost: \$20,000,000

This project involves the construction of a new transit 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 and allow for the redevelopment of a major commercial site at the corner of Highway 6 and Riverside Drive.

Justification

The current tranist maintenance facility has outlived its useful life and is in need of replacement. The facility has structural issues from the surrounding area, and a new facility will improve the delivery of service. The new facility would be eventually be consolidated with Equipment Services into one facility to better utilize space and be more cost effective. Grants are being sought to assist in the construction.

Expenditures	2020	2021	2022	2023	2024	Total
CONSTRUCTION			20,000,000			20,000,000
Total			20,000,000			20,000,000

Funding Sources	2020	2021	2022	2023	2024	Total
FEDERAL GRANTS			16,000,000			16,000,000
TRANSIT FUND			4,000,000			4,000,000
Total			20,000,000			20,000,000

Budget Impact/Other

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

Project # T3059
 Project Name Transit Bus Shelter Replacement & Expansion

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type Multi-Phase
 Useful Life 10 years
 Category Transit Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description

Total Project Cost: \$300,000

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 addition, we have received multiple requests for the installation of bus shelters in high ridership areas.

Prior	Expenditures	2020	2021	2022	2023	2024	Total
200,000	OTHER		50,000		50,000		100,000
Total	Total		50,000		50,000		100,000

Prior	Funding Sources	2020	2021	2022	2023	2024	Total
200,000	TRANSIT FUND		50,000		50,000		100,000
Total	Total		50,000		50,000		100,000

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 # T3066
 Project Name Bus Wash Repair

Department TRANSPORTATION SERVIC
 Contact Darian Nagle-Gamm
 Type One Phase
 Useful Life 20 years
 Category Transit Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$100,000
 Project involves replacing the aging bus wash in the Transit facility, should it break down and no parts are available for repair.

Justification
 The bus wash, original to our current transit facility, is near the end of its useful life. This project is proposed in the instance that the system breaks down and we are unable to repair due to its age and availability of parts. Proper maintenance is an essential to ensuring the City operates a safe, clean, accessible and affordable transportation system.

Expenditures	2020	2021	2022	2023	2024	Total
EQUIPMENT	100,000					100,000
Total	100,000					100,000

Funding Sources	2020	2021	2022	2023	2024	Total
TRANSIT FUND	100,000					100,000
Total	100,000					100,000

Budget Impact/Other
 This should lower operating costs due to replacing aging equipment with new equipment. The expected annual savings is less than \$10,000 per year.

Project # T3067
 Project Name Transit Interchange and Bus Stop Improvements

Department TRANSPORTATION SERVIC
 Contact Dan Striegel
 Type Multi-Phase
 Useful Life 25 years
 Category Transit Operations
 Priority Essential (2)
 Status Active

GRANTEE NONE PLAN None
 MATCH % NONE TIF DISTRICT None

Description Total Project Cost: \$200,000
 To improve pedestrian safety and traffic flow at the downtown interchange and improve amenities at transit stops throughout the community as recommended through the 2019-2020 Transit Study planning process.

Justification
 Both the Climate Action Plan and the Strategic Plan calls for an evaluation of the transit system to improve the transit system to meet a greater number of residents needs, increase transit ridership, and improve amenities.

Expenditures	2020	2021	2022	2023	2024	Total
PLANNING/DESIGN		20,000				20,000
CONSTRUCTION		80,000				80,000
EQUIPMENT	100,000					100,000
Total	100,000	100,000				200,000

Funding Sources	2020	2021	2022	2023	2024	Total
TRANSIT FUND	100,000	100,000				200,000
Total	100,000	100,000				200,000

Budget Impact/Other
 Additional amenities will require additional annual staff time for refuse pickup, cleaning shelters, repairing shelters, and snow removal. The estimated annual increase in operating expenditures is \$10,000 to \$15,000 per year.

**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 IOWA AVENUE CULVERT	This project will include the removal and replacement of the existing reinforced concrete box culvert with a new three-sided arch culvert. The project will also include removal and replacement of slope protection adjacent to the bridge on Ralston Creek, removal and replacement of street pavement and sidewalk, and site restoration.	\$3,500,000
3 F STREET BRIDGE	This project involves the removal and replacement of the existing corrugated metal arch bridge with a larger bridge.	\$773,000
4 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
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 include the removal and replacement of the existing concrete bridge with a new single-span reinforced concrete box culvert. The project will also include removal and replacement of slope protection adjacent to the bridge on Ralston Creek South Branch, removal and replacement of street pavement, and storm sewer improvements.	\$650,000
2 - Streets		
7 BENTON STREET - ORCHARD TO OAKNOLL	This is a capacity related improvement identified by the Arterial Street Plan.	\$5,150,000
8 BROOKLAND PARK DRIVE REHABILITATION	This project will include reconstruction of Brookland Park Drive and updates to utilities.	\$1,450,000
9 DODGE ST - BURLINGTON TO BOWERY	Street reconstruction and storm sewer improvements. This is a joint project with the IDOT.	\$13,250,000
10 DUBUQUE RD PAVING - BRISTOL TO DODGE	Reconstruct and upgrade to urban cross sections.	\$1,339,000
11 DUBUQUE STREET ACCESS ROAD AND TRAFFIC SIGNAL	This project will construct an access drive from the north end of Laura Dr to Dubuque Street, south of the Interstate 80 / Dubuque St interchange. May also facilitate a second means of access from the Peninsula area to Dubuque St.	\$2,000,000
12 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
13 GILBERT / US 6 INTERSECTION LEFT TURN LANES	Reconstruct the intersection of Gilbert & US 6 to include dual left turn lanes on Gilbert St.	\$4,840,000
14 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
15 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

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

	Project Name	Description	Unfunded Amt
16	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
17	MCCOLLISTER - SYCAMORE ST TO SCOTT BLVD	Extend proposed McCollister Boulevard from Sycamore Street to Scott Boulevard.	\$9,088,000
18	MUSCATINE AVENUE RECONSTRUCTION, IOWA TO FIRST AVE	This project will reconstruct Muscatine Avenue from Iowa Avenue to 1st Avenue.	\$10,510,000
19	OAKDALE BLVD	This project would construct an extension north across I-80 to a new intersection with Iowa Hwy 1.	\$15,000,000
20	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
21	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
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	SOUTH GILBERT STREET 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 – HERBERT HOOVER HWY TO LOWER WEST BRANCH	Reconstruct Taft Avenue from Herbert Hoover Hwy to Court Street.	\$3,300,000
29	TAFT AVENUE – AMERICAN LEGION ROAD TO 420TH STREET	Reconstruct Taft Avenue from American Legion Road to Herbert Hoover Hwy.	\$8,200,000
30	LAURA DRIVE RECONSTRUCTION	Reconstruction of entire length of Laura Drive to standard two lane width with curb, storm sewer and sidewalk.	\$2,000,000
31	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
32	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

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

Project Name	Description	Unfunded Amt
33 FAIRCHILD BRICK STREET RECONSTRUCTION	This project reconstructs two blocks of brick street along Fairchild Street from Clinton Street to Linn 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.	\$1,100,000
34 KIMBALL ROAD RECONSTRUCTION	Reconstruct Kimball road from N. Gilbert Street to N. Governor Street. Project includes 22 foot wide PCC street and a 5 foot wide sidewalk on one side of the street, new 8" DIP water main, new storm sewer, and sanitary service improvements.	\$3,480,000
35 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
36 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
37 GILBERT STREET FUNCTIONAL DESIGN - HWY 6 TO KIRKWOOD	Obtain consulting services to provide a functional design of Gilbert Street between Hwy 6 & Kirkwood Avenue. The functional design should take into account all previous design work completed for the corridor.	\$60,000
3 - Transportation Services		
38 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
39 CAPITOL & DUBUQUE STREET PARKING RAMP FAÇADE IMPROVEMENTS	To construct façade improvements on the Capitol Street and Dubuque Street parking ramps to improve their aesthetic appearance in these high profile, high traffic areas.	\$1,000,000
4 - Ped & Bike Trails		
40 IOWA RIVER TRAIL, HIGHWAY 6 TO STURGIS FERRY PARK	This project will extend the Iowa River Trail from just north of Highway 6 to Sturgis Ferry Park on the west side of the Iowa River.	\$1,180,000
41 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
42 CRANDIC RAILROAD RAILS-TO-TRAILS PROJECT	The project removes the existing Crandic tracks and repurposes the existing corridor for a 10' multi-use trail approximately between Oakdale Boulevard in Coralville to Gilbert Street in Iowa City (approximately 6.1 miles). Iowa City's portion of the project is approximately 1.75 miles.	\$1,575,000
43 MYRTLE AVE SIDEWALK INFILL	The project will construct sidewalk along the north side of Myrtle Avenue between Greenwood Drive and Olive in order to fill in a gap in the City's sidewalk network.	\$155,000
44 SOUTHGATE AVE IOWA RIVER TRAIL CONNECTOR	This project will construct a trail connection along Southgate Avenue from Gilbert Street to the Iowa River Trail.	\$250,000
45 HWY 6 TRAIL -BROADWAY TO SYCAMORE	Extend existing trail along Hwy 6 between Broadway to Sycamore Streets.	\$2,588,000

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

Project Name	Description	Unfunded Amt
46 HWY 6 TRAIL -SYCAMORE TO FAIRMEADOWS	Construction of trail extension along Hwy 6 between Sycamore Street and Fairmeadows Blvd and along First Avenue from the south side of Hwy 6 to Lower Muscatine Road.	\$1,300,000
47 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
48 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
5 - Wastewater		
49 NORTH BRANCH DAM TRUNK SEWER	This project extends easterly along Ralston Creek from the North Branch Dam to Scott Boulevard.	\$3,860,000
50 NORTHEAST TRUNK SEWER	Reconstruction of an under-sized sewer through the northeast neighborhoods.	\$5,221,000
51 SANITARY SEWER EXTENSION - SCOTT TO HICKORY TRAIL	This project includes the design and construction of a sanitary sewer trunk extension between Scott Boulevard and Hickory Trail.	\$790,000
52 GEO-THERMAL HVAC CONVERSION	Project would include the conversion of the HVAC system to Geo-Thermal. Installation of Geo-thermal loops, new pump systems, new chiller, and improved controllers required to operate the system.	\$300,000
6 - Water		
53 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
54 NUTRIENT REMOVAL PROJECT	This project when funded will be to construct a nutrient removal solution. Nutrient removal options could include ion exchange, biological treatment, nano-filtration and reverse osmosis.	\$700,000
55 COLLECTOR WELL #1 REHABILITATION	Clean two of the existing laterals and cap one existing lateral of Collector Well #1. Install two new 12-inch laterals to increase the production capacity of this raw water well.	\$1,000,000
56 COLLECTOR WELL #2 REHABILITATION	Clean and cap portions on the existing laterals of Collector Well #2 and install new 12-inch laterals to increase the production capacity of this raw water well.	\$1,000,000
57 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
58 WELL FIELD ELECTRICAL CABLE REPLACEMENT	Replace aging medium voltage cable in both the plant site and the peninsula well fields.	\$175,000
59 LEE/HIGHWOOD STREET WATER MAIN REPLACEMENT	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.	\$195,500

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

Project Name	Description	Unfunded Amt
60 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
61 SIXTH AVENUE WATER MAIN REPLACEMENT	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.	\$340,000
62 WATER PLANT SOFTENER IMPROVEMENTS	Automate manual operating procedures, motorize concentrator adjustment and mortorized valve adjustor for the small influent valve.	\$75,000
63 WELL HOUSE & GENERATOR BUILDING ROOF	Replace the roofs on the 5 collector wells, 3 deep wells, and emergency generator building.	\$500,000
64 LIME LAGOON OUTLET STRUCTURE MODIFICATIONS	Modify the lagoon outlet structure to an open channel design.	\$500,000
65 MARKET STREET WATER MAIN MADISON TO CLINTON	Extend 20-inch water main from Madison to Clinton on Market St. Tie in 12-inch on Clinton St. to 16-inch at Bloomington St.	\$1,400,000
7 - Storm Water		
66 CARSON LAKE REGIONAL STORM WATER	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
67 RIVERFRONT CROSSINGS STORM SEWER	Storm sewer improvements in the Central Crossings Sub-District .	\$1,375,000
68 IOWA AVENUE CULVERT REPAIRS	This project will repair a box culvert that carries Ralston Creek under Iowa Avenue.	\$348,000
69 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
70 OLYMPIC COURT STORM WATER	Storm sewer retrofit to relieve localized flooding from storm water runoff.	\$464,000
71 SUNSET STREET STORM SEWER	The area just north and south of Kineton Green, east of Sunset, has experienced back yard flooding and drainage problems.	\$440,000
72 RIVERSIDE DRIVE & 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		
73 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
74 MERCER PARK POOL IMPROVEMENTS	This project would include the replacement of the two pool bulkheads, deck tile, dive stands, and the renovation of the women's locker room from a shared shower space to two separate shower spaces.	\$500,000

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

Project Name	Description	Unfunded Amt
74 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
75 RIVERFRONT CROSSINGS PARK - PHASE 4	Phase 4 of the Riverfront Crossings Park master plan adds a new river access, an amphitheater, a kayak launch, and new river trails.	\$1,353,000
76 RIVERFRONT CROSSINGS PARK RESTROOM & BRIDGE	Construction of second restroom/shelter by Nature Play and second bridge to 2nd Street; also includes removing an abandoned trunk sewer line.	\$910,000
77 GILBERT STREET/PARK MAINT SHOP BOAT RAMP	Addition of an accessible boat access to the Iowa River from the parking lot at the Park Maintenance Shop.	\$245,000
78 IOWA RIVER TRAIL, BENTON TO HIGHWAY 6	This project will extend the Iowa River Trail from Benton St to Highway 6, on the west side of the Iowa River. Future phases of the trail could extend to Stergis Ferry Park and on top of the west side levee to McCollister Blvd.	\$1,700,000
79 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
80 MERCER PARK BALL DIAMOND #4 RENOVATION	This project would reconfigure ball diamond #4 at Mercer Park to realign the field to a NW orientation. This would include the removal of the existing field, fencing, and	\$374,000
81 KICKER'S PARK PLAYGROUND REPLACEMENT	Replace playground #1 at Kickers Athletic Complex as it is reaching the end of projected serviceable life. Project also adds ADA compliant paths.	\$185,000
82 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.	\$300,000
83 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
84 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
85 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
86 TERRY TRUEBLOOD RECREATION AREA PARKING EXPANSION	Expansion of the parking areas with addition of 100 parking spaces at the Terry Trueblood Recreation Area lodge and lake.	\$225,000
9 - Other Projects		
87 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
88 CEMETERY COLUMBARIUM	Construction of a columbarium.	\$405,000
89 CITY HALL RELOCATION	Relocate and expand / modernize City Hall and City Council Chambers.	\$12,000,000

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

Project Name	Description	Unfunded Amt
90 POLICE EVIDENCE STORAGE FACILITY	Construction of a permanent evidence storage facility.	\$929,000
91 CENTRAL POLICE STATION RELOCATION	Relocate and expand / modernize Central Police Station.	\$19,000,000
92 FIRE STATION #1 RELOCATION	Relocate and expand / modernize Central Fire Station #1.	\$11,593,000
93 FIRE STATION #5	Construction of Fire Station #5 in the South Planning District.	\$2,898,000
94 FIRE STATION #6	Construction of Fire Station #6 in the Southwest Planning District.	\$2,898,000
95 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
96 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
97 LANDFILL EXPANSION - NORTHWEST CELL	This project includes the preliminary design and studies, detailed design, construction, construction observation, and regulatory compliance associated with implementing the next landfill cell.	\$4,065,000
98 AIRPORT EQUIPMENT SHELTER	Snow removal equipment was previously stored in United Hangar. Equipment Shelter would provide enclosed storage for equipment.	\$337,500
99 AIRPORT PERIMETER ROAD	Construction perimeter road for maintenance and fueling vehicles to travel to south development area.	\$267,700
100 SOUTH AIRPORT SITE DEVELOPMENT	South General Aviation area site development with access roadway and utilities.	\$2,125,100
101 HANGAR A DOOR REPLACEMENT	Hangar A door replacement; hangar A has 10 doors to be replaced.	\$200,000
102 SUMMIT STREET HISTORIC PLAN	Streetscape and intersection elements through Summit Street Historic District.	\$302,000
103 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
104 IOWA INTERSTATE RAILROAD QUIET ZONES	The Quiet Zones project would be for design and implementation of required upgraded warning devices and physical infrastructure (medians and gates) for four at-grade street crossings. The upgrades would improve safety at each crossing and reduce the need for trains to sound their horns.	\$1,000,000
105 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		\$ 333,277,066