

2019-2023 Capital Improvements Plan - Total Project Requests

Projects By Year/Type							Project Cost	Special Funding	Project Type
Project	Project #	2019	2020	2021	2022	2023			
Annual Sanitary Sewer Rehabilitation Program	SNS-00-001	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	Sewer	Sanitary Sewers
Annual Water Main Replacement & Extension Program	WTM-00-001	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	Water	Water Mains
Annual Traffic Improvement & Safety Program	TRF-00-001	\$421,550	\$480,000	\$433,000	\$158,000	\$158,000	\$1,650,550	-	Traffic Control
Annual Storm Water Improvement Program	STM-00-001	\$250,000	\$155,000	\$610,000	\$640,000	\$670,000	\$2,325,000	Stormwater	Stormwater Facilities
Annual Street Rehabilitation Program	STR-00-001	\$200,000	\$200,000	\$200,000	\$200,000	\$905,000	\$1,705,000	RUT	Streets
Annual Greenbelt Trail Replacement Program	SDW-00-001	\$175,000	\$150,000	\$550,000			\$875,000	-	Sidewalks/Trails
Alices Road Right of Way Acquisitions	STR-19-001	\$390,000	\$390,000	\$390,000	\$390,000	\$1,175,000	\$2,735,000	-	Streets
Fire Station #32 Relocation	BLD-18-001	\$2,070,000	\$5,500,000				\$7,570,000	Referendum	Municipal Buildings
Westgate Parkway Bridge (fka-NN3 culvert)	BRG-13-001	\$400,000	\$955,000				\$1,355,000	Assessment	Bridge/Box Culvert
Water Main Replacement (NW 104th, Juan Calle, Donna Bella)	WTM-20-001	\$50,000	\$1,075,000				\$1,125,000	Water	Water Mains
Harbach Reconstruction (NW 78th St- NW 86th St)	STR-19-002	\$2,290,000	\$2,250,000				\$4,540,000		Streets
NW 128th Street & Hickman Road Intersection Improvement	STR-19-003	\$440,000	\$2,460,000				\$2,900,000	ICAAP/Urb	Streets
Linnan Park Improvements	PRK-19-003	\$125,000	\$950,000				\$1,075,000	-	Park Facilities
Berkshire North Park Development	PRK-20-001	\$50,000	\$725,000				\$775,000	-	Park Facilities
Shadow Creek Landing Greenway	SDW-20-001	\$50,000	\$225,000				\$275,000	-	Sidewalks/Trails
Meredith Drive Reconstruction (NW 156th St - Alices Road)	STR-18-001	\$1,928,250					\$1,928,250	Assess/Urb	Streets
Hickman Road Adaptive Traffic Signal System	TRF-16-001	\$855,000					\$855,000	ICAAP/Urb/WH	Traffic Control
City Monument Signs - City Hall/Library & Aquatics	COR-18-001	\$75,000					\$75,000	-	Corridor Development
Northern Neighborhoods Greenbelt Acquisition	LND-18-001	\$174,866					\$174,866	REAP	Land
Buffalo Road Water Main Reinforcement	WTM-18-001	\$175,000					\$175,000	Water	Water Mains
Alices Road Park Development	PRK-21-001	\$50,000		\$1,100,000			\$1,150,000	-	Park Facilities
Douglas Parkway Improvements	STR-16-002	\$350,000			\$1,560,000		\$1,910,000	Assess/Wak	Streets
Canary Park Development	PRK-19-001	\$720,000						LOST	Park Facilities
Western Wilds Property Acquisition	LND-19-001		\$250,000				\$250,000	REAP	Land
Meredith Drive Temporary Paving	STR-18-002		\$315,000				\$315,000	Urbandale	Streets
Dymond Public Safety Center Renovation	BLD-20-001		\$420,000	\$4,570,000			\$4,990,000	Referendum	Municipal Buildings
Northern Neighborhoods Phase III Trail Ext	SDW-15-001		\$80,000	\$750,000			\$830,000	REAP/MPO	Sidewalks/Trails
Water Main Replacement (NW 78th Street)	WTM-20-002		\$75,000	\$780,000			\$855,000	Water	Water Mains
Riparian Park Development - Phase 1	PRK-21-002		\$200,000	\$3,115,154			\$3,315,154	CAT/Regional	Park Facilities
Clark Street Reconstruction (NW 103rd St to NW 111th St)	STR-20-001		\$20,000	\$2,400,000	\$2,400,000		\$4,820,000	Fran/W/S/SW	Streets
Aquatic Center Enhancements	PRK-19-002			\$450,000			\$450,000	-	Park Facilities
Watermain Replacement (NW 80th Street)	WTM-21-001			\$10,000	\$675,000		\$685,000	Water	Water Mains
Porter Shelter Area Improvements	PRK-21-003				\$2,745,000		\$2,745,000	Private/Grants	Park Facilities
Water Main Replacement (Rio Valley, Sunset Ter, Ricardo)	WTM-22-001				\$50,000	\$1,100,000	\$1,150,000	Water/Fran	Water Mains
University Blvd Pump Station Improvements	WTM-22-002				\$101,000	\$507,000	\$608,000	Water	Water Mains
Campbell Park Greenbelt Bridge Replacement	SDW-22-001					\$4,510,000	\$4,510,000	CAT/Regional	Sidewalks/Trails
Year Totals		\$11,539,666	\$17,175,000	\$15,658,154	\$9,219,000	\$9,325,000			
2019 - 2023 Capital Projects Total				\$		62,196,820			

Project Totals By Category Type	2019	2020	2021	2022	2023
Bridge/Box Culvert	\$ 400,000	\$ 955,000	\$ -	\$ -	\$ -
Land	\$ 174,866	\$ 250,000	\$ -	\$ -	\$ -
Municipal Buildings	\$ 2,070,000	\$ 5,920,000	\$ 4,570,000	\$ -	\$ -
Operating/Construction Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
Park Facilities	\$ 945,000	\$ 1,875,000	\$ 4,665,154	\$ 2,745,000	\$ -
Parking Lots	\$ -	\$ -	\$ -	\$ -	\$ -
Planning/Study	\$ -	\$ -	\$ -	\$ -	\$ -
Corridor Development	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Sanitary Sewers	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Sidewalks/Trails	\$ 225,000	\$ 455,000	\$ 1,300,000	\$ -	\$ 4,510,000
Stormwater Facilities	\$ 250,000	\$ 155,000	\$ 610,000	\$ 640,000	\$ 670,000
Streets	\$ 5,598,250	\$ 5,635,000	\$ 2,990,000	\$ 4,550,000	\$ 2,080,000
Traffic Control	\$ 1,276,550	\$ 480,000	\$ 433,000	\$ 158,000	\$ 158,000
Water Mains	\$ 325,000	\$ 1,250,000	\$ 890,000	\$ 926,000	\$ 1,707,000
Water Towers/Storage	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ 11,539,666	\$ 17,175,000	\$ 15,658,154	\$ 9,219,000	\$ 9,325,000

City of Clive: 2019 - 2023 Capital Improvement Program

2019 CIP Projects by Funding Source

Project	Project #	2019	General Obligation Bonds							Cash/Transfers from Existing Funds								
			Levy	Water	Sewer	Stormwater	TIF	Referendum	Franchise Fees	LOSST	Grants	Water	Sewer	Stormwater	RUTF	Existing	Other/Misc	
Annual Sanitary Sewer Rehabilitation Program	SNS-00-001	\$200,000											\$200,000					
Annual Water Main Replacement & Extension Program	WTM-00-001	\$100,000										\$100,000						
Shadow Creek Landing Greenway	SDW-20-001	\$50,000	\$50,000															
Annual Street Rehabilitation Program	STR-00-001	\$200,000												\$200,000				
Annual Traffic Improvement & Safety Program	TRF-00-001	\$421,550	\$361,550															\$60,000
Annual Storm Water Improvement Program	STM-00-001	\$250,000												\$250,000				
Annual Greenbelt Trail Replacement Program	SDW-00-001	\$175,000																\$175,000
Meredith Drive Reconstruction (NW 156th St - Alices Road)	STR-18-001	\$1,928,250										\$200,000					\$1,398,250	\$330,000
Buffalo Road Water Main Reinforcement	WTM-18-001	\$175,000										\$175,000						
Douglas Parkway Improvements	STR-16-002	\$350,000																\$350,000
Hickman Road Adaptive Traffic Signal System	TRF-16-001	\$855,000									\$769,500							\$37,050
Westgate Parkway Bridge (fka- NN3 Culvert)	BRG-13-001	\$400,000																\$400,000
Water Main Replacement (NW 104th, Juan Calle, Donna Bella)	WTM-20-001	\$50,000										\$50,000						
Harbach Reconstruction (NW 78th St to NW 86th St)	STR-19-002	\$2,290,000								\$1,295,000		\$320,000	\$375,000	\$300,000				
Fire Station #32 Relocation	BLD-18-001	\$2,070,000						\$2,070,000										
Berkshire North Park Development	PRK-20-001	\$50,000	\$50,000															
City Monument Signs - City Hall/Library & Aquatics	COR-18-001	\$75,000	\$70,000															\$5,000
Northern Neighborhoods Greenbelt Acquisition	LND-18-001	\$174,866																\$49,866
Canary Park Development	PRK-19-001	\$720,000	\$320,000								\$400,000							
Alices Road Park Development	PRK-21-001	\$50,000	\$50,000															
Linnan Park Improvements	PRK-19-003	\$125,000	\$125,000															
NW 128th Street & Hickman Road Intersection Improvement	STR-19-003	\$440,000	\$100,000															\$340,000
Alices Road Right of Way Acquisitions	STR-19-001	\$390,000	\$390,000															
		\$11,539,666	\$1,516,550	\$0	\$0	\$0	\$0	\$2,070,000		\$1,295,000	\$400,000	\$894,500	\$845,000	\$575,000	\$550,000	\$200,000	\$2,415,166	\$778,450

2019 Project Costs	\$1,516,550
Issuance Costs	\$55,166
Contingency	\$8,284
*Projected 2019 Bond Issue Total	\$1,580,000

* - Referendum Debt is NOT Included in the Bond Issue Totals

City of Clive: 2019 - 2023 Capital Improvement Program

2020 CIP Projects by Funding Source

Project	Project #	2020	General Obligation Bonds							Cash/Transfers from Existing Funds							
			Levy	Water	Sewer	Stormwater	TIF	Referendum	Franchise Fees	LOSST	Grants	Water	Sewer	Stormwater	RUTF	Existing	Other/Misc
Annual Sanitary Sewer Rehabilitation Program	SNS-00-001	\$200,000											\$200,000				
Annual Water Main Replacement & Extension Program	WTM-00-001	\$100,000										\$100,000					
Shadow Creek Landing Greenway	SDW-20-001	\$225,000	\$225,000														
Annual Street Rehabilitation Program	STR-00-001	\$200,000													\$200,000		
Annual Traffic Improvement & Safety Program	TRF-00-001	\$480,000	\$355,000														\$125,000
Annual Storm Water Improvement Program	STM-00-001	\$155,000												\$155,000			
Annual Greenbelt Trail Replacement Program	SDW-00-001	\$150,000	\$150,000														
Meredith Drive Temporary Paving	STR-18-002	\$315,000							\$157,000								\$157,000
Westgate Parkway Bridge (fka- NN3 Culvert)	BRG-13-001	\$955,000								\$500,000		\$205,000				\$250,000	
Water Main Replacement (NW 78th St)	WTM-20-002	\$75,000										\$75,000					
Water Main Replacement (NW 104th, Juan Calle, Donna Bella)	WTM-20-001	\$1,075,000							\$425,000			\$650,000					
Harbach Reconstruction (NW 78th St - NW 86th St)	STR-19-002	\$2,250,000							\$1,275,000			\$300,000	\$375,000	\$300,000			
Fire Station #32 Relocation	BLD-18-001	\$5,500,000						\$5,500,000									
Dymond Public Safety Center Renovation	BLD-20-001	\$420,000						\$420,000									
Berkshire North Park Development	PRK-20-001	\$725,000	\$725,000														
Northern Neighborhoods Phase III Trail Ext - Phase I	SDW-15-001	\$80,000	\$80,000														
Riparian Park Development - Phase 1	PRK-21-002	\$200,000	\$200,000														
Western Wilds Property Acquisition	LND-19-001	\$250,000									\$125,000			\$125,000			
Linnan Park Improvements	PRK-19-003	\$950,000	\$950,000														
NW 128th Street & Hickman Road Intersection Improvements	STR-19-003	\$2,460,000	\$258,013								\$1,137,635						\$1,064,352
Clark Street Reconstruction (NW 103rd - NW 109th St)	STR-20-001	\$20,000					\$20,000										
Alices Road Right of Way Acquisitions	STR-19-001	\$390,000	\$390,000														
		\$17,175,000	\$3,333,013	\$0	\$0	\$0	\$20,000	\$5,920,000	\$1,857,000	\$500,000	\$1,262,635	\$1,330,000	\$575,000	\$580,000	\$200,000	\$250,000	\$1,346,352

2020 Project Costs	\$3,353,013
Issuance Costs	\$68,330
Contingency	\$3,657
*Projected 2020 Bond Issue Total	\$3,425,000

* - Referendum Debt is NOT Included in the Bond Issue Totals

City of Clive: 2019 - 2023 Capital Improvement Program

2021 CIP Projects by Funding Source

Project	Project #	2021	General Obligation Bonds						Cash/Transfers from Existing Funds								
			Levy	Water	Sewer	Stormwater	TIF	Referendum	Franchise Fees	LOSST	Grants	Water	Sewer	Stormwater	RUTF	Existing	Other/Misc
Annual Sanitary Sewer Rehabilitation Program	SNS-00-001	\$200,000											\$200,000				
Annual Water Main Replacement & Extension Program	WTM-00-001	\$100,000										\$100,000					
Annual Street Rehabilitation Program	STR-00-001	\$200,000												\$200,000			
Annual Traffic Improvement & Safety Program	TRF-00-001	\$433,000	\$308,000														\$125,000
Annual Storm Water Improvement Program	STM-00-001	\$610,000												\$610,000			
Annual Greenbelt Trail Replacement Program	SDW-00-001	\$550,000	\$550,000														
Water Main Replacement (NW 78th Street)	WTM-20-002	\$780,000										\$780,000					
Water Main Replacement (NW 80th Street)	WTM-21-001	\$10,000										\$10,000					
Dymond Public Safety Center Renovation	BLD-20-001	\$4,570,000					\$4,570,000										
Aquatic Center Enhancements	PRK-19-002	\$450,000	\$450,000														
Northern Neighborhoods Phase III Trail Ext - Phase I	SDW-15-001	\$750,000	\$200,000						\$425,000	\$125,000							
Alices Road Park Development	PRK-21-001	\$1,100,000	\$1,100,000														
Riparian Park Development - Phase 1	PRK-21-002	\$3,115,154	\$2,115,154														\$1,000,000
Clark Street Reconstruction (NW 103rd - NW 109th St)	STR-20-001	\$2,400,000				\$1,350,000			\$325,000			\$325,000	\$400,000				
Alices Road Right of Way Acquisitions	STR-19-001	\$390,000	\$390,000														
		\$15,658,154	\$5,113,154	\$0	\$0	\$0	\$1,350,000	\$4,570,000	\$325,000	\$425,000	\$125,000	\$1,215,000	\$600,000	\$610,000	\$200,000	\$0	\$1,125,000

2021 Project Costs	\$6,463,154
Issuance Costs	\$109,632
Contingency	\$2,214
*Projected 2021 Bond Issue Total	\$6,575,000

* - Referendum Debt is NOT Included in the Bond Issue Totals

City of Clive: 2019 - 2023 Capital Improvement Program

2022 CIP Projects by Funding Source

Project	Project #	2022	General Obligation Bonds						Cash/Transfers from Existing Funds									
			Levy	Water	Sewer	Stormwater	TIF	Referendum	Franchise Fees	LOSST	Grants	Water	Sewer	Stormwater	RUTF	Existing	Other/Misc	
Annual Sanitary Sewer Rehabilitation Program	SNS-00-001	\$200,000																
Annual Water Main Replacement & Extension Program	WTM-00-001	\$100,000										\$100,000						
Annual Street Rehabilitation Program	STR-00-001	\$200,000													\$200,000			
Annual Traffic Improvement & Safety Program	TRF-00-001	\$158,000	\$158,000															
Annual Storm Water Improvement Program	STM-00-001	\$640,000												\$640,000				
NW Douglas Parkway Improvements	STR-16-002	\$1,560,000																
Water Main Replacement (NW 80th Street)	WTM-21-001	\$675,000								\$1,260,000			\$675,000				\$300,000	
Porter Shelter Area Improvements	PRK-21-003	\$2,745,000	\$1,300,000									\$275,000			\$770,000		\$400,000	
Water Main Replacement (Rio Valley, Sunset Ter, Ricardo)	WTM-22-001	\$50,000											\$50,000					
University Blvd Pump Station Improvements	WTM-22-002	\$101,000																
Clark Street Reconstruction (NW 103rd - NW 109th St)	STR-20-001	\$2,400,000					\$1,350,000			\$325,000			\$325,000	\$400,000				
Alices Road Right of Way Acquisitions	STR-19-001	\$390,000									\$390,000							
		\$9,219,000	\$1,458,000	\$0	\$0	\$0	\$1,350,000	\$0		\$1,585,000	\$390,000	\$275,000	\$1,251,000	\$600,000	\$1,410,000	\$200,000	\$0	\$700,000

2022 Project Costs	\$2,808,000
2023 Project Costs	\$2,563,000
Issuance Costs	\$71,434
Contingency	\$2,566
*Projected 2022 Bond Issue Total	\$5,445,000

* - Referendum Debt is NOT Included in the Bond Issue Totals

City of Clive: 2019 - 2023 Capital Improvement Program

2023 CIP Projects by Funding Source

Project	Project #	2023	General Obligation Bonds						Cash/Transfers from Existing Funds								
			Levy	Water	Sewer	Stormwater	TIF	Referendum	Franchise Fees	LOSST	Grants	Water	Sewer	Stormwater	RUTF	Existing	Other/Misc
Annual Sanitary Sewer Rehabilitation Program	SNS-00-001	\$200,000											\$200,000				
Annual Water Main Replacement & Extension Program	WTM-00-001	\$100,000										\$100,000					
Annual Street Rehabilitation Program	STR-00-001	\$905,000							\$705,000						\$200,000		
Annual Traffic Improvement & Safety Program	TRF-00-001	\$158,000	\$158,000														
Annual Storm Water Improvement Program	STM-00-001	\$670,000													\$670,000		
Campbell Bridge Replacement	SDW-22-001	\$4,510,000	\$1,630,000								\$1,750,000			\$1,130,000			
Water Main Replacement (Rio Valley, Sunset Ter, Ricardo)	WTM-22-001	\$1,100,000							\$400,000			\$700,000					
University Blvd Pump Station Improvements	WTM-22-002	\$507,000										\$507,000					
Alices Road Right of Way Acquisitions	STR-19-001	\$1,175,000	\$775,000							\$400,000							
		\$9,325,000	\$2,563,000	\$0	\$0	\$0	\$0	\$0	\$1,105,000	\$400,000	\$1,750,000	\$1,307,000	\$200,000	\$1,800,000	\$200,000	\$0	\$0

Appendix #5B

Tax Rate Impact Summary	
Tax Impact FY 19-20	\$0.004
Tax Impact FY 20-21	
Tax Impact FY 21-22	
Tax Impact FY 20-21	
Tax Impact FY 21-22	

Include Ref: Yes Yes Yes Yes Yes Yes

Fiscal Year Payable	Total Tax Valuation	Valuation Growth	Refermnd		TOTAL Taxes Levied	Refermnd		TOTAL Tax Rate	GO Bond Abatements				Total Revenues	Referendum								Total Uses	Surplus (Deficit)	Ending Balance				
			Current Taxes Levied	Fire Statn #32 Reno Taxes Levied		Pub Sfty Bldg Taxes Levied	Tax Rate/ #32 Reno Tax Rate		Pub Safety Bldg Tax Rate	Water	TIF	Comm& Indust Reimbur		Misc Revenues	Current G.O. Debt Service	2019A CIP Mar-19	2020A CIP Mar-20	2020R Firestation Mar-20	2021A CIP Mar-21	2021B Pub Safety Bldg Mar-21	2022A CIP Mar-22				2023A CIP Mar-23	Fiscal Fees		
2015 - 2016	1,305,336,197	1.91%	1,934,691		1,934,691	1.48214		1.48214	1,439,207	0	80,771	70,925	3,525,594	3,472,069											3,461,628	6,933,697	(3,408,103)	4,327,578
2016 - 2017	1,380,172,331	5.73%	2,046,727		2,046,727	1.48295		1.48295	1,445,778	0	80,303	689,856	4,262,664	3,460,543											4,133,979	7,594,522	(3,331,858)	995,720
2017 - 2018	1,433,905,150	3.89%	2,126,094		2,126,094	1.48273		1.48273	1,433,798	1,898,115	78,266	87,283	5,623,556	5,941,437											120,054	6,061,492	(437,935)	557,784
2018 - 2019	1,505,329,881	4.98%	2,231,636		2,231,636	1.48249		1.48249	1,296,888	1,925,665	74,548	40,003	5,568,740	5,367,016											20,500	5,387,516	181,224	739,009
2019 - 2020	1,551,448,242	3.06%	2,306,947		2,306,947	1.48696		1.48696	1,291,538			0	3,598,484	3,453,686	168,188										6,000	3,627,874	(29,390)	709,618
2020 - 2021	1,566,962,724	1.00%	2,330,016	735,366	3,065,382	1.48696	0.46929	1.95626	117,563		0		3,182,945	1,784,951	196,371	463,961	735,366								6,000	3,186,849	(3,904)	705,714
2021 - 2022	1,582,632,352	1.00%	2,353,316	641,409	3,421,112	1.48696	0.40528	2.16166	120,163		0		3,541,274	1,388,816	197,032	427,538	641,409	457,733	426,387						6,000	3,544,915	(3,641)	702,074
2022 - 2023	1,598,458,675	1.00%	2,376,849	640,739	3,717,328	1.48696	0.40085	2.23230	122,663		0		3,511,578	1,384,499	197,232	426,092	640,739	410,473	371,328	76,063					6,000	3,512,425	(847)	701,227
2023 - 2024	1,614,443,262	1.00%	2,400,618	644,481	3,715,219	1.48696	0.39920	2.22926	120,013		0		3,535,231	1,389,399	192,148	429,045	644,481	407,907	370,120	205,851	133,471				6,000	3,778,420	(243,189)	458,038
2024 - 2025	1,630,587,695	1.00%	2,424,624	642,391	3,435,617	1.48696	0.39396	2.210698	37,319		0		3,472,936	937,483	196,925	426,149	642,391	785,007	368,603	205,587	106,777				6,000	3,674,919	(201,983)	256,056
2025 - 2026	1,630,587,695	0.00%	2,424,624	644,619	3,717,522	1.48696	0.39533	2.22799	36,181		0		3,477,176	724,423	196,232	427,553	644,619	786,431	371,752	205,037	206,777				6,000	3,568,822	(91,646)	164,409
2026 - 2027	1,630,587,695	0.00%	2,222,800	640,969	3,693,336	1.36319	0.39309	2.22650	1,98278		0		3,233,105	174,970	195,214	428,063	640,969	786,299	369,336	204,178	428,077				6,000	3,233,105		164,409
2027 - 2028	1,630,587,695	0.00%	2,219,089	641,598	3,717,566	1.36091	0.39348	2.22787	1,98226		0		3,232,252	175,185	193,879	427,619	641,598	784,629	371,566	207,986	425,792				4,000	3,232,252		164,409
2028 - 2029	1,630,587,695	0.00%	2,052,845	641,303	3,732,000	1.25896	0.39330	2.22887	1,88113		0		3,067,348		197,201	431,231	641,303	786,315	373,200	206,271	427,827				4,000	3,067,348		164,409
2029 - 2030	1,630,587,695	0.00%	1,851,979	645,024	3,697,242	1.13577	0.39558	2.22645	1,75780		0		2,866,244			428,614	645,024	786,162	369,242	209,201	424,002				4,000	2,866,244		164,409
2030 - 2031	1,630,587,695	0.00%	1,419,087	642,545	3,699,876	0.87029	0.39406	2.22684	1,49118		0		2,431,507				642,545	784,050	369,876	206,579	424,458				4,000	2,431,507		164,409
2031 - 2032	1,630,587,695	0.00%	636,588	644,105	3,699,888	0.39040	0.39501	2.22684	1,01226		0		1,650,580				644,105		369,888	208,580	424,008				4,000	1,650,580		164,409
2032 - 2033	1,630,587,695	0.00%	431,589	644,449	3,699,885	0.26468	0.39522	2.22647	0,88638		0		1,445,322				644,449		369,285		427,589				4,000	1,445,322		164,409
2033 - 2034	1,630,587,695	0.00%	4,000	643,637	3,732,053	0.00245	0.39473	2.22878	0,62596		0		1,020,689				643,637		373,053						4,000	1,020,689		164,409
2034 - 2035	1,630,587,695	0.00%	4,000	641,649	3,709,911	0.00245	0.39351	2.22752	0,62348		0		1,016,640				641,649		370,991						4,000	1,016,640		164,409
2035 - 2036	1,630,587,695	0.00%	4,000	643,465	3,732,324	0.00245	0.39462	2.22895	0,62602		0		1,020,789				643,465		373,324						4,000	1,020,789		164,409
2036 - 2037	1,630,587,695	0.00%	4,000	643,821	3,699,800	0.00245	0.39484	2.22679	0,62408		0		1,017,621				643,821		369,800						4,000	1,017,621		164,409
2037 - 2038	1,630,587,695	0.00%	4,000	642,692	3,706,481	0.00245	0.39415	2.22731	0,62391		0		1,017,340				642,692		370,648						4,000	1,017,340		164,409
2038 - 2039	1,630,587,695	0.00%	4,000	645,053	3,706,121	0.00245	0.39560	2.22729	0,62534		0		1,019,664				645,053		370,612						4,000	1,019,664		164,409
2039 - 2040	1,630,587,695	0.00%	4,000	640,744	3,697,676	0.00245	0.39295	2.22671	0,62212		0		1,014,420				640,744		369,676						4,000	1,014,420		164,409
2040 - 2041	1,630,587,695	0.00%	4,000		372,892	0.00245		2.22869	0,23114		0		376,892						372,892						4,000	376,892		164,409
													1,930,621	4,315,862	12,950,052	6,775,005	7,471,573	1,935,333	3,428,776									

City of Clive, Iowa
Projection of G.O. Debt Capacity

EXHIBIT 2

Valuation Growth & Debt Limit Assumptions	
Beginning 2013-14	0.00%
Legal Limit	5.00%
Effective Limit	85%

Fiscal Year	Actual Valuation	Gross Debt Limit	Effective Debt Limit	EXISTING DEBT ISSUES SUBJECT TO DEBT LIMIT *				CIP	CIP	Ref	CIP	Ref	CIP	CIP	Other Agreements	TOTAL G.O. DEBT	Available Effective Capacity	Available Legal Capacity	Percent /Debt Gross Debt Limit	Fiscal Year
				Proposed 2019A	Proposed 2020A	Proposed 2020B	Proposed 2021A	Proposed 2021B	Proposed 2022A	Proposed 2023A	Taxes Mar-19	Taxes Mar-20	Taxes Mar-20	Taxes Mar-21						
FY 2013-14	1,929,872,041	96,493,602	82,019,562	13,627,800	17,315,000	8,777,200									6,898,063	46,618,063	35,401,499	49,875,539	48.31%	FY 2013-14
FY 2014-15	1,930,663,779	96,533,189	82,053,211	13,873,000	15,125,000	8,137,000									5,307,381	42,442,381	39,610,830	54,090,808	43.97%	FY 2014-15
FY 2015-16	1,999,534,017	99,976,701	84,980,196	12,445,000	12,790,000	6,930,000									3,990,757	36,155,757	48,824,439	63,820,944	36.16%	FY 2015-16
FY 2016-17	2,127,181,461	106,359,073	90,405,212	10,745,000	10,390,000	5,640,000									2,720,743	29,495,743	60,909,470	76,863,330	27.73%	FY 2016-17
FY 2017-18	2,189,510,109	109,475,505	93,054,180	12,466,000	7,845,000	4,319,000									1,889,662	26,519,662	66,534,518	82,955,844	24.22%	FY 2017-18
FY 2018-19	2,330,838,324	116,541,916	99,060,629	10,644,000	5,630,000	2,986,000									1,025,213	20,285,213	78,775,415	96,256,703	17.41%	FY 2018-19
FY 2019-20	2,369,964,214	118,498,211	100,723,479	8,762,000	3,820,000	1,763,000		1,585,000							1,039,652	16,969,652	83,753,827	101,528,558	14.32%	FY 2019-20
FY 2020-21	2,413,078,805	120,653,940	102,555,849	6,820,000	1,975,000	515,000		1,485,000	3,420,000	8,180,000					1,039,471	23,434,471	79,121,379	97,219,470	19.42%	FY 2020-21
FY 2021-22	2,457,271,261	122,863,563	104,434,029	5,325,000	1,395,000	410,000		1,340,000	3,135,000	7,915,000	5,225,000	4,720,000			541,606	30,006,606	74,427,423	92,856,957	24.42%	FY 2021-22
FY 2022-23	2,502,568,529	125,128,426	106,359,162	4,190,000	790,000	300,000		1,190,000	2,840,000	7,640,000	5,045,000	4,565,000	1,530,000		529,543	28,619,543	77,739,620	96,508,884	22.87%	FY 2022-23
FY 2023-24	2,645,368,872	132,268,444	112,428,177	3,035,000	400,000	185,000		1,035,000	2,535,000	7,355,000	4,850,000	4,405,000	1,530,000	2,645,000	523,687	28,498,687	83,929,491	103,769,757	21.55%	FY 2023-24
FY 2024-25	2,645,368,872	132,268,444	112,428,177	1,845,000		70,000		880,000	2,215,000	7,055,000	4,650,000	4,240,000	1,385,000	2,645,000	527,293	25,512,293	86,915,884	106,756,151	19.29%	FY 2024-25
FY 2025-26	2,645,368,872	132,268,444	112,428,177	995,000		35,000		715,000	1,885,000	6,745,000	4,065,000	4,070,000	1,235,000	2,645,000	441,765	22,831,765	89,596,412	109,436,678	17.26%	FY 2025-26
FY 2026-27	2,645,368,872	132,268,444	112,428,177	335,000				545,000	1,540,000	6,420,000	3,455,000	3,890,000	1,080,000	2,545,000		19,810,000	92,618,177	112,458,444	14.98%	FY 2026-27
FY 2027-28	2,645,368,872	132,268,444	112,428,177	170,000				370,000	1,180,000	6,085,000	2,820,000	3,705,000	920,000	2,220,000		17,470,000	94,958,177	114,798,444	13.21%	FY 2027-28
FY 2028-29	2,645,368,872	132,268,444	112,428,177					190,000	805,000	5,735,000	2,160,000	3,510,000	750,000	1,885,000		15,035,000	97,393,177	117,233,444	11.37%	FY 2028-29
FY 2029-30	2,645,368,872	132,268,444	112,428,177						410,000	5,370,000	1,470,000	3,305,000	575,000	1,535,000		12,665,000	99,763,177	119,603,444	9.58%	FY 2029-30
FY 2030-31	2,645,368,872	132,268,444	112,428,177							4,985,000	750,000	3,095,000	390,000	1,175,000		10,395,000	102,033,177	121,873,444	7.86%	FY 2030-31
FY 2031-32	2,645,368,872	132,268,444	112,428,177							4,585,000		2,875,000	200,000	800,000		8,460,000	103,968,177	123,808,444	6.40%	FY 2031-32
FY 2032-33	2,645,368,872	132,268,444	112,428,177							4,165,000		2,645,000	0	410,000		7,220,000	105,208,177	125,048,444	5.46%	FY 2032-33
FY 2033-34	2,645,368,872	132,268,444	112,428,177							3,725,000		2,405,000	0	0		6,130,000	106,298,177	126,138,444	4.63%	FY 2033-34
FY 2034-35	2,645,368,872	132,268,444	112,428,177							3,265,000		2,150,000	0	0		5,415,000	107,013,177	126,853,444	4.09%	FY 2034-35
FY 2035-36	2,645,368,872	132,268,444	112,428,177							2,785,000		1,885,000	0	0		4,670,000	107,758,177	127,598,444	3.53%	FY 2035-36
FY 2036-37	2,645,368,872	132,268,444	112,428,177							2,280,000		1,605,000	0	0		3,885,000	108,543,177	128,383,444	2.94%	FY 2036-37
FY 2037-38	2,645,368,872	132,268,444	112,428,177							1,750,000		1,315,000	0	0		3,065,000	109,363,177	129,203,444	2.32%	FY 2037-38
FY 2038-39	2,645,368,872	132,268,444	112,428,177							1,195,000		1,010,000	0	0		2,205,000	110,223,177	130,063,444	1.67%	FY 2038-39
FY 2039-40	2,645,368,872	132,268,444	112,428,177							610,000		690,000	0	0		1,300,000	111,128,177	130,968,444	0.98%	FY 2039-40
FY 2040-41	2,645,368,872	132,268,444	112,428,177									355,000	0	0		355,000	112,073,177	131,913,444	0.27%	FY 2040-41

City of Clive, Iowa					
Proposed General Obligation Bonds, Series 2019A					
CIP Bonds					
Date	Principal	Coupon	Interest	Semi-Annual Debt Service	Projected Annual Debt Service
03-01-19					
12-01-19			40,913	40,913	
06-01-20	100,000	2.980	27,275	127,275	168,188
12-01-20			25,785	25,785	
06-01-21	145,000	3.130	25,785	170,785	196,571
12-01-21			23,516	23,516	
06-01-22	150,000	3.200	23,516	173,516	197,032
12-01-22			21,116	21,116	
06-01-23	155,000	3.280	21,116	176,116	197,232
12-01-23			18,574	18,574	
06-01-24	155,000	3.370	18,574	173,574	192,148
12-01-24			15,962	15,962	
06-01-25	165,000	3.450	15,962	180,962	196,925
12-01-25			13,116	13,116	
06-01-26	170,000	3.540	13,116	183,116	196,232
12-01-26			10,107	10,107	
06-01-27	175,000	3.620	10,107	185,107	195,214
12-01-27			6,940	6,940	
06-01-28	180,000	3.710	6,940	186,940	193,879
12-01-28			3,601	3,601	
06-01-29	190,000	3.790	3,601	193,601	197,201
12-01-29					
06-01-30					
12-01-30					
06-01-31					
12-01-31					
06-01-32					
12-01-32					
06-01-33					
12-01-33					
06-01-34					
12-01-34					
06-01-35					
12-01-35					
06-01-36					
12-01-36					
06-01-37					
12-01-37					
06-01-38					
12-01-38					
06-01-39					
12-01-39					
06-01-40					
	1,585,000		345,621	1,930,621	1,930,621
Dated Date			3/1/2019		
Delivery Date			3/1/2019		
Scale	10/25/2018 MMD Aaa + 9 bps credit (Ames - Aa1/BQ)				
	+ 100 bps timing				

2019 CIP Projects	
Sources and Uses of Funds	
Sources	
Par Amount of Bond	1,585,000
Reserved	
Accrued Interest	
<i>Total Sources</i>	1,585,000
Uses	
Deposit to Construction Fund	1,516,550
Debt Service Reserve Fund	
Capitalized Interest	
Underwriters' Discount	0.800% 12,680
Costs of Issuance	55,000
Accrued Interest	
Contingency	770
<i>Total Uses</i>	1,585,000
Dated Date	3/1/2019
Delivery Date	3/1/2019
	D/S Target: 194,700
True Interest Cost* 3.691%	
Average Life	6.14
* -Based on dated date	

City of Clive, Iowa

EXHIBIT 4

General Obligation Corporate Purpose Bonds, Series 2020A
CIP Projects

2020 CIP Projects

SOURCES & USES	
SOURCES	
Par Amount of Bonds	3,420,000.00
Accrued Interest Premium	
Total Sources	3,420,000.00
USES	
Deposit to Construction Account	3,333,013.00
Deposit to Reserve Account	
Capitalized Interest Account	0.00
Municipal Bond Insurance	
Underwriters' Discount (\$9.00 per bond)	30,780.00
Costs of Issuance	55,000.00
Accrued Interest	
Rounding Amount	1,207.00
Total Uses	3,420,000.00
ASSUMPTIONS	
Dated Date	3/1/2020
Delivery Date	3/1/2020
First Interest Date	12/1/2020
First Principal Date	6/1/2021
Last Principal Date	6/1/2030
Yield Calculations:	
Arbitrage Yield	4.28953%
TIC	4.46404%
AIC	4.78145%
Average Life	6.09 Years

DEBT SERVICE SCHEDULE						
Date	Principal	Coupon	Interest	Debt Service	Annual Debt Service	
12/1/2020			107,376	107,376		
1.25 6/1/2021	285,000	3.730%	71,584	356,584	463,961	
12/1/2021			66,269	66,269		
2.25 6/1/2022	295,000	3.880%	66,269	361,269	427,538	
12/1/2022			60,546	60,546		
3.25 6/1/2023	305,000	3.950%	60,546	365,546	426,092	
12/1/2023			54,522	54,522		
4.25 6/1/2024	320,000	4.030%	54,522	374,522	429,045	
12/1/2024			48,074	48,074		
5.25 6/1/2025	330,000	4.120%	48,074	378,074	426,149	
12/1/2025			41,276	41,276		
6.25 6/1/2026	345,000	4.200%	41,276	386,276	427,553	
12/1/2026			34,031	34,031		
7.25 6/1/2027	360,000	4.290%	34,031	394,031	428,063	
12/1/2027			26,309	26,309		
8.25 6/1/2028	375,000	4.370%	26,309	401,309	427,619	
12/1/2028			18,116	18,116		
9.25 6/1/2029	395,000	4.460%	18,116	413,116	431,231	
12/1/2029			9,307	9,307		
10.25 6/1/2030	410,000	4.540%	9,307	419,307	428,614	
12/1/2030						
11.25 6/1/2031						
12/1/2031						
12.25 6/1/2032						
12/1/2032						
13.25 6/1/2033						
12/1/2033						
14.25 6/1/2034						
12/1/2034						
15.25 6/1/2035						
12/1/2035						
16.25 6/1/2036						
12/1/2036						
17.25 6/1/2037						
12/1/2037						
18.25 6/1/2038						
12/1/2038						
19.25 6/1/2039						
12/1/2039						
20.25 6/1/2040						
			3,420,000	895,862	4,315,862	4,315,862
Scale : MMD Aaa 10-25-2018 + 34 bps credit (Johnston - AA+/Non-BQ) + 150 bps timing						

City of Clive, Iowa
Proposed G. O. Corporate Purpose Bonds, Series 2020B
Referendum Bonds

EXHIBIT 5

Date	Principal	Coupon	Interest	Semi-Annual Debt Service	Projected Annual Debt Service	
03-01-20						
12-01-20			282,220	282,220		
06-01-21	265,000	3.730	188,147	453,147	735,366	1.25
12-01-21			183,204	183,204		
06-01-22	275,000	3.880	183,204	458,204	641,409	2.25
12-01-22			177,869	177,869		
06-01-23	285,000	3.950	177,869	462,869	640,739	3.25
12-01-23			172,241	172,241		
06-01-24	300,000	4.030	172,241	472,241	644,481	4.25
12-01-24			166,196	166,196		
06-01-25	310,000	4.120	166,196	476,196	642,391	5.25
12-01-25			159,810	159,810		
06-01-26	325,000	4.200	159,810	484,810	644,619	6.25
12-01-26			152,985	152,985		
06-01-27	335,000	4.290	152,985	487,985	640,969	7.25
12-01-27			145,799	145,799		
06-01-28	350,000	4.370	145,799	495,799	641,598	8.25
12-01-28			138,151	138,151		
06-01-29	365,000	4.460	138,151	503,151	641,303	9.25
12-01-29			130,012	130,012		
06-01-30	385,000	4.540	130,012	515,012	645,024	10.25
12-01-30			121,272	121,272		
06-01-31	400,000	4.610	121,272	521,272	642,545	11.25
12-01-31			112,052	112,052		
06-01-32	420,000	4.680	112,052	532,052	644,105	12.25
12-01-32			102,224	102,224		
06-01-33	440,000	4.730	102,224	542,224	644,449	13.25
12-01-33			91,818	91,818		
06-01-34	460,000	4.780	91,818	551,818	643,637	14.25
12-01-34			80,824	80,824		
06-01-35	480,000	4.830	80,824	560,824	641,649	15.25
12-01-35			69,232	69,232		
06-01-36	505,000	4.880	69,232	574,232	643,465	16.25
12-01-36			56,910	56,910		
06-01-37	530,000	4.930	56,910	586,910	643,821	17.25
12-01-37			43,846	43,846		
06-01-38	555,000	4.980	43,846	598,846	642,692	18.25
12-01-38			30,026	30,026		
06-01-39	585,000	5.010	30,026	615,026	645,053	19.25
12-01-39			15,372	15,372		
06-01-40	610,000	5.040	15,372	625,372	640,744	20.25
12-01-40						
06-01-41						21.25
12-01-41						
06-01-42						22.25
	8,180,000		4,770,052	12,950,052	12,950,052	

Dated Date **3/1/2020**
 Delivery Date **3/1/2020**
 Scale **10/25/2018 MMD Aaa + 34 bps (Johnston - AA+/Non-BQ)**
+ 150 bps timing

Sources and Uses of Funds	
Sources	
Par Amount of Bond	8,180,000
Reserved	
Accrued Interest	
Total Sources	8,180,000
Uses	
Deposit to Construction Fund	8,000,000
Debt Service Reserve Fund	
Capitalized Interest	
Underwriters' Discount 1.500%	122,700
Costs of Issuance	54,000
Accrued Interest	
Contingency	3,300
Total Uses	8,180,000
Dated Date	3/1/2020
Delivery Date	3/1/2020
D/S Target:	643,000

True Interest Cost* 4.918%

Average Life 12.21
 * -Based on dated date

City of Clive, Iowa

General Obligation Corporate Purpose Bonds, Series 2021A

EXHIBIT 6

2021 CIP Projects

SOURCES & USES	
SOURCES	
Par Amount of Bonds	5,225,000.00
Accrued Interest Premium	
Total Sources	5,225,000.00
USES	
Deposit to Construction Account	5,113,154.00
Deposit to Reserve Account	
Capitalized Interest Account	0.00
Municipal Bond Insurance	
Underwriters' Discount (\$9.00 per bond)	47,025.00
Costs of Issuance	64,000.00
Accrued Interest	
Rounding Amount	821.00
Total Uses	5,225,000.00
ASSUMPTIONS	
Dated Date	3/1/2021
Delivery Date	3/1/2021
First Interest Date	12/1/2021
First Principal Date	6/1/2022
Last Principal Date	6/1/2031

DEBT SERVICE SCHEDULE						
Date	Principal	Coupon	Interest	Debt Service	Annual Debt Service	
12/1/2021			166,640	166,640		
1.25 6/1/2022	180,000	3.730%	111,093	291,093	457,733	
2.25 12/1/2022			107,736	107,736		
2.25 6/1/2023	195,000	3.880%	107,736	302,736	410,473	
3.25 12/1/2023			103,953	103,953		
3.25 6/1/2024	200,000	3.950%	103,953	303,953	407,907	
4.25 12/1/2024			100,003	100,003		
4.25 6/1/2025	585,000	4.030%	100,003	685,003	785,007	
5.25 12/1/2025			88,216	88,216		
5.25 6/1/2026	610,000	4.120%	88,216	698,216	786,431	
6.25 12/1/2026			75,650	75,650		
6.25 6/1/2027	635,000	4.200%	75,650	710,650	786,299	
7.25 12/1/2027			62,315	62,315		
7.25 6/1/2028	660,000	4.290%	62,315	722,315	784,629	
8.25 12/1/2028			48,158	48,158		
8.25 6/1/2029	690,000	4.370%	48,158	738,158	786,315	
9.25 12/1/2029			33,081	33,081		
9.25 6/1/2030	720,000	4.460%	33,081	753,081	786,162	
10.25 12/1/2030			17,025	17,025		
10.25 6/1/2031	750,000	4.540%	17,025	767,025	784,050	
11.25 12/1/2031						
11.25 6/1/2032						
12.25 12/1/2032						
12.25 6/1/2033						
13.25 12/1/2033						
13.25 6/1/2034						
14.25 12/1/2034						
14.25 6/1/2035						
15.25 12/1/2035						
15.25 6/1/2036						
16.25 12/1/2036						
16.25 6/1/2037						
17.25 12/1/2037						
17.25 6/1/2038						
18.25 12/1/2038						
18.25 6/1/2039						
19.25 12/1/2039						
19.25 6/1/2040						
20.25 12/1/2040						
20.25 6/1/2041						
			5,225,000	1,550,005	6,775,005	6,775,005
Scale : MMD Aaa 10-25-2018 + 34 bps credit (Johnston - AA+/Non-BQ) + 150 for timing						

City of Clive, Iowa					
Proposed G. O. Corporate Purpose Bonds, Series 2021B					
Referendum Bonds					
Date	Principal	Coupon	Interest	Semi-Annual Debt Service	Projected Annual Debt Service
03-01-21					
12-01-21			162,832	162,832	
06-01-22	155,000	3.730	108,555	263,555	426,387 1.25
12-01-22			105,664	105,664	
06-01-23	160,000	3.880	105,664	265,664	371,328 2.25
12-01-23			102,560	102,560	
06-01-24	165,000	3.950	102,560	267,560	370,120 3.25
12-01-24			99,301	99,301	
06-01-25	170,000	4.030	99,301	269,301	368,603 4.25
12-01-25			95,876	95,876	
06-01-26	180,000	4.120	95,876	275,876	371,752 5.25
12-01-26			92,168	92,168	
06-01-27	185,000	4.200	92,168	277,168	369,336 6.25
12-01-27			88,283	88,283	
06-01-28	195,000	4.290	88,283	283,283	371,566 7.25
12-01-28			84,100	84,100	
06-01-29	205,000	4.370	84,100	289,100	373,200 8.25
12-01-29			79,621	79,621	
06-01-30	210,000	4.460	79,621	289,621	369,242 9.25
12-01-30			74,938	74,938	
06-01-31	220,000	4.540	74,938	294,938	369,876 10.25
12-01-31			69,944	69,944	
06-01-32	230,000	4.610	69,944	299,944	369,888 11.25
12-01-32			64,642	64,642	
06-01-33	240,000	4.680	64,642	304,642	369,285 12.25
12-01-33			59,026	59,026	
06-01-34	255,000	4.730	59,026	314,026	373,053 13.25
12-01-34			52,996	52,996	
06-01-35	265,000	4.780	52,996	317,996	370,991 14.25
12-01-35			46,662	46,662	
06-01-36	280,000	4.830	46,662	326,662	373,324 15.25
12-01-36			39,900	39,900	
06-01-37	290,000	4.880	39,900	329,900	369,800 16.25
12-01-37			32,824	32,824	
06-01-38	305,000	4.930	32,824	337,824	370,648 17.25
12-01-38			25,306	25,306	
06-01-39	320,000	4.980	25,306	345,306	370,612 18.25
12-01-39			17,338	17,338	
06-01-40	335,000	5.010	17,338	352,338	369,676 19.25
12-01-40			8,946	8,946	
06-01-41	355,000	5.040	8,946	363,946	372,892 20.25
12-01-41					
06-01-42					21.25
-----	4,720,000		2,751,573	7,471,573	7,471,573
Dated Date 3/1/2021					
Delivery Date 3/1/2021					
Scale 10/25/2018 MMD Aaa + 34 bps (Johnston - AA+/Non-BQ) + 150 bps for timing					

Sources and Uses of Funds	
Sources	
Par Amount of Bond	4,720,000
Reserved	
Accrued Interest	

Total Sources	4,720,000
Uses	
Deposit to Construction Fund	4,600,000
Debt Service Reserve Fund	
Capitalized Interest	
Underwriters' Discount 1.500%	70,800
Costs of Issuance	45,000
Accrued Interest	
Contingency	4,200

Total Uses	4,720,000
Dated Date	3/1/2021
Delivery Date	3/1/2021
D/S Target:	371,000

True Interest Cost* 4.918%

Average Life 12.21
* -Based on dated date

City of Clive, Iowa

EXHIBIT 8

General Obligation Corporate Purpose Bonds, Series 2022A

2022 CIP Projects

SOURCES & USES	
SOURCES	
Par Amount of Bonds	1,530,000.00
Accrued Interest	
Other Monies	

Total Sources	1,530,000.00
USES	
Deposit to Construction Account	1,458,000.00
Deposit to Reserve Account	
Capitalized Interest Account	0.00
Municipal Bond Insurance	
Underwriters' Discount (\$9.00 per bond)	13,770.00
Costs of Issuance	55,000.00
Accrued Interest	
Rounding Amount	3,230.00

Total Uses	1,530,000.00
ASSUMPTIONS	
Dated Date	3/1/2022
Delivery Date	3/1/2022
First Interest Date	12/1/2022
First Principal Date	6/1/2023
Last Principal Date	6/1/2032
Yield Calculations:	
Arbitrage Yield	4.05126%
TIC	4.21311%
AIC	4.87950%
Average Life	6.52 Years

DEBT SERVICE SCHEDULE					
Date	Principal	Coupon	Interest	Debt Service	Annual Debt Service

12/1/2022			45,638	45,638	
1.25 6/1/2023	0	3.480%	30,425	30,425	76,063
2.25 12/1/2023			30,425	30,425	
2.25 6/1/2024	145,000	3.630%	30,425	175,425	205,851
2.25 12/1/2024			27,794	27,794	
3.25 6/1/2025	150,000	3.700%	27,794	177,794	205,587
3.25 12/1/2025			25,019	25,019	
4.25 6/1/2026	155,000	3.780%	25,019	180,019	205,037
4.25 12/1/2026			22,089	22,089	
5.25 6/1/2027	160,000	3.870%	22,089	182,089	204,178
5.25 12/1/2027			18,993	18,993	
6.25 6/1/2028	170,000	3.950%	18,993	188,993	207,986
6.25 12/1/2028			15,636	15,636	
7.25 6/1/2029	175,000	4.040%	15,636	190,636	206,271
7.25 12/1/2029			12,101	12,101	
8.25 6/1/2030	185,000	4.120%	12,101	197,101	209,201
8.25 12/1/2030			8,290	8,290	
9.25 6/1/2031	190,000	4.210%	8,290	198,290	206,579
9.25 12/1/2031			4,290	4,290	
10.25 6/1/2032	200,000	4.290%	4,290	204,290	208,580
10.25 12/1/2032					
11.25 6/1/2033					
11.25 12/1/2033					
12.25 6/1/2034					
12.25 12/1/2034					
13.25 6/1/2035					
13.25 12/1/2035					
14.25 6/1/2036					
14.25 12/1/2036					
15.25 6/1/2037					
15.25 12/1/2037					
16.25 6/1/2038					
16.25 12/1/2038					
17.25 6/1/2039					
17.25 12/1/2039					
18.25 6/1/2040					
18.25 12/1/2040					
19.25 6/1/2041					
19.25 12/1/2041					
20.25 6/1/2042					

	1,530,000		405,333	1,935,333	1,935,333
Scale : MMD Aaa 10-25-2018 + 9 bps credit (Ames - Aa1/BQ) + 150 bps for timing					

City of Clive, Iowa

Proposed General Obligation Bonds, Series 2023A

CIP Bonds

Date	Principal	Coupon	Interest	Semi-Annual Debt Service	Projected Annual Debt Service
03-01-23					
12-01-23			80,082	80,082	
06-01-24	0	3.480	53,388	53,388	133,471
12-01-24			53,388	53,388	
06-01-25	0	3.630	53,388	53,388	106,777
12-01-25			53,388	53,388	
06-01-26	100,000	3.700	53,388	153,388	206,777
12-01-26			51,538	51,538	
06-01-27	325,000	3.780	51,538	376,538	428,077
12-01-27			45,396	45,396	
06-01-28	335,000	3.870	45,396	380,396	425,792
12-01-28			38,914	38,914	
06-01-29	350,000	3.950	38,914	388,914	427,827
12-01-29			32,001	32,001	
06-01-30	360,000	4.040	32,001	392,001	424,002
12-01-30			24,729	24,729	
06-01-31	375,000	4.120	24,729	399,729	424,458
12-01-31			17,004	17,004	
06-01-32	390,000	4.210	17,004	407,004	424,008
12-01-32			8,795	8,795	
06-01-33	410,000	4.290	8,795	418,795	427,589
12-01-33					
06-01-34					
12-01-34					
06-01-35					
12-01-35					
06-01-36					
12-01-36					
06-01-37					
12-01-37					
06-01-38					
12-01-38					
06-01-39					
12-01-39					
06-01-40					
12-01-40					
06-01-41					
12-01-41					
06-01-42					
12-01-42					
	2,645,000		783,776	3,428,776	3,428,776

Dated Date 3/1/2023
 Delivery Date 3/1/2023
 Scale 10/25/2018 MMD plus 9 bps Pricing and 150 bps Timing

EXHIBIT 9

2023 CIP Projects

Sources and Uses of Funds	
Sources	
Par Amount of Bond Reserved	2,645,000
Accrued Interest	
<i>Total Sources</i>	2,645,000
Uses	
Deposit to Construction Fund	2,563,000
Debt Service Reserve Fund	
Capitalized Interest	
Underwriters' Discount 0.900%	23,805
Costs of Issuance	55,000
Accrued Interest	
Contingency	3,195
<i>Total Uses</i>	2,645,000
Dated Date	3/1/2023
Delivery Date	3/1/2023
D/S Target:	426,000

True Interest Cost* 4.227%

Average Life 7.25
 * -Based on dated date