

City of Urbandale, Iowa

Capital Improvements Program

2022-2027+



Capital Improvements Program 2022-2027+



CITY OF URBANDALE

Capital Improvements Program 2022 – 2027

City of Urbandale, Iowa



CIP Committee Members

Bridget Carberry Montgomery – City Council, Chair

Adam Obrecht – City Council, Co-Chair

Pete Hutchison – Parks and Recreation Commission

Julie Roethler – Planning and Zoning Commission

John Hollebrands – At Large

Rob Hilbert – At Large

Pat Boddy – At Large

Steve Lytle – At Large

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Kristin Brostrom, Assistant City Engineer

Nicole Lamb, Finance Director

Rob Johansen, Police Chief

Ryan Noah, GIS Coordinator





To the Honorable Mayor and
Members of the City Council
City of Urbandale

December 7, 2021

Urbandale, Iowa

**Re: 2022-2027+ Capital Improvements
Program**

On behalf of the Capital Improvements Program Committee, I am pleased to submit the recommended 2022-2027+ Capital Improvements Program (CIP) to the City Council for consideration to adopt at its public hearing on January 11, 2022. The CIP Committee recognizes that the City Council has the final authority to adopt or to amend for adoption, and to set the debt service levy to fund the CIP projects.

The CIP Committee met to review City staff's recommendations for capital improvements. At its meeting, on November 15, 2021, the CIP Committee reviewed each section in detail. The CIP Committee passed a motion to move the Fire Ladder Truck Replacement forward one year, from 2025 to 2024.

The CIP Committee held its public hearing on December 7, 2021.

At the public hearing, a motion was passed to update the EV Charging Stations project sheet to consist of the installation of two dual-sided level 2 EV chargers at the Parks/Public Works Facility. The chargers would be for city fleet vehicle use only.

The Committee unanimously approved this recommended CIP. The Committee's recommended CIP includes 25 new CIP projects which are listed on the next page, followed by a list of 15 CIP projects completed or nearly completed in 2021.

As the CIP Chair, and on behalf of the CIP Committee, I want to thank the Mayor and City Council for the opportunity to serve in this capacity. We commend you for allowing residents to identify the community's capital improvement needs and encourage you to appoint a CIP Committee in Fall 2022 to update this CIP.

Sincerely,

Bridget Carberry Montgomery

Bridget Carberry Montgomery, Chair
Capital Improvements Committee

NEW PROJECTS

2022-2027+ Capital Improvements Program

Page	MAP ID	(In 000's)	Calendar Year					Unprogrammed	
			2022	2023	2024	2025	2026	2027-31	
BUILDINGS									
5	BU22-01	FAST Training Building Upgrade	60.0	-	-	-	-	-	
6	BU22-02	Fire Station #41 Replacement	-	-	100.0	-	-	6,435.0	
EQUIPMENT									
13	EQ22-01	EV Charging Stations	3.0	3.0	1,413.0	650.0	569.0	4,555.0	
15	EQ22-02	Fire Ladder Truck Replacement	-	-	1,200.0	-	-	-	
16	EQ22-03	Fire Mobile Ventilation Unit	-	185.0	-	-	-	-	
17	EQ22-04	Fire SCBA Replacement	-	-	-	-	465.0	-	
PARKS									
32	PK22-01	Lions Park Sprayground	-	700.0	-	-	-	-	
33	PK22-02	Northpark Corridor Park	-	170.0	-	-	-	-	
37	PK22-03	Water Trails Projects	50.0	375.0	-	-	-	200.0	
38	PK22-04	Waterford Park - Disk Golf Expar	-	-	15.0	-	-	-	
STORM SEWERS									
50	SS22-01	Merle Hay Reinvestment District	375.0	5,425.0	-	-	-	-	
52	SS22-02	Oliver Smith Dr. Storm Sewer Imp	-	-	-	-	-	2,875.0	
54	SS22-03	Roseland Dr. Storm Sewer Improv	-	-	325.0	2,150.0	-	-	
55	SS22-04	66th St. Storm Sewer Improver	-	-	-	-	400.0	2,575.0	
STREETS									
58	ST22-01	Aurora Ave. Preservation 86th to	-	2,250.0	-	-	-	-	
67	ST22-02	Justin Dr. Preservation 100th to 10	-	-	-	1,100.0	-	-	
68	ST22-03	Meredith Dr. Preservation 86th to	-	-	-	1,850.0	-	-	
69	ST22-04	Meredith Dr. Preservation 104th to	-	-	1,200.0	-	-	-	
71	ST22-05	N.W. Urbandale Dr. Preservation	-	-	-	-	1,700.0	-	
79	ST22-06	121st St. Preservation Douglas to	-	-	600.0	-	-	-	
WATER									
100	WA22-01	16" Meredith Dr. Water Main Rel	120.0	-	-	-	-	-	
101	WA22-02	64th St. Water Main - Aurora to T	325.0	-	-	-	-	-	
118	WA22-03	Monroe Ct. Water Main - 70th to	-	-	-	-	364.0	-	
120	WA22-04	Horton Ave. Water Main - Rolling	-	-	-	-	-	129.4	
122	WA22-05	83rd St. Water Main - Madison to	-	-	-	-	-	575.0	
TOTAL by YEAR			\$ 41,486.4	933.0	9,108.0	4,853.0	5,750.0	3,498.0	17,344.4

Map ID Code:

The Map ID code was implemented with the CIP2012-17+ document and included

The Map ID is a unique number which indicates the following:

- AZ Alpha code (2 characters) to indicate the CIP section (e.g. ST = Street).
- Yr ## Numeric code (2 numbers) to indicate the Year it first appeared in the CIP document (00 = 2000).
- Dash (or hyphen) to separate the Year from the Project number
- ## Numeric code (2 numbers) to indicate the new Project(s) in that section for that CIP document year.

Example:

ST00-03 The street project (ST) first appeared in the 2000 CIP (00-) as the third

Map ID Code and Project Description Sheet:

The Map ID code appears in the top left corner of the cost table on the project

STREET

ST00-03	Total
PURPOSE	(In 000's)
Design	-
Acquisition	-
Construction	-
Storm Wtr Cns	-

2021 CIP Projects Completed or Nearly Completed

BUILDINGS		
Completed	<i>BU12-01</i>	City Facilities & Park Trail Lights - LED Lighting Retrofit
Completed	<i>BU20-01</i>	City Hall HVAC Renovation
Completed	<i>BU19-03</i>	Indoor Pool - Demolition
Completed	<i>BU19-02</i>	Police Station Douglas Entrance
EQUIPMENT		
Completed	<i>EQ17-01</i>	Fire Station 42: Pumper Truck Replacement
PARKS		
Completed	<i>PK21-01</i>	Trail: Cross Creek Park Trail Renovation
Completed	<i>PK20-04</i>	WCRP: Outdoor Community Space Development - 152nd St. & Meredith Dr. Corner
STORM SEWERS		
Completed	<i>SS21-01</i>	Flood Plain Home - 3311 64th St. - Purchase and Removal
STREETS		
Completed	<i>ST14-01</i>	Aurora Avenue Railroad Crossing Replacement near 112th Street
Completed	<i>ST06-07</i>	Waterford Road: 142nd Street to 156th Street
Completed	<i>ST20-04</i>	100th Street Railroad Crossing Replacement
TRAFFIC SIGNALS		
Completed	<i>TR20-01</i>	Traffic Signal Controller Change-out at all Traffic Signals
WATER		
Completed	<i>WA07-01</i>	Douglas Ave. Water Main: 100th to 104th
Completed	<i>WA20-02</i>	Maryland Dr. Water Main: 68th to 72nd
Completed	<i>WA20-03</i>	Maryland Dr. Water Main: 72nd to Oliver Smith
Completed	<i>WA19-01</i>	67th St. Water Main: Airline to Aurora
Completed	<i>WA18-03</i>	67th St. Water Main: Madison to Aurora

* The above total of Completed Projects does not include the following Deferred or Removed projects.

Removed		
Parks	<i>PK09-05</i>	Regional Playground in Facilities Area - 152nd Street and Meredith Drive.





January 13, 2022

To the Honorable Mayor and
Members of the City Council

Re: 2022-27 Recommended Capital
Improvements Program

I am pleased to present the recommended 2022-2027 Capital Improvements Program (CIP) prepared by the CIP Committee for the City Council. The City Council has the final authority to amend the projects and to adopt, and to set the debt service tax levy and other funding limits or rates to support the CIP. The CIP Committee unanimously approved this CIP at its Public Hearing on December 7, 2021. The City Council adopted the CIP program at its Council Meeting on January 11, 2022.

The ten (10) year CIP program prioritizes the City's maintenance and development of public art, buildings, equipment, technology, parks, bridges, sidewalks, storm sewers, streets, street lighting, traffic signals, and water systems. Detailed cost information and funding sources are identified for each project—the first five (5) years identify funding sources per year, and the next five (5) years are Unprogrammed and are shown as a single amount

CIP Preparation – City Council Guidance:

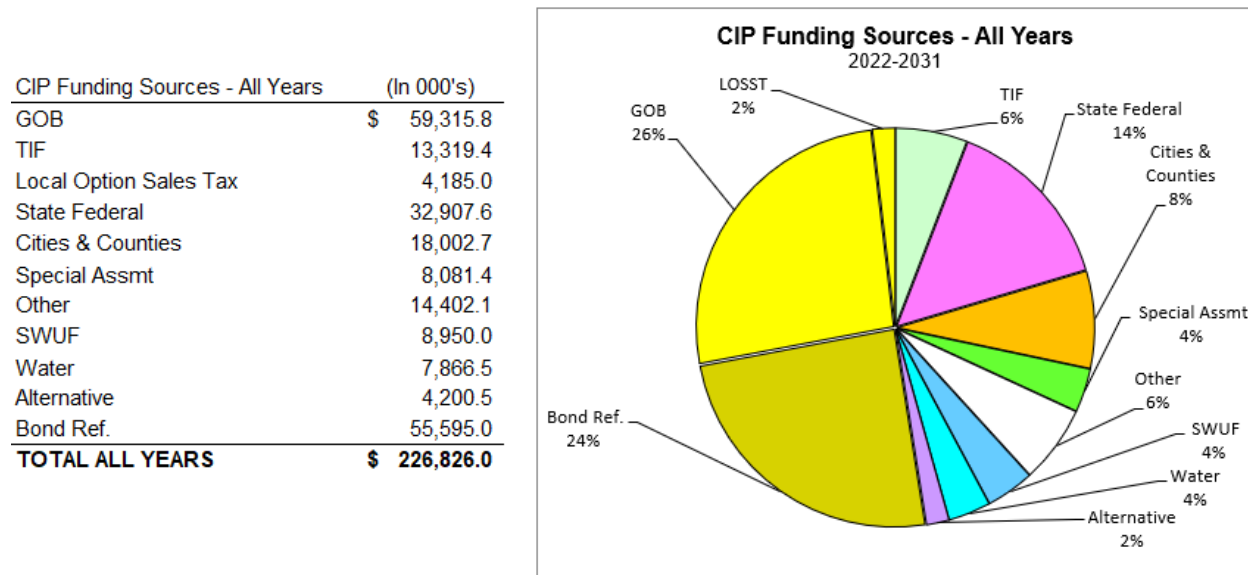
This 2022-27 CIP program is based on a debt service levy of \$1.44/per \$1,000 of valuation, which represents a 10-cent decrease from the current \$1.54 debt service levy in effect for the 2021-22 operating budget. In August 2019 a city-wide bond referendum approved a 1% Local Option Sales and Services Tax (LOSST) for the Polk County portion of Urbandale. The Polk County LOSST became effective on January 1, 2020. The revenue from the LOSST tax is allocated 50% towards City-wide property tax relief and 50% towards City-wide capital improvement projects which may include, but is not limited to public safety facilities, aquatic center, street improvements, park and trail improvements, storm water improvements, related debt retirement, and any other lawful purpose.

Based on the State Code formula for distribution, it is estimated that Urbandale will receive approximately \$6.1M in revenue from Polk County and another \$1.78M from Dallas County LOSST for the FY21/22 budget year. These funds are being used to call and pay off existing bonds in order to provide both property tax relief in the form of debt service levy reduction and the retirement of bonds provides additional capacity for new capital projects to be financed. In June 2020, the first set of bonds were called for \$1.995M, which allowed the Council to establish a 36 cent levy reduction for the FY21 budget. In June 2021, an additional \$6.42M was retired. As the budget process gets underway, FY23 levy amounts will be reviewed and determined. Preliminary plans would include the payoff of an additional \$7.995 M in bonds in June 2022.

The City Council has final authority regarding the GOB debt service levy.

Overview – Funding Sources:

The CIP program requires the investment of a variety of funding sources to accomplish the projects. The total for the first 5 years (2022-2026) is \$150.6M (66.4%). In addition the CIP includes \$76.2M (33.6%) for the “Unprogrammed” projects for the last 5 years (2027-2031). In total, the 2022-2031 CIP ten (10) year program anticipates \$226.8M in funding sources as shown in the following graph:



The various types of funding sources included in the document are:

- **GOB:** means a project is funded with general obligation bonds (GOB) issued annually by the City. GOB is directly paid by the City’s debt service levy. Totals in this category are \$59.3M (26.2%); made up of new GOB debt at \$59.2M (26.1%) and \$80.8K (0.1%) from previously issued GOB.
- **TIF:** means a project is being funded with self-supporting tax increment financing (TIF) general obligation bonds. TIF bonds are also sold annually by the City, but are paid with TIF revenues instead of the debt service levy. The city has 4 TIF districts, but only 2 of these areas have projects currently identified in this document; the DUNA (Downtown Urbandale Neighborhood Association) Urban Renewal Area, and NWMC (Northwest Market Center) Urban Renewal Area. These districts provide project funding for initiatives within these specific boundaries. Totals in this category are \$13.3M (5.9%); made up from new bonds at \$1.8M (0.8%) from the DUNA district, \$9.9M (4.4%) in new bonds from the NWMC district, and \$1.6K (0.7%) from previously issued TIF bonds.
- **Local Option Sales and Services Tax (LOSST):** means a project is being funded with LOSST tax receipts. Totals for this category are 4.2M (1.8%).
- **Intergovernmental:** means funding from any other governmental source (Federal, State, other cities, county). Totals in this category are \$50.9M (22.4%) combined at

\$32.9M (14.5%) from State and Federal revenues, and \$18.0M (7.9%) from other Cities and Counties.

- **Special Assessment:** means projects receive funding from assessments based on a levy to be applied on real estate parcels that would benefit from the project (i.e., sidewalk, street). Totals in this category are \$8.1M (3.6%).
- **Other:** means funding from any other source not previously identified. Totals in this category are \$14.4M (6.3%) from additional funding sources, which include \$75K (0.1%) in General Fund revenues, and \$14.3M (6.2%) in other revenues (Capital Project Fund, Hotel/Motel, Parkland, Private, etc.).
- **Storm Water Utility Fund (SWUF):** means user fees paid by residential, commercial and industrial property owners related to storm water run-off from their property to help fund storm water management projects. Totals in this category are \$9.0M (3.9%).
- **Water:** means water system projects financed by Water Utility fees. Totals in this category are \$7.9M (3.5%).
- **Alternative:** \$4.2M (1.9%) for one (1) project for which the funding sources have not been identified, other than to designate that “alternative funding” needs to be determined as an alternative to increasing the debt tax levy to use GOB funding. The project is: Street - Douglas Avenue Urbanization (in Unprogrammed).
- **Bond Referendum:** means funding from a voter approved Bond Referendum to increase the GOB debt service levy to pay for the project. Totals in this category are \$55.5M (24.5%). For projects in this category, there are several pieces reflected due to extended timelines for referendum projects:
 - **Election:** Urbandale residents must first vote in a bond referendum election to approve or not approve the issuance of new General Obligation Bond (GOB) debt to pay for the Design and Construction costs. At least 60% of those voting would need to approve the bond to proceed to construction, and authorize the cost to be added to the taxing levy for the life of the bonded debt for all taxpayers to pay. The City generally issues 15 year debt. Based on recent City elections in Polk County, the cost for each Bond Referendum election is approximately \$15,000, and appears as \$15.0 in most project cost tables in the top half under Purposes as “Acquisition”, and in the lower half under Funding Sources as “General” (General Fund).
 - **Preliminary Design:** In order for the public to visualize the project to be voted on, an initial design scheme would define the general scope, conceptual design, rough sketches of the project, estimated design costs, estimated construction costs and debt levy, in preparation for the bond referendum election. When a Bond Referendum is not approved, the costs for the Final Design and Construction would not be applicable.
 - **Final Design:** A voter approved bond referendum would result in final design and construction plans.
 - The five (5) Bond Referendum projects outlined in this CIP are shown below:

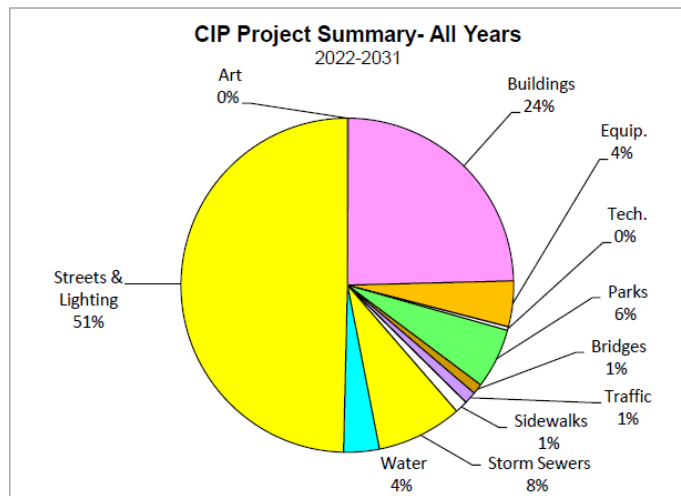
Bond Vote	Const.	Section	Project
BU08-02	2023	Building	Community Recreation Complex
BU22-02	Unprog.	Building	Replacement Fire Station #41
BU17-02	Unprog.	Building	Police Station Covered Fleet Parking
BU17-03	Unprog.	Building	Police Station Expansion
PK06-04	Unprog.	Parks	WCRP: Regional Park Shelter - Enclosed Shelter / Nature Center

Overview – Project Cost Summary:

The CIP document is divided into twelve (12) major sections—the eleven shown below, and the final—Street Lighting is included in Street projects.

The total cost and summary percentage amount for each section is based on the overall ten (10) year CIP program. The CIP project pages provide detailed information. Additionally, some CIP projects are designated as a Hazard Mitigation Project (HzMit). The Federal Disaster Mitigation Act of 2000 made hazard mitigation planning a requirement to receive Federal funds for disaster relief or mitigation activities.

CIP Project Summary - All Years	(In 000's)
Art	\$ 184.30
Buildings	\$ 55,555.10
Equipment	\$ 10,048.80
Technology	\$ 850.00
Parks	\$ 13,200.70
Bridges	\$ 2,270.00
Sidewalks	\$ 2,805.00
Storm Sewers	\$ 18,825.00
Streets & Lighting	\$ 112,577.60
Traffic Signals	\$ 2,643.00
Water	\$ 7,866.50
TOTAL ALL YEARS	\$ 226,826.0



Overview – Cents per Dollar for the CIP Program:

The following table shows the cost distribution of the CIP program based on a \$1.00 bill or 100% of all program costs converted to cents per dollar. The CIP program primarily addresses “hardscape” physical improvements associated with all Public Works and Water related projects.

- The total for the first 5 years of the CIP program is \$150.6M--the cents per \$1.00 dollar would be .38¢ for Art, Buildings, Equipment Technology, and Parks; and .62¢ for all Public Works and Water related projects.
- The total for the entire 10 year CIP program is \$226.8M--the cents per \$1.00 dollar would be .34¢ for Art, Buildings, Equipment Technology, and Parks; and .66¢ for all Public Works and Water related projects.

CENTS per DOLLAR for the CIP PROGRAM

2022 - 2027+ Capital Improvements Program



	First 5 Years			Unprogrammed			Total CIP
	Years 1-5 (In 000's)	2022 %	2026 Cents	Years 6-10 (In 000's)	2027-31 %	2027-31 Cents	Years 1-10 Cents
Art	121.6	0.1%	\$ 0.00	62.7	0.1%	\$ 0.00	\$ 0.00
Buildings	44,715.0	29.7%	\$ 0.30	10,840.1	14.2%	\$ 0.14	\$ 0.24
Equipment	5,243.8	3.5%	\$ 0.03	4,805.0	6.3%	\$ 0.06	\$ 0.04
Technology	850.0	0.6%	\$ 0.01	-	0.0%	\$ -	\$ 0.00
Parks	6,009.0	4.1%	\$ 0.04	7,191.7	9.5%	\$ 0.10	\$ 0.06
Sub-Total	56,939.4	37.8%	\$ 0.38	22,899.5	25.6%	\$ 0.30	\$ 0.34
..... Bridges	1,320.0	0.9%	\$ 0.01	950.0	1.2%	\$ 0.01	\$ 0.01
..... Sidewalks	1,805.0	1.2%	\$ 0.01	1,000.0	1.3%	\$ 0.02	\$ 0.02
..... Storm Sewers	11,625.0	7.7%	\$ 0.08	7,200.0	9.4%	\$ 0.09	\$ 0.08
..... Streets	70,683.4	46.9%	\$ 0.47	41,894.2	54.9%	\$ 0.55	\$ 0.50
..... Street Lighting	-	0.0%	\$ -	-	0.0%	\$ -	\$ -
..... Traffic Signals	1,898.0	1.3%	\$ 0.01	745.0	1.0%	\$ 0.01	\$ 0.02
..... Water	6,304.2	4.3%	\$ 0.04	1,562.3	2.1%	\$ 0.02	\$ 0.03
Sub-Total	93,635.6	62.2%	\$ 0.62	53,351.5	74.4%	\$ 0.70	\$ 0.66
Total First 5 Years	\$ 150,575.0						
Total Unprogrammed	\$ 76,251.0						
TOTAL ALL YEARS	\$ 226,826.0						
		100.0%	\$ 1.00		100.0%	\$ 1.00	\$ 1.00

Program Highlights

Since the CIP project pages provide detailed information, only a brief description is provided below. The total cost and summary percentage amount for each section is based on the overall ten (10) year CIP program.

Public Art

The Art section at \$184.3K is less than 1% of the overall CIP program. This initiative enables the City to acquire art for parks, open spaces, buildings and main arterial streets to enhance the quality of life and to encourage economic development. The art acquisitions are determined by the Public Art Committee.

Buildings

The Building section at \$55.6M is 24.5% of the overall CIP program. This section identifies new construction, renovations, maintenance improvements, and facility enhancements.

- Community Recreation Complex: Preliminary design plans would be prepared (2022) with construction proposed (2023) pending a voter approved bond referendum.
- Parks and Public Works PV Solar Array: Solar is a priority of the City Council per the Strategic Plan. The project would add a solar panel array to the new Parks and Public Works Maintenance Facility (2023).
- Public Works Satellite Salt Storage Building: Design plans would be prepared (2022) with construction of a salt storage facility (2022/2023).

- Police: Improvements to the Police Station include construction of covered fleet and staff parking area (unprogrammed), and a 10,000sf building addition (unprogrammed). Both the covered parking and building addition are pending voter approved bond referendums.

Major Equipment

The Major Equipment section at \$10.1M is 4.4% of the overall CIP program. This section is primarily reserved for the purchase of public safety related equipment. Proposed is the replacement of the 2005 fire ladder truck (2024), acquisition of a trailer-mounted mobile ventilation unit (2023), replacement of the Fire Department self-breathing apparatus equipment (2026), replacement of the 2004 heavy rescue truck which carries the Fire Departments extraction tools, rope, and other rescue equipment (2024), and construction of a fire trench training prop to allow for continuous training for trench rescue (2022), and installation of EV charging stations (2022-2027+).

Technology

The Technology section at \$850.0K is less than 1% of the overall CIP program. This section recognizes the need to replace and upgrade the City's technology infrastructure on an ongoing basis, and to introduce technology that improves City operations. Proposed is a Looped Fiber Connection to prevent voice and data outages (2022, 2023, 2024).

Parks

The Parks section at \$13.2M is 5.8% of the overall CIP program. This section recognizes the need to provide general maintenance at various locations for playgrounds and trails, the development of specific trails and parks, and to extend amenities to new and developing areas.

- Barret Park Natural Playground: Proposed is the installation of a steel truss bridge over the creek and a concrete trail to connect the existing trails on the east and west side of the park (2024).
- Dog Park and Parking Lot: Proposed is the design construction of a dog park located at the North Plant site (2022).
- South Karen Acres Flushable Restrooms – Proposed is the construction of new flushable restroom facilities (2024)
- Jackaline Baldwin Dunlap Park & Arboretum: Proposed is Phase 4 of the Dunlap Master Plan, which includes the development of a “Memorial Perennial Garden” (2024).
- Lions Park Sprayground: Proposed is the construction of a ADA accessible sprayground (2023)
- Northpark Corridor Park: Proposed is the development of a five acre park near the Northpark corridor. The park area would be open to the public and focus on servicing the daily employee population in that area (2023).
- Walker Johnston Skateboard Park Improvements: Proposed is the redesign and improvement of the skateboard park originally constructed in 2004 (2023).
- Walnut Creek Regional Park (WCRP): At approximately 200 acres, this park is bounded by Meredith Drive, Douglas Parkway, 142nd Street and 156th Street. The

City Council adopted the WCRP master plan in 2006 to develop this park over 40 years. Many improvements have been completed to date. Future improvements include the construction of an additional park shelter and development of outdoor community space (2025), continued expansion of the interior trail access (2022), continuation of the park roadway system (2023), and an enclosed regional shelter (Unprogrammed) pending a voter approved bond referendum. The development of WCRP at \$4.9M is 37% of the Parks overall CIP program.

Bridges

The Bridges section at \$2.3M is 1% of the overall CIP program. A new bridge is proposed over Walnut Creek - Waterford Road Bridge (Unprogrammed), and at the Urban Hills development (2025).

Sidewalks

The Sidewalks section at \$2.8M is 1.2% of the overall CIP program. Priority will be given to sidewalks required along the City's arterial and collector streets, and sidewalks west of 100th Street. Beginning in 2018, is a 15-year program at \$100K annually to create additional ADA compliant pedestrian accessible travel paths in the public right-of-way for persons with disabilities.

- Hickman Railroad Viaduct Trail Construction: Proposed is installation of a ten-foot-wide trail on the north side of Hickman Road near the new Parks and Public Works Facility (2022).

Storm Sewers

The Storm Sewers section at \$18.8M is 8.3% of the overall CIP program. This program repairs and improves the storm sewer and drainage system at specific locations. New projects proposed in 2022 include Merle Hay Reinvestment District Stormwater Improvements (2023), Oliver Smith Dr. Storm Sewer Improvements (Unprogrammed), Roseland Drive Storm Sewer Improvements (2025), and 66th Street Sewer Improvements (Unprogrammed). The primary funding source is the Storm Water Utility Fund (SWUF), which is solely supported by user fees not property taxes.

Streets

The Streets section at \$112.6M is 49.6% of the overall CIP program, and is the majority of the CIP. This section recognizes general maintenance, redevelopment and new construction to improve intersections and streets. Improvements East of I-35/80 includes capacity of existing streets, streetscape improvements, and reconstruction. Improvements West of I-35/80 includes infrastructure improvements, widening streets, and continued development of the arterial street network. Community entrance signage is also proposed at key locations.

- Aurora Avenue, 104th Street/ Sutton Drive/ 100th Street Widening Project: Proposed is the widening of these roadways from NW Urbandale Drive to Plum Drive, to a three lane roadway. The street would be widened by 6 feet and allow for one lane in each direction and a continuous left turn lane (2022). This project will be paid for with TIF-NWMC funds.
- Douglas Avenue Urbanization: Douglas Avenue/Parkway is the City's "east-west spine" the traditional "main" street and a "gateway" into Urbandale off of I-35/80.

Douglas Avenue would be urbanized (2022) from 86th Street to 100th Street. Sidewalks will also be included on the south side of Douglas Avenue, and a 10 foot trail on the north side from Elm Drive to 86th Street (2024). The future (Unprogrammed) includes additional improvements.

- Hickman Road/ U.S. Highway 6: Proposed are intersection improvements adding turn lanes and a 10 foot trail on the North side of Hickman Road, located at the intersection of Hickman Road/U.S. Highway 6 at 128th Street (2022).
- Waterford Road Extension West of 170th Street: Proposed is a ¼ mile extension of Waterford Road, extending as a 5 lane arterial roadway (Unprogrammed).
- 82nd Street Reconstruction: Proposed is the reconstruction of 82nd Street from Douglas Avenue to approximately 400 ft. north of Douglas Avenue to adjust the grade of the street and install storm sewer intakes (2024).
- 128th Street Preservation Project: Proposed is the patching and overlay of 128th Street from Douglas Parkway to Aurora Avenue (2022).
- 170th St. (Alice's Rd.): Meredith Dr. to Waterford Rd: Proposed is the construction of 170th Street (Alice's Road) from Meredith Dr. to Waterford Rd. as a five lane roadway. Improvements would include grading, storm sewers, and street lighting. The project would include separated bicycle lanes per the adopted December 2019 Urbandale Complete Streets Master Plan (2022).

Street Lighting

Street lights are installed along an arterial or collector street when a street is constructed, and the cost for the lighting is included in the construction cost. This section is reserved for stand-alone street lighting projects which are not part of a street construction project. There are currently no stand-alone projects in the CIP program.

Traffic Signals

The Traffic Signals section at \$2.6M is 1.2% of the overall CIP program. This program installs traffic signals at key intersections to address traffic safety, capacity issues, and in response to development. Battery backup for traffic signalization is proposed for 7 intersections to operate the signals during a power outage (2022), and installation of a traffic signal at the intersection of 170th Street and Meredith Drive (2022).

Water

The Water section at \$7.9M is 3.5% of the overall CIP program. The Urbandale Water Board of Trustees approved its projects to improve capacity, reduce repairs, and accommodate development. Four (5) new Water projects are proposed in this CIP (2022, 2026, and 2027+). Additionally, the Water Utility and the Department of Engineering and Public Works coordinate project timing to minimize disruptions and costs. The 2017 State legislative session attempted to create a regional water authority that would result in the closure of the Des Moines Water Works (DMWW) governed by a Board of Trustees; in lieu of that action, the Urbandale Water Utility and other metro water service providers including the DMWW meet on a regular basis to discuss options towards working together for regional purposes.

Conclusion

The CIP profiles a total of 113 projects, which includes 25 new projects. Collectively these projects reflect a long-term vision for the City while maintaining existing infrastructure. While there is always a desire to do more projects on an accelerated timeline, the CIP has limited funding and more projects than can be funded from available resources. The City has an incredible potential to continue its growth and development, and this recommended CIP addresses a broad spectrum of improvements throughout the community.

I would like to thank the nine (9) Urbandale residents on the CIP Committee who will give of their time and efforts to prepare their recommended 2022-2027+ CIP for the City Council to consider for approval. The 2022 CIP Committee members are: Bridget Carberry Montgomery, CIP Chair - City Council; Adam Obrecht, CIP Co-Chair - City Council; Julie Roethler – Planning and Zoning Commission; Pete Hutchison – Parks and Recreation Commission; John Hollebrands – At Large; Pat Boddy – At Large; Rob Hilbert – At Large; Steve Lytle – At Large; and Susan Bonnicksen – At Large.

The preparation of the CIP would not have been possible without the cooperation of the City's management team. I would like to thank all Department Directors for their input and assistance during the preparation process. I would especially like to thank Addison Riebkes, Accountant II, for his coordination of the review and preparation process. Additionally, I would like to thank Nicci Lamb, Finance Director, for her guidance in response to the changing economic circumstances that affect the CIP process. I would also like to thank John Larson, Director of Engineering and Public Works, and Jan Herke, Director of Parks and Recreation, for their thoughtful give and take to schedule projects in an effort to meet the financial parameters for the CIP program years.

The City's sound financial condition has provided Urbandale taxpayers with a predictable and stable property tax rate. The City Council annually reviews the City's Fiscal Performance Goals during the CIP process and the subsequent development of the City's annual operating budget. After the final CIP recommendations are prepared, the Finance Department updates the City Council's six financial performance goals related to debt issuance. The proceeds from the annual debt issued bond sale are used to construct CIP projects scheduled for the year. The City Council sets the debt service levy, and the annual operating budget anticipates the bond sale and includes the debt service levy in the City's tax levy for the fiscal year.

The city is indebted to the residents who volunteer to serve on the CIP Committee and who provide valuable insights, and to residents who comment on the CIP at the public hearing. The CIP is an important endeavor to improve the community for current and future residents and businesses in Urbandale.

A handwritten signature in black ink, appearing to read "A.J. Johnson". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

A.J. Johnson
City Manager



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4	Art	<i>BU14-01</i> City Administrative Office Expansion
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6	Vote	<i>BU22-02</i> Fire Station #41 Replacement
7		<i>BU20-02</i> North Plant (Sewage Building) Demolition
8		<i>BU21-01</i> Parks and Public Works PV Solar Array - 94th St./95th St. and Hickman Rd.
9	Vote HzMit	<i>BU17-02</i> Police Station Covered Fleet Parking
10	Vote HzMit	<i>BU17-03</i> Police Station Expansion
11		<i>BU21-02</i> Public Works Satellite Salt Storage Building - 170th St. and Waterford Rd.
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24		<i>PK06-08</i> Trail: Oakwood Park Trail (Sutton Dr.)
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26	Art	<i>PK02-01</i> Trail: Raccoon River Valley Regional Trail Connection
27	Art	<i>PK15-02</i> Trail: Waterford Rd. to Dallas County Unincorporated
28		<i>PK20-01</i> Barrett Boesen Park and Natural Playscape
29		<i>PK20-03</i> Dog Park w/ Parking Lot
30		<i>PK21-03</i> Flushable Restrooms in Parks
31		<i>PK19-02</i> Jackaline Baldwin Dunlap Park & Arboretum
32		<i>PK22-01</i> Lions Park Sprayground
33		<i>PK22-02</i> Northpark Corridor Park
34		<i>PK19-03</i> Utility Installation - Various Parks
35		<i>PK21-04</i> Walker Johnston Park - Skateboard Park Improvements
36		<i>PK21-05</i> Walker Johnston Park - Fence Replacement & Field Light Conversion
37		<i>PK22-03</i> Water Trails Projects
38		<i>PK22-04</i> Waterford Park - Disk Golf Expansion
39	Art	<i>PK06-02</i> WCRP: Park Roadway System - Douglas Pkwy. to the North
40	Art	<i>PK06-03</i> WCRP: Park Shelters - Open-Air Shelters
41	Vote	<i>PK06-04</i> WCRP: Regional Park Shelter - Enclosed Shelter / Nature Center - 152nd St. & Meredith Dr.
42	Art	<i>PK09-04</i> WCRP: Trail System - Interior Access
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51		<i>SS14-01</i>	Intake Rebuilding Program
52		<i>SS22-02</i>	Oliver Smith Dr. Storm Sewer Improvements 72nd to 74th
53	HzMit	<i>SS21-02</i>	Removal of Culverts on Old 100th St. Right-of-Way Near Oakwood Drive
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58		<i>ST22-01</i>	Aurora Ave. Preservation 86th to Tanglewood
59		<i>ST15-04</i>	Aurora Ave., 104th St. / Sutton Dr. / 100th St. Widening Project – NW Urbandale Dr. to Plum 1
60		<i>ST21-01</i>	Aurora Ave.: 86th St. to 70th St. - Bike Lanes
61		<i>ST06-02</i>	Aurora Ave.: 128th St. to 142nd St.
62		<i>ST16-01</i>	Community Entrance Signage
63		<i>ST21-02</i>	Douglas Ave. Redevelopment
64		<i>ST00-01</i>	Douglas Ave. Urbanization
65		<i>ST20-01</i>	Douglas Ave. Railroad Crossing Replacement
66	Art	<i>ST18-01</i>	Hickman Rd./U.S. Highway 6 at 128th St.
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69		<i>ST22-04</i>	Meredith Dr. Preservation 104th to 121st
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78		<i>ST00-03</i>	111th St. Paving
79		<i>ST22-06</i>	121st St. Preservation Douglas to Meredith
80	Art	<i>ST20-05</i>	128th St. Preservation Project Douglas to Aurora
81	Art	<i>ST06-12</i>	142nd St.: Douglas Parkway to Meredith Drive
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84	Art	<i>ST06-16</i>	156th St.: Waterford Rd. to Meadow Dr.
85	Art	<i>ST16-03</i>	170th St. (Alice's Rd.): Meredith Dr. to Waterford Rd.
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STREET LIGHTING			
87			<i>Street Lighting is part of street construction, except when a stand-alone lighting project.</i>
TRAFFIC SIGNALS			
89	HzMit	<i>TR17-01</i>	Battery Backup for Signalization
90		<i>TR06-05</i>	Hickman Rd.: Entrance to Deerfield Dev.
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101	WA22-02	64th St. Water Main: Aurora to Townsend
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103	WA21-01	67th St. Water Main: Urbandale Dr. to Murphy Park
104	WA21-02	170th St. Water Main: Plum Dr. to Waterford Drive
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107	WA09-03	70th St. Water Main: Douglas to Aurora
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109	WA08-01	Monroe Ct. Water Main: 70th to 72nd
110	WA18-01	Monroe Ct. Water Main: 72nd to Roseland Drive
111	WA20-04	Oliver Smith Dr. Water Main: 72nd to 74th
112	WA20-10	Hillsdale Dr. Water Main: Patricia to Dewey Gibbs
113	WA20-11	Palm Dr. Water Main: 70th to 71st
114	WA16-02	Roseland Dr. Water Main: 70th to 72nd
115	WA21-03	Roseland Dr. Water Main: 72nd to 74th
116	WA20-12	71st St. Water Main: Roseland to Palm
117	WA21-04	Meredith Dr. Water Main: Merle Hay to 66th
118	WA22-03	Monroe Ct. Water Main: 70th to 72nd
119	WA20-05	Beverly Dr. Water Main: Willard Ct. to New York
120	WA22-04	Horton Ave. Water Main: Rolling Green To 83rd
121	WA20-06	Willard Cir. Water Main: Hillsdale to Beverly
122	WA22-05	83rd St. Water Main: Madison to Aurora

ADDENDUM - CIP 2022-2027+

Minutes	Nov 15, 2021	1 - 4	1st CIP Committee Meeting
Minutes	Dec 7, 2021	1 - 4	CIP Committee - Public Hearing Meeting

Map ID Code:

The Map ID code was implemented with the CIP2012-17+ document and included projects from the 1997-2002 CIP document (represented as "00" in the year code). While many of the project titles have not changed, the initial Map ID attempted to reconcile the titles that had changed, and projects that changed in scope, combined with other projects, or were completed in phases. The purpose of the Map ID was to assign a perpetual code for Engineering to map the project locations for the CIP presentations. There are no maps in the CIP document.

The Map ID is a unique number which indicates the following:

- AZ Alpha code (2 characters) to indicate the CIP section (e.g. ST = Street).
- Yr ## Numeric code (2 numbers) to indicate the Year it first appeared in the CIP document (00 = 2000).
- Dash (or hyphen) to separate the Year from the Project number
- ## Numeric code (2 numbers) to indicate the new Project(s) in that section for that specific CIP document year.

Example:

ST00-03 The street project (ST) first appeared in the 2000 CIP (00-) as the third (03) new street project for that CIP document year.

Map ID Code and Project Description Sheet:

The Map ID code appears in the top left corner of the cost table on the project description sheet in the CIP, and stays tied to the project until it is removed from the CIP document.

STREET

ST00-03	Total
PURPOSE (In 000's)	
Design	-
Acquisition	-
Construction	-
Storm Wtr C	-

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Page	MAP ID	(In 000's)	Calendar Year					Unprogrammed
			2022	2023	2024	2025	2026	
ART-PUBLIC ART								
1	AR09-01	Urbandale Public Arts Initiative	16.0	28.0	7.2	40.4	30.0	62.7
Sub-Total	0%	\$ 184.3	16.0	28.0	7.2	40.4	30.0	62.7
BUILDINGS								
3	BU08-02	Community Recreation Complex	215.0	43,000.0	-	-	-	-
4	BU14-01	City Administrative Office Expar	-	-	-	-	-	577.5
5	BU22-01	FAST Training Building Upgrad	60.0	-	-	-	-	-
6	BU22-02	Fire Station #41 Replacement	-	-	100.0	-	-	6,435.0
7	BU20-02	North Plant (Sewage Building De	100.0	-	-	-	-	-
8	BU21-01	Parks and Public Works PV Sola	30.0	450.0	-	-	-	-
9	BU17-02	Police Station Covered Fleet Park	-	-	-	-	-	1,197.5
10	BU17-03	HzMit Police Station Expansion	-	-	-	-	-	2,630.1
11	BU21-02	Public Works Satellite Salt Stora	380.0	380.0	-	-	-	-
Sub-Total	24%	\$ 55,555.1	785.0	43,830.0	100.0	-	-	10,840.1
EQUIPMENT								
13	EQ22-01	EV Charging Stations	3.0	3.0	1,413.0	650.0	569.0	4,555.0
15	EQ22-02	Fire Ladder Truck Replacement	-	-	1,200.0	-	-	-
16	EQ22-03	Fire Mobile Ventilation Unit	-	185.0	-	-	-	-
17	EQ22-04	Fire SCBA Replacement	-	-	-	-	465.0	-
18	EQ19-01	HzMit Fire Rescue Truck Replacem	-	-	675.0	-	-	-
19	EQ19-02	HzMit Fire Tender	-	-	-	-	-	250.0
20	EQ21-01	HzMit Fire Trench Training Prop	80.8	-	-	-	-	-
Sub-Total	4%	\$ 10,048.8	83.8	188.0	3,288.0	650.0	1,034.0	4,805.0
TECHNOLOGY								
21	TE19-01	HzMit Looped Fiber for Phone and Data	400.0	150.0	300.0	-	-	-
Sub-Total	0%	\$ 850.0	400.0	150.0	300.0	-	-	-
PARKS								
23	PK17-01	Trail: Coyote Ridge	210.0	-	-	-	-	-
24	PK06-08	Trail: Oakwood Park Trail (Sutto	-	-	-	-	-	240.0
25	PK21-02	Trail: Parkview Creek Trail Reco	-	280.0	200.0	-	-	-
26	PK02-01	Trail: Raccoon River Valley Regi	-	-	-	-	-	268.0
27	PK15-02	Trail: Waterford Road to Dallas C	-	-	432.0	-	-	-
28	PK20-01	Barrett Boesen Park and Natural	-	-	195.0	-	-	540.0
29	PK20-03	Dog Park w/ Parking Lot	600.0	-	-	-	-	-
30	PK21-03	Flushable Restrooms in Parks	-	-	350.0	-	-	365.0
31	PK19-02	Jackaline Baldwin Dunlap Park a	-	-	221.0	-	-	1,145.0
32	PK22-01	Lions Park Sprayground	-	700.0	-	-	-	-
33	PK22-02	Northpark Corridor Park	-	170.0	-	-	-	-
34	PK19-03	Utility Installation to Various Par	85.0	90.0	75.0	75.0	75.0	375.0
35	PK21-04	Walker Johnston Park - Skateboa	50.0	200.0	-	-	-	-
36	PK21-05	Walker Johnston Park - Fence Re	-	-	-	-	-	690.0
37	PK22-03	Water Trails Projects	50.0	375.0	-	-	-	200.0
38	PK22-04	Waterford Park - Disk Golf Expa	-	-	15.0	-	-	-
39	PK06-02	WCRP: Park Roadway System - I	-	1,076.0	-	-	-	-
40	PK06-03	WCRP: Park Shelters - Open-Air	-	-	-	235.0	-	-
41	PK06-04	WCRP: Regional Park Shelter - E	-	-	-	-	-	3,105.7
42	PK09-04	WCRP: Trail System - Interior A	250.0	-	-	-	-	263.0
Sub-Total	6%	\$ 13,200.7	1,245.0	2,891.0	1,488.0	310.0	75.0	7,191.7
BRIDGES								
43	BR15-01	HzMit Urban Hills Bridge Over Walnut	-	-	-	1,320.0	-	-
44	BR21-01	HzMit Waterford Road Bridge - Over W	-	-	-	-	-	950.0
Sub-Total	1%	\$ 2,270.0	-	-	-	1,320.0	-	950.0

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			2022	2023	2024	2025	2026	
SIDEWALKS								
45	SI18-01	ADA Pedestrian Access Route Tr	100.0	100.0	100.0	100.0	100.0	500.0
46	SI20-01	Hickman Railroad Viaduct Trail	805.0	-	-	-	-	-
47	SI00-01	Various Locations	100.0	100.0	100.0	100.0	100.0	500.0
Sub-Total	1%	\$ 2,805.0	1,005.0	200.0	200.0	200.0	200.0	1,000.0
STORM SEWERS								
49	SS02-01	HzMit Creek and Stream Drainage Impr	350.0	350.0	350.0	350.0	350.0	1,750.0
50	SS22-01	Merle Hay Reinvestment District	375.0	5,425.0	-	-	-	-
51	SS14-01	Intake Rebuilding Program	250.0	250.0	250.0	250.0	-	-
52	SS22-02	Oliver Smith Dr. Storm Sewer In	-	-	-	-	-	2,875.0
53	SS21-02	Removal of Culverts on Old 100t	200.0	-	-	-	-	-
54	SS22-03	Roseland Dr. Storm Sewer Impro	-	-	325.0	2,150.0	-	-
55	SS22-04	66th St. Storm Sewer Improve	-	-	-	-	400.0	2,575.0
Sub-Total	8%	\$ 18,825.0	1,175.0	6,025.0	925.0	2,750.0	750.0	7,200.0
STREETS								
57	ST08-01	Annual Street Rehabilitation Prog	2,251.0	1,918.5	2,388.1	2,459.8	2,533.5	13,854.3
58	ST22-01	Aurora Ave. Preservation 86th to	-	2,250.0	-	-	-	-
59	ST15-04	Aurora Ave.: 104th St. / Sutton E	2,700.0	1,200.0	-	-	-	-
60	ST21-01	Aurora Ave.: 86th St. to 70th St.	-	797.5	-	-	-	-
61	ST06-02	Aurora Ave.: 128th St. to 142nd S	-	-	-	-	-	5,254.0
62	ST16-01	Community Entrance Signage	300.0	300.0	450.0	300.0	300.0	750.0
63	ST21-02	Douglas Ave. Redevelopment	-	-	-	-	-	-
64	ST00-01	Douglas Ave. Urbanization	709.8	-	1,760.0	-	-	4,200.5
65	ST20-01	Douglas Ave. Railroad Crossing I	-	-	-	-	100.0	-
66	ST18-01	Hickman Rd./U.S. Highway 6 at	5,537.4	1,500.0	-	-	-	-
67	ST22-02	Justin Dr. Preservation 100th to 1	-	-	-	1,100.0	-	-
68	ST22-03	Meredith Dr. Preservation 86th to	-	-	-	1,850.0	-	-
69	ST22-04	Meredith Dr. Preservation 104th to	-	-	1,200.0	-	-	-
70	ST06-05	Meredith Dr. 170th St. to 184th S	-	-	-	-	7,279.2	-
71	ST22-05	N.W. Urbandale Dr. Preservation	-	-	-	-	1,700.0	-
72	ST09-03	N.W. 54th Ave. From 1/2 Mile E	-	-	-	1,043.6	-	-
73	ST21-03	Urbandale Ave. 70th St. to 68th S	-	-	87.5	-	-	-
74	ST20-02	Waterford Rd. Extension West of	-	-	-	-	-	2,122.0
75	ST21-04	70th St.: Meredith Dr. to Urbanda	-	-	165.0	-	-	-
76	ST21-05	70th St.: Urbandale Ave. to Hick	-	-	-	115.0	-	-
77	ST20-03	82nd St. Reconstruction	-	-	250.0	-	-	-
78	ST00-03	111th St. Paving	-	-	-	-	-	1,005.0
79	ST22-06	121st St. Preservation Douglas to	-	-	600.0	-	-	-
80	ST20-05	128th St. Preservation Project Do	1,100.0	-	-	-	-	-
81	ST06-12	142nd St.: Douglas Pkwy. to Mer	-	-	-	-	-	7,279.2
82	ST06-13	142nd St.: Meredith Dr. to Water	-	-	-	7,278.6	-	-
83	ST14-03	142nd St.: Waterford Rd. to Nort	-	710.0	-	-	-	3,689.6
84	ST06-16	156th St.: Waterford Rd. to Mead	-	-	-	-	7,229.2	-
85	ST16-03	170th St. (Alice's Rd.): Meredith	9,219.7	-	-	-	-	-
86	ST16-04	170th St. (Alice's Rd.): Waterfor	-	-	-	-	-	3,739.6
Sub-Total	50%	\$ 112,577.6	21,817.9	8,676.0	6,900.6	14,147.0	19,141.9	41,894.2
STREET LIGHTING								
87	<i>Street Lighting is part of street construction, except when a stand-alone lighting project.</i>						
Sub-Total	0%	\$ -	-	-	-	-	-	-
TRAFFIC SIGNALS								
89	TR17-01	HzMit Battery Backup for Signalization	60.0	-	-	-	-	-
90	TR06-05	Hickman Road: Entrance to Deer	-	738.0	-	-	-	-
91	TR06-02	Hickman Road and 133rd Street	-	-	-	-	-	275.0
92	TR07-01	128th St. and Plum Dr.	-	-	-	235.0	-	-
93	TR07-03	156th St. and Meredith Dr.	-	235.0	-	-	-	-
94	TR19-01	156th St. and Waterford Rd.	-	335.0	-	-	-	-

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Page	MAP ID	(In 000's)	Calendar Year					Unprogrammed
			2022	2023	2024	2025	2026	
TRAFFIC SIGNALS CONT.								
95	TR19-02	170th St. and Meredith Dr.	295.0	-	-	-	-	-
96	TR20-02	170th St. and Plum Dr.	-	-	-	-	-	235.0
97	TR19-03	170th St. and Waterford Rd.	-	-	-	-	-	235.0
Sub-Total	1%	\$ 2,643.0	355.0	1,308.0	-	235.0	-	745.0

SUB-TOTAL by YEAR (without WATER)	26,882.7	63,296.0	13,208.8	19,652.4	21,230.9	74,688.7
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WATER

99	WA19-03	Valve Replacement Projects	75.0	75.0	75.0	75.0	75.0	375.0
100	WA22-01	16" Meredith Dr. Water Main Re	120.0	-	-	-	-	-
101	WA22-02	64th St. Water Main - Aurora to	325.0	-	-	-	-	-
102	WA20-07	66th St. Water Main: Aurora to T	325.0	-	-	-	-	-
103	WA21-01	67th St. Water Main: Urbandale l	202.0	-	-	-	-	-
104	WA21-02	170th St. Water Main: Plum Dr. t	395.0	-	-	-	-	-
105	WA19-06	Airline Dr. Water Main: 67th to	-	339.0	-	-	-	-
106	WA20-08	Madison Ave. Water Main: 81st t	-	38.6	-	-	-	-
107	WA09-03	70th St. Water Main: Douglas to	-	540.8	-	-	-	-
108	WA20-09	81st St. Water Main: Douglas to l	-	159.7	-	-	-	-
109	WA08-01	Monroe Ct. Water Main: 70th to	-	344.5	-	-	-	-
110	WA18-01	Monroe Ct. Water Main: 72nd to	-	-	424.0	-	-	-
111	WA20-04	Oliver Smith Dr. Water Main: 72	-	-	291.5	-	-	-
112	WA20-10	Hillsdale Dr. Water Main: Patrici	-	-	-	400.6	-	-
113	WA20-11	Palm Dr. Water Main: 70th to 71	-	-	-	218.0	-	-
114	WA16-02	Roseland Dr. Water Main: 70th t	-	-	-	340.6	-	-
115	WA21-03	Roseland Dr. Water Main: 72nd t	-	-	-	245.3	-	-
116	WA20-12	71st St. Water Main: Roseland to	-	-	-	147.2	-	-
117	WA21-04	Meredith Dr. Water Main: Merle	-	-	-	-	708.4	-
118	WA22-03	Monroe Ct. Water Main - 70th to	-	-	-	-	364.0	-
119	WA20-05	Beverly Dr. Water Main: Willard	-	-	-	-	-	150.9
120	WA22-04	Horton Ave. Water Main - Rollin	-	-	-	-	-	129.4
121	WA20-06	Willard Cir. Water Main: Hillsda	-	-	-	-	-	332.0
122	WA22-05	83rd St. Water Main - Madison t	-	-	-	-	-	575.0
Sub-Total	3%	\$ 7,866.5	1,442.0	1,497.6	790.5	1,426.7	1,147.4	1,562.3

TOTAL by YEAR	28,324.7	64,793.6	13,999.3	21,079.1	22,378.3	76,251.0
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TOTAL ALL YEARS	100%	\$ 226,826.0
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PROJECT SUMMARY

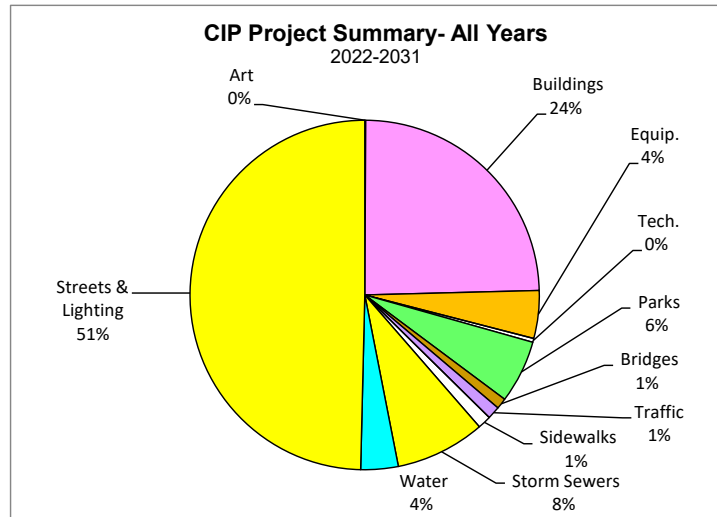
2022 - 2027+ Capital Improvements Program

Calendar Year

Unprogrammed

Page **MAP ID** (In 000's) **2022** **2023** **2024** **2025** **2026** **2027-31**

CIP Project Summary - All Years		(In 000's)
Art	\$	184.30
Buildings	\$	55,555.10
Equipment	\$	10,048.80
Technology	\$	850.00
Parks	\$	13,200.70
Bridges	\$	2,270.00
Sidewalks	\$	2,805.00
Storm Sewers	\$	18,825.00
Streets & Lighting	\$	112,577.60
Traffic Signals	\$	2,643.00
Water	\$	7,866.50
TOTAL ALL YEARS	\$	226,826.0



CENTS per DOLLAR for the CIP PROGRAM

2022 - 2027+ Capital Improvements Program



	First 5 Years			Unprogrammed			Total CIP
	Years 1-5 (In 000's)	2022 %	2026 Cents	Years 6-10 (In 000's)	2027-31 %	2027-31 Cents	Years 1-10 Cents
Art	121.6	0.1%	\$ 0.00	62.7	0.1%	\$ 0.00	\$ 0.00
Buildings	44,715.0	29.7%	\$ 0.30	10,840.1	14.2%	\$ 0.14	\$ 0.24
Equipment	5,243.8	3.5%	\$ 0.03	4,805.0	6.3%	\$ 0.06	\$ 0.04
Technology	850.0	0.6%	\$ 0.01	-	0.0%	\$ -	\$ 0.00
Parks	6,009.0	4.1%	\$ 0.04	7,191.7	9.5%	\$ 0.10	\$ 0.06
Sub-Total	56,939.4	37.8%	\$ 0.38	22,899.5	25.6%	\$ 0.30	\$ 0.34
..... Bridges	1,320.0	0.9%	\$ 0.01	950.0	1.2%	\$ 0.01	\$ 0.01
..... Sidewalks	1,805.0	1.2%	\$ 0.01	1,000.0	1.3%	\$ 0.02	\$ 0.02
..... Storm Sewers	11,625.0	7.7%	\$ 0.08	7,200.0	9.4%	\$ 0.09	\$ 0.08
..... Streets	70,683.4	46.9%	\$ 0.47	41,894.2	54.9%	\$ 0.55	\$ 0.50
..... Street Lighting	-	0.0%	\$ -	-	0.0%	\$ -	\$ -
..... Traffic Signals	1,898.0	1.3%	\$ 0.01	745.0	1.0%	\$ 0.01	\$ 0.02
..... Water	6,304.2	4.3%	\$ 0.04	1,562.3	2.1%	\$ 0.02	\$ 0.03
Sub-Total	93,635.6	62.2%	\$ 0.62	53,351.5	74.4%	\$ 0.70	\$ 0.66
Total First 5 Years	\$ 150,575.0		\$ 1.00				
Total Unprogrammed	\$ 76,251.0				100.0%	\$ 1.00	
TOTAL ALL YEARS	\$ 226,826.0						\$ 1.00

FUNDING SOURCES - SUMMARY

2022 - 2027+ Capital Improvements Program

City of Urbandale, Iowa

(In 000's)	Calendar Year					Unprogrammed
	2022	2023	2024	2025	2026	2027-31
ART-PUBLIC ART						
GOB	16.0	28.0	7.2	40.4	30.0	62.7
Sub-Total \$	<i>184.3</i>	16.0	28.0	7.2	40.4	30.0
BUILDINGS						
GOB	60.0	-	100.0	-	-	1,075.1
Bond Referendum	-	43,000.0	-	-	-	9,720.0
Capital Project Funds	300.0	-	-	-	-	-
General	15.0	-	-	-	-	45.0
Local Option Sales Tax	380.0	380.0	-	-	-	-
TIF - NWMC	30.0	450.0	-	-	-	-
Sub-Total \$	<i>55,555.1</i>	785.0	43,830.0	100.0	-	10,840.1
<Less> TIF Prior Issued Debt to Dedt	-	-	-	-	-	-
Sub-Total \$	<i>55,555.1</i>	785.0	43,830.0	100.0	-	10,840.1
EQUIPMENT						
GOB	-	185.0	1,875.0	-	465.0	250.0
Private	2.0	2.0	8.5	6.5	9.5	21.0
<GOB Prior Issued Debt to Deduct>	80.8	-	-	-	-	-
Capital Project Fund	1.0	1.0	1,404.5	643.5	559.5	4,534.0
Sub-Total \$	<i>10,048.8</i>	83.8	188.0	3,288.0	650.0	1,034.0
<Less> GOB Prior Issued Debt to De	(80.8)	-	-	-	-	-
Sub-Total \$	<i>9,968.0</i>	3.0	188.0	3,288.0	650.0	1,034.0
TECHNOLOGY						
GOB	350.0	150.0	300.0	-	-	-
Capital Project Fund	50.0	-	-	-	-	-
Sub-Total \$	<i>850.0</i>	400.0	150.0	300.0	-	-
PARKS						
GOB	560.0	2,631.0	1,107.5	235.0	-	2,814.2
<GOB Prior Issued Debt to Deduct>	-	-	-	-	-	-
Capital Project Fund	685.0	101.5	170.0	75.0	75.0	915.0
Bond Referendum	-	-	-	-	-	2,875.0
General	-	-	-	-	-	15.0
Private	-	158.5	210.5	-	-	572.5
Sub-Total \$	<i>13,200.7</i>	1,245.0	2,891.0	1,488.0	310.0	75.0
<Less> GOB Prior Issued Debt to De	-	-	-	-	-	-
Sub-Total \$	<i>13,200.7</i>	1,245.0	2,891.0	1,488.0	310.0	75.0
BRIDGES						
GOB	-	-	-	825.0	-	950.0
Private	-	-	-	495.0	-	-
Sub-Total \$	<i>2,270.0</i>	-	-	1,320.0	-	950.0
SIDEWALKS						
GOB	200.0	100.0	100.0	100.0	100.0	500.0
<TIF Prior Issued Debt to Deduct>	805.0	-	-	-	-	-
Special Assessment	-	100.0	100.0	100.0	100.0	500.0
Sub-Total \$	<i>2,805.0</i>	1,005.0	200.0	200.0	200.0	1,000.0
<Less> TIF Prior Issued Debt to Dedt	(805.0)	-	-	-	-	-
Sub-Total \$	<i>2,000.0</i>	200.0	200.0	200.0	200.0	1,000.0
STORM SEWERS						
GOB	-	-	325.0	1,100.0	400.0	3,125.0
Private	-	1,500.0	-	-	-	-
Stormwater Utility Fund	1,175.0	1,100.0	600.0	1,650.0	350.0	4,075.0
Local Option Sales Tax	-	3,425.0	-	-	-	-
<Stormwater Utility Fund Less Prior	-	-	-	-	-	-
Sub-Total \$	<i>18,825.0</i>	1,175.0	6,025.0	925.0	2,750.0	750.0

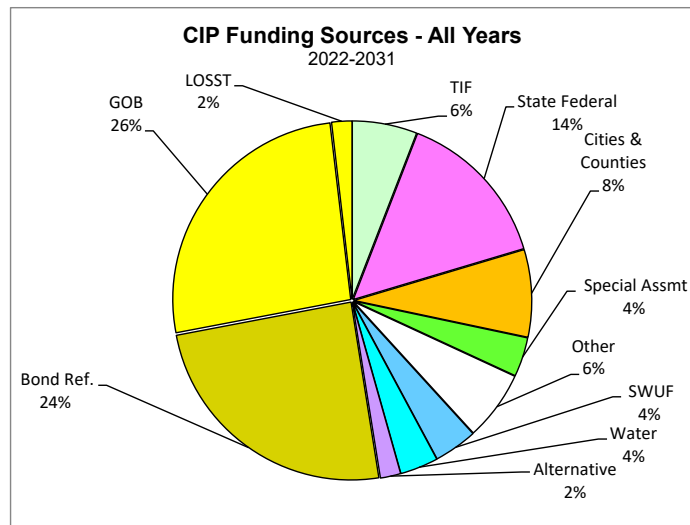
**FINANCIAL
FUNDING SOURCES
2022 - 2027+ Capital Improvements Program
City of Urbandale, Iowa**

(In 000's)	Calendar Year					Unprogrammed
	2022	2023	2024	2025	2026	2027-31
STREETS						
GOB	7,554.5	4,147.5	687.5	6,227.6	9,406.3	9,533.0
Alternative TBD	-	-	-	-	-	4,200.5
Capital Project Fund	-	-	165.0	115.0	-	923.6
Road Use	2,251.0	2,673.5	2,388.1	2,459.8	2,533.5	13,854.3
IDOT	2,500.0	-	-	-	60.0	-
ICAAP (Federal)	1,137.4	-	-	-	-	-
Other Cities	1,450.0	355.0	-	2,191.6	3,339.6	8,342.7
County	-	-	-	-	-	1,794.8
STP	600.0	-	-	-	-	-
Special Assessment	1,375.0	-	-	1,138.6	2,062.5	2,605.3
Federal	1,950.0	-	-	500.0	-	-
Private	-	-	-	-	20.0	-
TIF - DUNA	-	-	1,760.0	-	-	-
TIF - NWMC	2,500.0	1,500.0	1,600.0	1,514.4	1,720.0	640.0
<TIF Prior Issued Debt to Deduct>	500.0	-	300.0	-	-	-
Sub-Total \$	<i>112,577.6</i>	21,817.9	8,676.0	6,900.6	14,147.0	19,141.9
<Less> GOB Prior Issued Debt to De	-	-	-	-	-	-
<Less> TIF Prior Issued Debt to Dedu	(500.0)	-	(300.0)	-	-	-
Sub-Total \$	<i>111,777.6</i>	21,317.9	8,676.0	6,600.6	14,147.0	19,141.9
TRAFFIC SIGNALS						
GOB	207.5	814.0	-	-	-	490.0
Other Cities	147.5	244.0	-	-	-	137.5
Private	-	250.0	-	235.0	-	117.5
Sub-Total \$	<i>2,643.0</i>	355.0	1,308.0	235.0	-	745.0
<Less> GOB Prior Issued Debt to De	-	-	-	-	-	-
<Less> TIF Prior Issued Debt to Dedu	-	-	-	-	-	-
Sub-Total \$	<i>2,643.0</i>	355.0	1,308.0	235.0	-	745.0
SUB-TOTAL by YEAR (without WATER)						
	26,882.7	63,296.0	13,208.8	19,652.4	21,230.9	74,688.7
WATER						
Water Revenue	1,442.0	1,497.6	1,191.1	1,026.1	1,147.4	1,562.3
SRF-State Revolving Fund	-	-	-	-	-	-
Sub-Total \$	<i>7,866.5</i>	1,442.0	1,497.6	1,026.1	1,147.4	1,562.3
TOTAL by YEARS						
	28,324.7	64,793.6	14,399.9	20,678.5	22,378.3	76,251.0
\$ 226,826.0						
<Less> GOB & TIF Prior Issued Debt to Deduct	(1,385.8)	-	(300.0)	-	-	-
After Prior Debt Issued Deducted	26,938.9	64,793.6	14,099.9	20,678.5	22,378.3	76,251.0
\$ 225,140.2						
<Less> Prior Allocations	-	-	-	-	-	-
After Prior Allocations Deducted	26,938.9	64,793.6	14,099.9	20,678.5	22,378.3	76,251.0
\$ 225,140.2						

**FINANCIAL
FUNDING SOURCES
2022 - 2027+ Capital Improvements Program
City of Urbandale, Iowa**

(In 000's)	Calendar Year					Unprogrammed
	2022	2023	2024	2025	2026	2027-31
SUMMARY by FUNDING SOURCES:						
GOB	8,948.0	8,055.5	4,502.2	8,528.0	10,401.3	18,800.0
GOB Prior Issued Debt to Deduct	80.8	-	-	-	-	-
TIF - DUNA	-	-	1,760.0	-	-	-
TIF - NWMC	2,530.0	1,950.0	1,600.0	1,514.4	1,720.0	640.0
TIF Prior Issued Debt to Deduct	1,305.0	-	300.0	-	-	-
Local Option Sales Tax	380.0	3,805.0	-	-	-	-
Road Use	2,251.0	2,673.5	2,388.1	2,459.8	2,533.5	13,854.3
State	2,500.0	-	-	-	60.0	-
Federal	3,687.4	-	-	500.0	-	-
Other Cities	1,597.5	599.0	-	2,191.6	3,339.6	8,480.2
County	-	-	-	-	-	1,794.8
Bond Referendum	-	43,000.0	-	-	-	12,595.0
Special Assessment	1,375.0	100.0	100.0	1,238.6	2,162.5	3,105.3
General Fund	15.0	-	-	-	-	60.0
SWUF Stormwater Utility Fund	1,175.0	1,100.0	600.0	1,650.0	350.0	4,075.0
Capital Project Fund	1,036.0	102.5	1,739.5	833.5	634.5	6,372.6
Private	2.0	1,910.5	219.0	736.5	29.5	711.0
Water Revenue	1,442.0	1,497.6	1,191.1	1,026.1	1,147.4	1,562.3
Alternative TBD	-	-	-	-	-	4,200.5
TOTAL by YEAR	28,324.7	64,793.6	14,399.9	20,678.5	22,378.3	76,251.0
\$	226,826.0	-	-	-	-	-
<Less> GOB Prior Issued Debt to De	(80.8)	-	-	-	-	-
<Less> TIF Prior Issued Debt to Dedu	(1,305.0)	-	(300.0)	-	-	-
<Less> GOB & TIF Prior Issued Deb	(1,385.8)	-	(300.0)	-	-	-
After Prior Debt Issued Deducted	26,938.9	64,793.6	14,099.9	20,678.5	22,378.3	76,251.0
\$	225,140.2	-	-	-	-	-
<Less> Prior Allocations	-	-	-	-	-	-
After Prior Allocations Deducted	-	-	-	-	-	-
\$	225,140.2	26,938.9	64,793.6	14,099.9	20,678.5	76,251.0

CIP Funding Sources - All Years	(In 000's)
GOB	\$ 59,315.8
TIF	13,319.4
Local Option Sales Tax	4,185.0
State Federal	32,907.6
Cities & Counties	18,002.7
Special Assmt	8,081.4
Other	14,402.1
SWUF	8,950.0
Water	7,866.5
Alternative	4,200.5
Bond Ref.	55,595.0
TOTAL ALL YEARS	\$ 226,826.0





ANNUAL OPERATING BUDGET - DETAIL
General Fund, Storm Water Utility Fund, and
Road Use Fund

2022 - 2027+ Capital Improvements Program

	Calendar Year					Unprogrammed 2027-31
	2022	2023	2024	2025	2026	
GENERAL FUND						
BUILDINGS						
Community Recreation Complex	15.0	-	-	-	-	-
Fire Station #41 Replacement	-	-	-	-	-	15.0
Police Station Covered Fleet Parking	-	-	-	-	-	15.0
Police Station Expansion	-	-	-	-	-	15.0
Sub-Total	15.0	-	-	-	-	45.0
PARKS						
WCRP: Regional Park Shelter - Enclosed Shelter / N	-	-	-	-	-	15.0
Sub-Total	-	-	-	-	-	15.0
TOTAL GENERAL FUND	\$ 15.0	\$ -	\$ -	\$ -	\$ -	\$ 60.0

STORM WATER UTILITY FUND						
STORM WATER						
Creek and Stream Drainage Improvements: Various	350.0	350.0	350.0	350.0	350.0	1,750.0
Merle Hay Reinvestment District Stormwater Improv	375.0	500.0	-	-	-	-
Intake Rebuilding Program	250.0	250.0	250.0	250.0	-	-
Oliver Smith Dr. Storm Sewer Improvements 72nd to	-	-	-	-	-	1,075.0
Removal of Culverts on Old 100th St. Right-of-Way	200.0	-	-	-	-	-
Roseland Dr. Storm Sewer Improvements Meredith to	-	-	-	1,050.0	-	-
66th St. Storm Sewer Improvements Meredith to Tox	-	-	-	-	-	1,250.0
TOTAL STORM WATER UTILITY	\$ 1,175.0	\$ 1,100.0	\$ 600.0	\$ 1,650.0	\$ 350.0	\$ 4,075.0

ROAD USE FUND						
STREETS						
Annual Street Rehabilitation Program	2,251.0	1,918.5	2,388.1	2,459.8	2,533.5	13,854.3
Aurora Ave. Preservation 86th to Tanglewood	-	400.0	-	-	-	-
Meredith Dr. Preservation 86th to 104th	-	-	-	-	-	-
142nd St.: Waterford Rd. to North Corporate Limit	-	355.0	-	-	-	-
TOTAL ROAD USE FUND	\$ 2,251.0	\$ 2,673.5	\$ 2,388.1	\$ 2,459.8	\$ 2,533.5	\$ 13,854.3



TIF PROJECTS - DETAIL
TIF (Tax Increment Financing)
2022 - 2027+ Capital Improvements Program

	TIF Dist.	Calendar Year					Unprogrammed
		2022	2023	2024	2025	2026	2027-31
BUILDINGS							
Parks & Public Works PV Solar Array	NWMC	30.0	450.0	-	-	-	-
Sub-Total		30.0	450.0	-	-	-	-
STREETS							
Aurora Ave., 104th St. / Sutton Dr. / 100th St.	NWMC	2,200.0	1,200.0	-	-	-	-
Community Entrance Signage	NWMC	300.0	300.0	-	-	-	-
Douglas Ave. Railroad Crossing	NWMC	-	-	-	-	20.0	-
Douglas Ave. Urbanization	DUNA	-	-	1,760.0	-	-	-
Justin Dr. Preservation 100th to 109th	NWMC	-	-	-	1,100.0	-	-
Meredith Dr. Preservation 104th to 121st	NWMC	-	-	1,000.0	-	-	-
N.W. Urbandale Dr. Preservation Douglas to Meredith		-	-	-	-	1,700.0	-
N.W. 54th Ave.: From 1/2 Mile East of 111th St.	NWMC	-	-	-	414.4	-	-
111th Street Paving	NWMC	-	-	-	-	-	640.0
121st Street Preservation - Douglas to Meredith		-	-	600.0	-	-	-
Sub-Total		2,500.0	1,500.0	3,360.0	1,514.4	1,720.0	640.0
TOTAL TIF		\$ 2,530.0	\$ 1,950.0	\$ 3,360.0	\$ 1,514.4	\$ 1,720.0	\$ 640.0



ART in PUBLIC PLACES
Public Art Committee
2022 - 2027+ Capital Improvements Program
Eligible Newly Issued GOB and TIF Debt Funding
City of Urbandale, Iowa

SUMMARY	2022	2023	2024	2025	2026	Unprogrammed 2027-31
Buildings GOB & TIF issued debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 577.5
Parks GOB & TIF issued debt	250.0	1,000.0	432.0	235.0	-	746.7
ARTerial Bridges GOB & TIF issued debt	-	-	-	-	-	950.0
ARTerial Streets GOB & TIF issued debt	1,350.0	1,797.5	287.5	3,800.0	3,000.0	4,000.0
TOTAL	1,600.0	2,797.5	719.5	4,035.0	3,000.0	6,274.2
Public Art based on % of G 1.0%						
<i>in 000's of Dollars:</i>	\$ 16.0	\$ 28.0	\$ 7.2	\$ 40.4	\$ 30.0	\$ 62.7
DETAIL of Eligible GOB or TIF Projects						
	2022	2023	2024	2025	2026	Unprogrammed 2027-31
BUILDINGS						
City Administrative Office Expansion	-	-	-	-	-	577.5
Sub-Total	-	-	-	-	-	577.5
PARKS						
Trail: Raccoon River Valley Regional Trail (-	-	-	-	-	268.0
Trail: Waterford Rd. to Dallas County Uninc	-	-	432.0	-	-	-
WCRP: Park Roadway System - Douglas Pa	-	1,000.0	-	-	-	-
WCRP: Park Shelters - Open-Air Shelters	-	-	-	235.0	-	-
WCRP: Regional Park Shelter	-	-	-	-	-	215.7
WCRP: Trail System - Interior Access	250.0	-	-	-	-	263.0
Sub-Total	250.0	1,000.0	432.0	235.0	-	746.7
BRIDGES						
Waterford Rd. Bridge	-	-	-	-	-	950.0
Sub-Total	-	-	-	-	-	950.0
STREETS						
Aurora Ave. - 86th St. to Merle Hay Road -	-	797.5	-	-	-	-
Hickman Rd./U.S. Highway 6 at 128th St.	-	1,000.0	-	-	-	-
Meredith Drive Preservation - 86th to 104th	-	-	-	1,000.0	-	-
Meredith Drive Pres. - 104th to 121st	-	-	200.0	800.0	-	-
Meredith Drive Pres. - 104th to 121st	-	-	-	1,000.0	-	-
Meredith Dr.: 170th St. to 184th St.	-	-	-	-	1,000.0	-
Urbandale Ave. - 70th St. to 68th St. - Trail	-	-	87.5	-	-	-
N.W. Urbandale Drive Preservation	-	-	-	-	1,000.0	-
N.W. 54th Ave.: From 1/2 Mile East of 100t	-	-	-	-	-	-
Waterford Rd. Extension West of 170th St.	-	-	-	-	-	1,000.0
128th St. Preservation Project - Douglas to /	350.0	-	-	-	-	-
142nd St.: Douglas Pkwy. to Meredith Dr.	-	-	-	-	-	1,000.0
142nd St.: Meredith Dr. to Waterford Rd.	-	-	-	1,000.0	-	-
142nd St.: Waterford Rd. to North Corporat	-	-	-	-	-	1,000.0
156th St.: Waterford Rd. to Meadow Dr.	-	-	-	-	1,000.0	-
170th St. (Alice's Rd.): Meredith Dr. to Wat	1,000.0	-	-	-	-	-
170th St. (Alice's Rd.): Waterford Rd. to No	-	-	-	-	-	1,000.0
Sub-Total	1,350.0	1,797.5	287.5	3,800.0	3,000.0	4,000.0
TOTAL by YEAR	1,600.0	2,797.5	719.5	4,035.0	3,000.0	6,274.2

\$	18,426.2	GRAND TOTAL - ALL YEARS - at % of Eligible GOB ART Projects
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ART**Urbandale Public Arts Funding Initiative**

AR09-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	184.3	16.0	28.0	7.2	40.4	30.0	62.7
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	184.3	16.0	28.0	7.2	40.4	30.0	62.7
FUNDING SOURCES							
GOB	184.3	16.0	28.0	7.2	40.4	30.0	62.7
	-						
	-						
TOTAL	184.3	16.0	28.0	7.2	40.4	30.0	62.7

Description: Proposed is the continued development, enhancement and support of public parks, open spaces, and community recreational programs and facilities by increasing public art throughout Urbandale. The first public art was purchased in 2009.

Justification: The purpose of the public arts initiative is to encourage and facilitate public art of high aesthetic quality that celebrates the uniqueness of Urbandale, enhances quality of life, economic development and community image, promotes tourism and makes art more accessible to the general public.

Project Status: The Public Art Committee's long range plan was approved by the City Council in June, 2008. Funding is provided based on the Capital Improvements Program at a 1% (one percent) designation of bonded debt issued (GOB, TIF) related to capital projects for parks, city facilities, and main arterial street projects. A \$1 million threshold has been placed on projects funded by debt issued proceeds, and the City Council separately considers the public art funding level for each project in excess of the \$1 million. In addition, 10% (ten percent) of the art budget is to be set aside for public art maintenance. A virtual tour of the City's art sculptures was created in Summer 2014.

In preparing the CIP, City staff used the following guidelines to identify eligible projects/portion thereof, to be designated as "Art" for the funding calculation:

- new construction of City facilities, or significant reconstruction of City facilities;
- new park trail development 10 (ten) feet or wider;
- projects within a regional park (Walker Johnston Park and WCRP) including all trails, new construction or development, and significant rehabilitation projects other than maintenance projects;
- new construction or paving projects on arterial streets—which are the roadways on the grid mile, and bridges on arterial streets;
- construction of new playgrounds when associated with a larger project (playground limited to \$75K for the art contribution calculation);
- except, projects funded through a Bond Referendum would not be eligible Art projects.

Effect on Operating Budget: The annual cost effect will be determined after the plans are developed. It is anticipated that the project will increase the labor cost for equipment maintenance and custodial services.



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BUILDING**Community Recreation Complex**

BU08-02	Total	Calendar Year						Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31	
Design	200.0	200.0						
Acquisition	15.0	15.0						
Construction	43,000.0		43,000.0					
Storm Wtr Cnst.	-							
TOTAL	43,215.0	215.0	43,000.0	-	-	-	-	

FUNDING SOURCES							
Bond Referendum	43,000.0		43,000.0				
Capital Projects	200.0	200.0					
General	15.0	15.0					
TOTAL	43,215.0	215.0	43,000.0	-	-	-	-

Description: The process has begun to determine the level of interest from the public for a new recreation facility in the Walnut Creek Regional Park. Cost estimates for the construction and operating cost for four different facility options was completed in the fall of 2021 and determined that several options would exceed the City's bonding capacity. A community wide scientifically valid survey will be conducted in January 2022, to determine the level of support from the community and the threshold to be bonded for the facility. After results from the survey are compiled, a final recommendation from the City Council will be made, to determine if a facility would be brought forward to the community for a vote as early as fall 2022.

Justification: Community input received through public forums, the 2016 Aquatics Feasibility Study and the 2018 Parks, Recreation and Community Open Space reflected interest from the community for some type of new recreation/aquatic/senior facility. The City hired a consultant to prepare cost estimates and tax impacts for four different facility options, and several of the options would exceed the City's bonding capacity. A January 2022 community survey is planned, to determine the community's level of support and the threshold to be bonded for the facility. More detailed design plans for a facility would be developed, which will include public forums and community input, in order to finalize the plans. Anticipated fall 2022 bond referendum.

Project Status:

Final design plans need to be development, and community input in preparation for a 2022 bond referendum.

Effect on Operating Budget: The annual cost effect will be determined after the plans are finalized. Energy efficiencies will be monitored.

BUILDING**City Administrative Office Expansion**

PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	88.0						88.0
Acquisition	-						
Construction	489.5						489.5
Storm Wtr Const.	-						
TOTAL	577.5	-	-	-	-	-	577.5

FUNDING SOURCES							
GOB	577.5						577.5
	-						
	-						
TOTAL	577.5	-	-	-	-	-	577.5

Description: Proposed is a building expansion to accommodate future staff and services. A space planning study was completed in 2014 for both sides of the complex. In 2015-Phase 1, the copy room in the administrative wing was remodeled to create 2 offices to accommodate additional staff.

Justification: City Hall consists of two joined buildings: Community Development/Engineering constructed in 2000 (north), and Parks/Recreation and City Administrative offices constructed in 2005 (south). In 2013, an Economic Development department was added in the administrative wing. The expansion could occur to either one or both of the joined buildings in the complex.

Project Status: Unprogrammed-Phase 2: Design and construct an expansion to tie into the existing City Hall facility. The land available for expansion at the current location is limited in size and configuration. The cost estimates for Design and Construction anticipate energy efficiency initiatives.

Effect on Operating Budget: Operating expenses would increase to cover supplies and maintenance as a result of the expansion. Energy efficiency would be monitored.

BUILDING**FAST Training Building Upgrade**

BU22-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	40.0	40.0					
Construction	20.0	20.0					
Storm Wtr Cnst.	-						
TOTAL	60.0	60.0	-	-	-	-	-

FUNDING SOURCES							
GOB	60.0	60.0					
TOTAL	60.0	60.0	-	-	-	-	-

Description: Proposed is the installation of upgrades to the Tri-City FAST Training Building:

1. Addition of burn spots on the first floor and third floor, including framing, thermal lining, and temperature monitoring.
2. Replacement of the forcible entry door/prop.
3. Replacement of the burn annex roof surface liner.
4. Addition of a garage door frame prop for forcible entry.
5. Addition of portable propane-fired window prop.
6. Addition of rapid intervention through-the floor and window props.
7. Replacement of Class A burn props.

Justification: The Tri-City FAST Training Building will enter its 12th year of use in 2022. By all accounts it has exceeded all initial expectations in terms of both frequency and quality of use. The tower is used annually by seven agencies to conduct firefighting initial and in-service training. It has been through two inspection cycles, and except for the burn liner in the annex, has held up very well to the use it takes. In 2021, the FAST Tower is scheduled to host live fire training on 48 days, with a similar number of scheduled training dates for skills training (not counting unscheduled crew training). The upgrades being proposed will allow additional training opportunities in live fire training, forcible entry training, and rapid intervention.

Project Status: Proposed. 28E partners have been consulted and agree to their share of the funding as part of this project.

Effect on Operating Budget: No increase in operating expenses is expected. The total cost will be split between our FAST Training Building partners with Urbandale being responsible for 60%, Clive 30% and Windsor Heights for 10%.

BUILDING**Fire Station #41 Replacement**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	520.0			100.0			420.0
Acquisition	15.0						15.0
Construction	6,000.0						6,000.0
Storm Wtr Cnst.	-						
TOTAL	6,535.0	-	-	100.0	-	-	6,435.0

FUNDING SOURCES							
Bond Referendum	6,420.0						6,420.0
GOB	100.0			100.0			
General							15.0
TOTAL	6,520.0	-	-	100.0	-	-	6,420.0

Description: Proposed is the replacement of Fire Station #41 located at 7100 Douglas. The project would include two components; a study to consider alternative sites for the station and the design/construction of the station.

Justification: This project will provide for the replacement of a fire station that was constructed in 1975. The 50-year-old station was constructed for a volunteer fire department and did receive renovations in 2009 to allow the station to accommodate full-time staffing. The station is of a metal building construction except for the renovation portion. Office space, staff bathrooms, bedrooms and locker rooms are inadequate, and the station is not energy efficient with limited insulation of the metal portion of the building. The space and functionality of the station significantly limits the department's ability to provide adequate and needed space including office space.

When the station was constructed in 1975, the physical location served the city limits of Urbandale adequately. As the city grew westward, the coverage provided by this station is limited to the east. A typical five-mile radius of the station's coverage shows that much of the coverage to the east is lost as the coverage cannot extend into the City of Des Moines. Additionally, the City of Clive has constructed a new fire station on Hickman Road which provides for coverage into Urbandale. It is felt that a relocation of this station further west would provide improved services and responses as well as maximizing collaboration with the City of Clive. Identification of relocation options should be completed by an independent consultant including the rebuild at the current location.

Project Status: A consultant would be hired in 2024 to review response data and to identify possible locations and the ramifications of changing locations. A referendum would be needed to move forward with design and construction.

Effect on Operating Budget: This project would replace an existing building and there should be significant increase in operating cost. The addition of energy efficient building and more central location should provide for a saving in heating/cooling as well as a potential small savings in fuel and maintenance cost.

BUILDING**North Plant (Sewage Building) - Demolition**

BU20-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	100.0	100.0					
Storm Wtr Cnst.	-						
TOTAL	100.0	100.0	-	-	-	-	-

FUNDING SOURCES							
Capital Projects	100.0	100.0					
TOTAL	100.0	100.0	-	-	-	-	-

Description: The North Plant Sewage Treatment Plant stopped being used as a treatment facility over 30 years ago. Since that time, it has been used as a dog pound and a storage facility. The building is currently in very poor condition. With the new Parks and Public Works Facility being completed in late 2021, this building can now be demolished.

Justification: Building is in very poor condition and the storage area will no longer be needed.

Project Status: Plans need to be made.

Effect on Operating Budget: Demolishing this building will reduce City cost for maintaining it.

BUILDING**Parks and Public Works PV Solar Array –
94th St./95th St. and Hickman Rd.**

BU21-01	TOTALS	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	30.0	30.0					
Acquisition	-						
Construction	450.0		450.0				
Storm Wtr Cnst.	-						
TOTAL	480.0	30.0	450.0	-	-	-	-
FUNDING SOURCES							
GOB	-						
TIF (NWMC)	480.0	30.0	450.0				
Prev. Issue	-						
TOTAL	480.0	30.0	450.0	-	-	-	-

Description: This project would add PV Solar panel array to the new Parks and Public Works Maintenance Facility.

Justification: Solar is a priority of the City Council per the Strategic Plan.

Project Status: A PV solar array feasibility and preliminary cost study has been completed to determine the power generation options and updated costs for the building. Design of the project would be the next step.

Effect on Operating Budget: Operating expenses will decrease due to the installation of the solar panels. The City of Urbandale is a tax-exempt entity. Due to Urbandale's tax-exempt status, the city is not eligible to receive grants or rebates related to this project.

BUILDING**Police Station Covered Fleet Parking**

PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	82.5						82.5
Acquisition	15.0						15.0
Construction	1,100.0						1,100.0
Storm Wtr Cnst.	-						
TOTAL	1,197.5	-	-	-	-	-	1,197.5
FUNDING SOURCES							
GOB	82.5						82.5
Bond Referendum	1,100.0						1,100.0
General	15.0						15.0
TOTAL	1,197.5	-	-	-	-	-	1,197.5

Description: Proposed is the construction of additional covered parking for the Police Patrol fleet and for uncovered employee parking. The Patrol fleet of 18 vehicles (marked and unmarked) will increase in number as the work force increases. This project would supplement the existing parking, and proposes at a minimum, 10 additional covered parking stalls for fleet, and 20 additional uncovered parking spaces for employees. This additional parking would accommodate parking during shift changes, training days and special event call-outs.

Justification: This project will provide additional covered parking to a Police fleet that has outgrown the current 10 stall garage and accompanying employee parking. The addition of proposed covered parking would be north of the Water facility and east of the Police Station. Some covered space would be used for storage and a security fence would be installed.

Project Status: Preliminary design (\$28.9K) in preparation for the bond referendum election (\$15K). Final design and construction plans (\$53.6K). The cost estimates for Design and Construction anticipate energy efficiency initiatives, such as illuminating the parking lot with efficient LED lighting or newer alternatives.

Effect on Operating Budget: Parking facility and parking lot will have minimal effect on operating costs for maintenance and repair of concrete and parking stall paint. Energy efficiencies of lot lighting will be monitored.

BUILDING**Police Station Expansion**

PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	165.1						165.1
Acquisition	15.0						15.0
Construction	2,450.0						2,450.0
Storm Wtr Cnst.	-						
TOTAL	2,630.1	-	-	-	-	-	2,630.1

FUNDING SOURCES							
GOB	415.1						415.1
Bond Referendum	2,200.0						2,200.0
General	15.0						15.0
TOTAL	2,630.1	-	-	-	-	-	2,630.1

Description: Proposed is a 10,000sf expansion of the Police Station. Office workspace and storage are currently at a premium and will become more critical in the future.

Justification: The Police Station was constructed in 1981 at 12,170sf; in 2008 it was increased to its current size of 23,241sf. The current workforce for 2021 is 56 sworn officers and 9 civilians. The staffing plan will be reevaluated before 2022.

Project Status: Unprogrammed: Proposed addition is along the SW corner of the Station. Preliminary design (\$57.8K) in preparation for the bond referendum election (\$15K). Final design and construction plans (\$107.3K). The GOB funding includes building design (\$107.3K), and modifications and expansion of the geothermal loop (\$245K) to accommodate the addition. The cost estimates for Design and Construction anticipate energy efficiency initiatives that take advantage of the existing geo-thermal wells at the department.

Effect on Operating Budget: The plan will impact the operating budget. Office equipment and furnishings will need to be added. It is difficult to make this estimation until the building plans are completed. Energy efficiencies will be monitored.

Hazard Mitigation Project: Tentatively designated by City staff as an eligible project.

BUILDING**Public Works Satellite Salt Storage Building
- 170th St. and Waterford Rd.**

BU21-02	TOTALS	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	60.0	60.0					
Acquisition	-						
Construction	700.0	320.0	380.0				
Storm Wtr Cnst.	-						
TOTAL	760.0	380.0	380.0	-	-	-	-

FUNDING SOURCES							
GOB	-						
Local Option Sales T	760.0	380.0	380.0				
	-						
TOTAL	760.0	380.0	380.0	-	-	-	-

Description: In 2009, the City purchased 19.93 acres at the northeast corner of 170th Street and Waterford Road, for use as a satellite maintenance facility for Parks and Public Works. Currently, this site is under contract for a storage building with a small breakroom and restroom facilities. This project will be completed in 2023.

Justification: The salt storage building is being added to cut down on travel time for City employees working in the western portion of Urbandale.

Project Status: Design will start on the building in late 2021/early 2022 for construction in 2023.

Effect on Operating Budget: Upon completion, there should be a minimal effect on the budget.

Hazard Mitigation Project: Tentatively designated by City staff as an eligible project.



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EQUIPMENT

EV Charging Stations

EQ22-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	7,193.0	3.0	3.0	1,413.0	650.0	569.0	4,555.0
Storm Wtr Cnst.	-						
TOTAL	7,193.0	3.0	3.0	1,413.0	650.0	569.0	4,555.0

FUNDING SOURCES							
Utility Rebates	42.5	1.0	1.0	5.5	5.5	8.5	21.0
Capital Projects	7,143.5	1.0	1.0	1,404.5	643.5	559.5	4,534.0
Grants	7.0	1.0	1.0	3.0	1.0	1.0	
TOTAL	7,193.0	3.0	3.0	1,413.0	650.0	569.0	4,555.0

Description: Proposed is the installation of EV (electric vehicle) charging stations for City fleet use.

Justification: EV sales are projected to reach 7% of total U.S. vehicle sales in 2025, for a total 1.1 million vehicles. That is up from 326,000 EVs sold in 2020. In addition, the increased trend toward EVs is expected to continue as most major motor vehicle manufacturers have announced a shift toward EVs. It is estimated that by 2030 1 in 4 vehicles sold would be an EV.

This project will prioritize the installation of two (2) dual sided level 2 EV chargers at the Parks/Public Works Facility, and subsequently provide a network of EV charging stations to compliment the private and utility provided EV charging stations in and around the City. It will also provide EV charging stations at City facilities to allow the City to transition certain fleet vehicles to EV vehicles. The proposed EV charging station network would utilize the same EV charging station provider and network servicer used by MidAmerican Energy for its EV charging station network buildout. This would allow the City to compliment the MidAmerican Energy EV charging network being built out.

Project Status: City staff has worked with MidAmerican Energy to identify the type and future locations of its EV charging network in the Des Moines Metro. The proposed project would use the same EV charging station services provider for the design, installation, and network services. As proposed, this project would install 29 level 2 charging stations and 20 level 3 charging stations over a five-year phased timeframe. The sites selected meet the current and projected uses of EV charging stations from public demand and as the City's fleet incorporates EVs.

Phase I (2022-2023): The new Parks/Public Works Facility was designed with conduit running to the exterior of the building for the future installation of EV chargers. This phase would install two (2) dual sided level 2 EV chargers at the Parks/Public Works Facility. These EV chargers would be in a secured location and only for city fleet vehicle use. Future year stations would match vehicle replacement schedule and be installed at city facilities where those vehicles would be parked when not in use.

Phase 2 (2024): This phase would install:

- 2, Dual Sided Level 2 Stations at Walker Johnston Park in the main parking area
- 1, Dual Sided Level 2 Station at the Walnut Creek Regional Park parking area
- 1, Dual Sided Level 3 Station at Walker Johnston Park in the main parking area
- 2, Dual Sided Level 3 Stations at City Hall for fleet use

EQUIPMENT

EV Charging Stations (Continued)

Project Status: Cont'd

Phase 3 (2025): This would install:

- 2, Dual Sided Level 2 Stations at the UGRA Complex in the main parking area
- 1, Dual Sided Level 2 Station at the All-Inclusive Playground parking area
- 1, Dual Sided Level 2 Station at Northview Park/ULL parking area
- 1, Dual Sided Level 2 Station at Waterford Park parking area
- 1, Dual Sided Level 3 Station at the UGRA Complex in the main parking area

Phase 4 (2026): This phase would install:

- 2, Dual Sided Level 2 Stations at City Hall/Library in the parking area
- 1, Dual Sided Level 3 Station in Northview Park/ULL in the parking area

Phase 5 (2027-2031): These phases could install pole mounted EV chargers on: 1. Douglas Avenue from east corporate limits to 75th Street if the roadway is redesigned with on street parking; 2. Around Lions Park on 71st Street, 72nd Street and Prairie Avenue; 3. Giovannetti Shelter in the adjacent parking area; 4. Recreation/Aquatic/Senior Facility in the WCRP; 5. Public Works Complex for fleet use; 6. Jackaline Baldwin Dunlap Park and Arboretum in the parking area; 7. Public Works Satellite Complex for fleet use; 8. City Hall for fleet use*

* Expansion based on projected fleet transition to EVs.

Effect on Operating Budget: The EV network cost would be \$1,610 for a 5-year service and maintenance contract for a Level 2 EV charging station and \$2,765 for a Level 3 EV charging station with Greenlots.

EQUIPMENT**Fire Ladder Truck Replacement**

EQ22-02 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	1,200.0			1,200.0			
Storm Wtr Cnst.	-						
TOTAL	1,200.0	-	-	1,200.0	-	-	-

FUNDING SOURCES							
GOB	1,200.0			1,200.0			
	-						
	-						
TOTAL	1,200.0	-	-	1,200.0	-	-	-

Description: Proposed is the planned replacement of the department's 2005 75' ladder truck. The current truck will end its service life no later the 2025. The specified ladder truck will have a climbing ladder of 75 to 107 feet.

Justification: This project will replace the 2005 ladder truck. The manufacturer of the ladder truck to be replaced is no longer in business making repairs more costly if parts can be found. Because parts from the manufacturer are no longer available, the truck being replaced has little to no value. The added length of the proposed ladder provides for better coverage to those structures that are harder to reach from the road. The added height provides greater reach.

Project Status: Plans for the design and configuration of the replacement ladder truck will begin in January 2023 with a target ordering date of May 2023. Construction time is currently 14 months.

Effect on Operating Budget: This ladder truck replaces a unit and there should not be a significant difference in on-going budget cost. The added ladder length will increase operating cost for fuel and maintenance.

EQUIPMENT**Fire Mobile Ventilation Unit**

EQ22-03 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	185.0		185.0				
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	185.0	-	185.0	-	-	-	-

FUNDING SOURCES							
GOB	185.0		185.0				
	-						
	-						
TOTAL	185.0	-	185.0	-	-	-	-

Description: Proposed is the purchase of mobile ventilation unit. This would be a trailer mounted mobile ventilation unit with a 50” fan, trailer mounted and the ability to oscillate and elevate.

Justification: This project will provide much needed ability to ventilation large structures like warehouses and large open spaces. The need to ventilate these spaces is infrequent but when needed, we simply do not have the ability to ventilate those areas. What is proposed in the purchase of a unit that would be shared by several metro area departments. While none of us have a frequent need, collectively we all have a need at some time. This allows the cost to be split between participating departments.

Project Status: Ten departments have been part of a committee that has worked to identify a mobile ventilation unit that would meet our needs. The committee has completed the work and the consensus is to purchase the 50” fan as described. The hope is to identify a grant program and pursue this joint purchase through a grant. If we are unsuccessful in the pursuit of a grant, the departments that agree to participate will split the cost of the purchase. The amount shown in the CIP request is the total cost of the unit. Our total cost would be dependent upon how many departments commit to sharing this regional asset.

Effect on Operating Budget: A slight impact on the operational budget to cover the cost of fuel and maintenance.

EQUIPMENT**Fire Self-Contained Breathing Apparatus
(SCBA) Replacement**

EQ22-04	TOTALS	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	465.0					465.0	
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	465.0	-	-	-	-	465.0	-

FUNDING SOURCES							
GOB	465.0					465.0	
	-						
	-						
TOTAL	465.0	-	-	-	-	465.0	-

Description: Proposed is the replacement of the department's self-contained breathing apparatus (SCBA) that were purchased using the 2007 NFPA Standards. Three updates to the Standards have occurred leaving our current inventory of SCBA significantly outdated.

Justification: This project will replace the department's SCBA components to include air bottles, backpack frames, and facepieces. All the SCBA bottles in our inventory will be reaching their end of life and the manufacturer is no longer supporting many of the components including the facepiece and the critical communication components of our existing inventory.

Project Status: Plans for the specifications and vendor selection will occur in 2025.

Effect on Operating Budget: This is a replacement of existing equipment and there should be no appreciable difference in operating expenses for the new equipment.

EQUIPMENT**Fire Rescue Truck Replacement**

EQ19-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	675.0			675.0			
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	675.0	-	-	675.0	-	-	-

FUNDING SOURCES							
GOB	675.0			675.0			
	-						
	-						
TOTAL	675.0	-	-	675.0	-	-	-

Description: Proposed is the planned replacement of the department's heavy rescue truck that was purchased in 2004. The current truck will reach the end of life in 2024. This truck carries the department's extrication tools, rope rescue equipment, trench rescue equipment and other specialized rescue equipment.

Justification: This project will replace a truck that will have reached end of life. The specialized equipment carried on this truck cannot be accommodated on other fire department apparatus.

Project Status: Plans for the design and configuration of this truck will be completed and it will be ordered in 2023. Production of the truck would be expected to be 360 days

Effect on Operating Budget: This truck is replacing R428 and there should be no appreciable difference in on-going budget cost.

EQUIPMENT**Fire Tender**

EQ19-02 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	250.0						250.0
Storm Wtr Cnst.	-						
TOTAL	250.0	-	-	-	-	-	250.0

FUNDING SOURCES							
GOB	250.0						250.0
	-						
	-						
TOTAL	250.0	-	-	-	-	-	250.0

Description: Proposed is the purchase of a Water Tender. A water tender, also known as a tanker, is a specialized fire apparatus that is designed to transport a large volume of water and is used in areas not serviced by adequate municipal water systems. This apparatus would be housed at fire station #43 and would be dispatched to fires in any newly annexed areas. This apparatus is anticipated to be one time acquisition and it is believed that by the time the apparatus reaches end of life (25 years) the city will have provided adequate water supply in all annexed areas.

Justification: This project will provide the fire department the necessary water to begin fire attack operations in areas without adequate fire hydrants. This is needed in newly annexed areas where the City's infrastructure has yet to be established. All areas to the west of the current city limits do not have adequate water supply.

Project Status: Unprogrammed: This project is only being considered at this point and would only be needed if the City annexes land that is not supplied by an adequate water supply.

Effect on Operating Budget: There would be fuel and maintenance cost of this new apparatus; however, it is not anticipated that this apparatus would see a great deal of use.

EQUIPMENT

Fire Trench Training Prop

EQ21-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design		2.5					
Acquisition	-						
Construction	78.3	78.3					
Storm Wtr Cnst.	-						
TOTAL	78.3	80.8	-	-	-	-	-

FUNDING SOURCES							
Previously Issued	80.8	80.8					
	-						
	-						
TOTAL	80.8	80.8	-	-	-	-	-

Description: Proposed is the construction of a trench training prop to allow continuous training for trench rescue. The training prop would be constructed at Fire Station #42 in the area of the current training building and would be of concrete construction and protected by fencing.

Justification: This project will provide a concrete trench training prop to allow staff to train in the area of trench rescue. Trench rescue is a low frequency occurrence with extremely high consequences. Approximately 50% of all deaths associated with trench rescue involve rescuers. Currently, there is no such training prop in the area and our current training is provided by a mobile training prop which is inadequate for the needed on-going training to provide a well-trained and high performing team.

According to U.S. Department of Labor, trench collapse fatalities have more than doubled in recent years and the trend continues to trend upwards. With the growth of our own community in residential including the replacement of aging water lines and sewers, there is a high likelihood of another trench collapse in our community. In the 2019 calendar year, the Building Department reported a minimum of 208 building permits that included a trench for sewer installs alone. This doesn't include any project that a building permit would not have been pulled for or projects that did not specify that sewer services were being performed.

No other department in central Iowa has a trench training prop and we would offer the prop to the construction industry, OSHA, the Iowa Fire Service Training Bureau, and other fire departments. There would be a charge for the use of the training prop by others and that would allow cost recovery for some of the cost of this project.

Project Status: Planning – The project is being designed and we hope to have the project through the design process as well as Planning and Zoning approval by the end of the year 2021 with construction to occur in spring of 2022.

Effect on Operating Budget: The training prop should provide no impact on the operating budget.

TECHNOLOGY**Looped Fiber Connection Between City Facilities for Phone and Data**

TE19-01	TOTALS	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	850.0	400.0	150.0	300.0			
Storm Wtr Cnst.	-						
TOTAL	850.0	400.0	150.0	300.0	-	-	-

FUNDING SOURCES							
Capital Projects	-						
GOB	800.0	350.0	150.0	300.0			
Capital Projects	50.0	50.0					
TOTAL	850.0	400.0	150.0	300.0	-	-	-

Description: Proposed is the installation of fiber along arterial streets to provide looped systems to carry voice and data between City facilities.

Justification: If the City fibers, which provide voice and data to various City facilities, were to be cut, these services could be out for considerable time. To prevent this, we are proposing to loop this system to help prevent outages.

Project Status: In 2020 a redundant system was installed for the SR Center and Fire Station #41. Proposed in 2022 is a redundant route for Fire Station #42 and #43 with the use of conduit that was installed in 2021.

Effect on Operating Budget: This project will have minimal effect on the operating budget.



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PARKS

Trail: Coyote Ridge

PK17-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	210.0	210.0					
Storm Wtr Cnst.	-						
TOTAL	210.0	210.0	-	-	-	-	-

FUNDING SOURCES							
GOB	210.0	210.0					
	-						
	-						
TOTAL	210.0	210.0	-	-	-	-	-

Description: Proposed is the construction of a 2,130 linear feet trail through Coyote Ridge Park area, located east of 156th Street and north of Waterford Road. This is the second phase of the project, with the first phase completed in 2021. The trail would start at the section completed in phase I, just south of Ironwood Circle, going south along Walnut Creek from the existing trail and connecting to Waterford Road. This trail would link up to an existing trail section through Barrett Estates Park just south of Waterford Road, which would connect to 156th Street and the Regional Raccoon River Valley Trail system to the south.

Justification: Coyote Ridge Park, located at 147th Street and Waterford Road, is a new park with many single-family homes around it and a rapidly growing neighborhood. The trail would provide a connection from the neighborhood to Urbandale's regional trail network to the south, and the playground would provide much needed play opportunities for the neighborhood.

Project Status: Design plans for Phase II have been completed, and if successful bids are received in the winter of 2021, the project would be constructed in 2022.

Phase I, 2021 (\$360K): Was constructed in 2021 and included an 8 ft. wide trail link (1,140 linear ft.) through the Coyote Ridge Park area, located west of 142nd Street and north of Waterford Road. An additional section of trail (1,920 linear ft.) would go north along Walnut Creek and link up to an existing trail access behind residential homes in this area.

Phase I will also include a small playground and shade structure with picnic tables to be located in the larger open park area along the trail, which will be installed in the spring of 2022.

Phase II, 2022 (\$210K): Would include a trail section (2,130 linear feet) going south along Walnut Creek from the existing trail and connecting to Waterford Road. This trail would link up to an existing trail section through Barrett Estates Park just south of Waterford Road, which would connect to 156th Street and the Regional Raccoon River Valley Trail system to the south.

Effect on Operating Budget: Minimal effect on the budget.

PARKS**Trail: Oakwood Park Trail (Sutton Drive)**

PURPOSE	PK06-08 Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	40.0						40.0
Acquisition	-						
Construction	200.0						200.0
Storm Wtr Cnst.	-						
TOTAL	240.0	-	-	-	-	-	240.0

FUNDING SOURCES							
GOB	240.0						240.0
	-						
	-						
TOTAL	240.0	-	-	-	-	-	240.0

Description: Proposed is the construction of an 8ft. trail and the installation of a bridge through the Oakwood open space, from Oakwood Drive to Sutton Drive and 63rd Street.

Justification: The trail would connect to existing trails in the neighborhood.

Project Status: Future need. A plan and design will be needed.

Effect on Operating Budget: Minimal expense to maintain trail.

PARKS**Trail: Parkview Creek Trail Reconstruction**

PK21-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2026-30
		2022	2023	2024	2025	2026	
Design	80.0		80.0				
Acquisition	-						
Construction	400.0		200.0	200.0			
Storm Wtr Cnst.	-						
TOTAL	480.0	-	280.0	200.0	-	-	-

FUNDING SOURCES							
GOB	480.0		280.0	200.0			
	-						
	-						
TOTAL	480.0	-	280.0	200.0	-	-	-

Description: Proposed is the removal of existing asphalt trail and construction of 3,375 ft. of the Parkview Creek Trail area. The project would be divided into two phases, with the first phase including construction of an 8-foot-wide concrete trail on the north section of the North Parkview Creek trail, beginning behind 4424 North Parkview Drive going west to 8215 Alpine Drive (1,250 linear ft.). The project would also include a section from 8215 Alpine Drive, north to Meredith Drive (700 linear ft.). Phase II would include the west portion of the Parkview Creek Trail, extending from 8215 Alpine Drive south (500 linear ft.) to behind 8214 Greenbelt Drive. The final section would start at 8214 Greenbelt Drive and extend (925 linear ft.) east back to Parkview Drive, completing the project.

Justification: Each year the City evaluates and rates the trails in Urbandale, and maintenance projects are prioritized based on the condition of a trail section. The North Parkview Creek trail section rated below average by the annual trail maintenance report and is in need of replacement. This is an older section of trail, which over time has deteriorated from the natural effects of seasonal change and encroachment of tree roots causing buckling and cracking of the asphalt trail. The condition of the trail has become progressively worse in recent years, and we now have some safety concerns due to tripping hazards from spalling and pooling water (ice) issues throughout seasonal changes.

Project Status: Design plans need to be developed.

Phase I, 2023 (\$280K): would include an 8-foot-wide concrete trail on the north section of the North Parkview Creek trail, beginning behind 4424 North Parkview Drive going west to 8215 Alpine Drive (1,250 linear ft.). The project would also include a section from 8215 Alpine Drive, north to Meredith Drive (700 linear ft.).

Phase II, 2024 (\$200K): would include the portion of the Trail, extending from 8215 Alpine Drive south (500 linear ft.) to behind 8214 Greenbelt Drive. The final section would start at 8214 Greenbelt Drive and extend (925 linear ft.) east back to Parkview Drive, completing the project.

Effect on Operating Budget: Upon completion, there should be a minimal effect on the budget.

PARKS Trail: Raccoon River Valley Regional Trail Connection

PK02-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	268.0						268.0
Storm Wtr Cnst.	-						
TOTAL	268.0	-	-	-	-	-	268.0

FUNDING SOURCES							
GOB	268.0						268.0
	-						
	-						
TOTAL	268.0	-	-	-	-	-	268.0

Description: Proposed is the remaining construction phase to complete the existing trail south from the Douglas Parkway underpass to the Raccoon Valley Regional Trail. This project would provide significant trail links from Douglas Parkway, the Raccoon Valley Regional Trail system, and the City of Clive. The trail would be 10 ft. wide.

Justification: The Park Master Plan identified several areas west of Interstate 35/80 for bike trails. This trail will provide a significant north-south trail link from Douglas Parkway.

Project Status: Plans are in the conceptual stage.

Phase I (2007): a trail was constructed through a segment of Deer Ridge Park to the Rocklyn Drive cul-de-sac.

Phase II (2009): a 3,100-foot-long trail was constructed south from the Douglas Parkway underpass through Timberline Park to the existing trail in the Deer Ridge Park, and included the installation of a bridge over Walnut Creek.

Phase III, Unprogrammed: The remaining project would be constructed as a trail from the Rocklyn Creek Drive cul-de-sac and would be completed to the south and east to the Raccoon Valley Regional Trail. This connection would occur at the Hickman Road, Walnut Creek Bridge. A pedestrian easement is needed for this trail.

Effect on Operating Budget: Increase approximately \$1,300 annually to maintain the trail.

PARKS Trail: Waterford Road to Dallas County Unincorporated

PK15-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	32.0			32.0			
Acquisition	-						
Construction	400.0			400.0			
Storm Wtr Cnst.	-						
TOTAL	432.0	-	-	432.0	-	-	-
FUNDING SOURCES							
GOB	432.0			432.0			
Parkland	-						
TOTAL	432.0	-	-	432.0	-	-	-

Description: Proposed is a ten (10) feet wide trail connection at Waterford Road along the west side of Walnut Creek, up to the Dallas County Unincorporated city boundary.

Justification: This future trail segment, approximately 3,600 ft. in length, would connect the new neighborhoods north of the Walnut Creek Regional Park to the trail system and to the Regional Park, and would also extend the system northwesterly towards a connection to the Cities of Grimes and Dallas Center.

Project Status: Plans need to be developed.

Effect on Operating Budget: Increase approximately \$1,200 a year to maintain the trail.

PARKS**Barrett Boesen Park and Natural Playscape**

PK20-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	65.0			25.0			40.0
Acquisition	-						
Construction	670.0			170.0			500.0
Storm Wtr Cnst.	-						
TOTAL	735.0	-	-	195.0	-	-	540.0

FUNDING SOURCES							
Capital Projects	635.0			95.0			540.0
Private Donation	100.0			100.0			
	-						
TOTAL	735.0	-	-	195.0	-	-	540.0

Description: The 7.82 acre Barrett Boesen Park is located at the corner of Waterford Road and 156th Street. In 2021 a master plan design was completed for the park. Phase I is currently under construction and should be completed in early 2022. Phase II of the project would include a 30 ft. steel truss bridge over the creek tributary on the east side of the park, along with a concrete trail to connect it to the existing trail on the east side of the park to the trail and park amenities on the west side. This would provide a direct link to the neighborhoods on the east to the park. Future phases of the project would include storm water infrastructure, internal trails, north entrance with art sculpture, water play area, obstacle course, rope tunnel, bioretention basin, rain garden, and a gravel pit/play area.

Justification: A natural playscape is a play environment that consists of elements and textures from the earth such as tree logs, tree stumps, boulders, plants, drainage paths, among others instead of a traditional steel playground or plastic structure that includes slides and climbers. Barrett Boesen Park will provide a regional destination for nature-based programming and environmental stewardship. The park currently includes a creek lined with trees and presents outstanding opportunities for natural play and lends itself to a design that brings a sense of place, recreation, inclusiveness, and outdoor education.

The 156th Street and Waterford Road has been a new development area for city growth as well as the park system. The natural playscape is the first unique amenity of its kind in Urbandale, and only two other of its size and scope can be found in the DSM Metro Area. (Jester Park and the Brenton Arboretum.) This park is within three miles of five elementary schools.

Phase I (\$571K) of this project is anticipated to be completed in 2022 and include a 24-stall parking lot, open shelter with restroom, ADA accessible trails to different 'play pods' elements, landscaping, water play elements, and site furnishings.

Phase II, 2024 (\$170K): would include a 30 ft. steel truss bridge over the creek tributary on the east side of the park, along with a concrete trail to connect it to the existing trail on the east side of the park to the trail and park amenities on the west side

Phase III, 2026+: would include storm water infrastructure, internal trails, north entrance with art sculpture, water play area, obstacle course, rope tunnel, bioretention basin, rain garden, gravel pit/play area.

Project Status: Final plans and construction drawings need to be developed and bid documents created. Staff will seek grants and private funding to offset a portion of the costs for future phases of the project.

Effect on Operating Budget: Effect on the operating budget will be determined once the park has been opened and maintenance costs realized.

PARKS**Dog Park w/ Parking Lot**

PK20-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	600.0	600.0					
Storm Wtr Cnst.	-						
TOTAL	600.0	600.0	-	-	-	-	-
FUNDING SOURCES							
Capital Projects	600.0	600.0					
GOB	-						
TOTAL	600.0	600.0	-	-	-	-	-

Description: Proposed is the construction of a 3-acre dog park located at the North Plant site, north of the interstate and east of 72nd street. The project would include fencing around the park, separate sections for large and small dogs, and double gated entrance, landscaping, signage, and a drinking fountain. The project would also include a 24-stall parking lot, paved driveway and sidewalk to the dog park entrance, crushed rock path within the park, tiling and sub grade work, water service, and storm water trenching.

Justification: There has been a significant demand from the community for many years for a dog park in Urbandale, and it ranked as a high priority in the 2018 Parks, Recreation and Open Space Master Plan. Previous attempts in developing a dog park in the community have not been successful. With the impending demolition of the North Plant site, north of the I-35/80 interstate, staff believes it would be a favorable location for this much desired amenity.

Project Status: Preliminary design plans have been completed. Final construction drawings would need to be completed.

Effect on Operating Budget: There will be ongoing operating costs for the dog park, including providing dog waste bags for patrons, mowing and upkeep of the site.

PARKS

Flushable Restrooms in Parks

PK21-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	90.0			50.0			40.0
Acquisition	-						
Construction	625.0			300.0			325.0
Storm Wtr Cnst.	-						
TOTAL	715.0	-	-	350.0	-	-	365.0
FUNDING SOURCES							
GOB	715.0			350.0			365.0
	-						
TOTAL	715.0	-	-	350.0	-	-	365.0

Description: Proposed is the construction of an open shelter with modular restroom at select parks in Urbandale. These facilities would be connected to sanitary sewer, water, and electrical service.

Justification: A high priority identified in the 2018 Parks and Open Space Master Plan is to provide flushable restroom facilities in parks. Flushable restrooms with open shelters at Deer Ridge West Park and Murphy Park were completed in 2021, as well as at Barrett Boesen Park and Natural Playscape. In 2024 a restroom is proposed for South Karen Acres Park. The existing restroom at this park is over 25 years old, and in need of replacement. Existing utilities (electric, water, and sewer) could be used at this site.

Project Status: Similar design plans that are used for the previous restrooms could be used for future projects.

Effect on Operating Budget: Slight increase in costs, for servicing and maintenance of the restrooms.

PARKS

Jackaline Baldwin Dunlap Park and Arboretum

PK19-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	205.0			30.0			175.0
Acquisition	-						
Construction	1,161.0			191.0			970.0
Storm Wtr Cnst.	-						
TOTAL	1,366.0	-	-	221.0	-	-	1,145.0
FUNDING SOURCES							
GOB	683.0			110.5			572.5
Dunlap Found.	683.0			110.5			572.5
	-						
TOTAL	1,366.0	-	-	221.0	-	-	1,145.0

Description: Phase IV of the multi-phased Dunlap Park and Arboretum Master Plan is titled the ‘Memorial Perennial Garden’ and would be located just west of the maintenance building and Patricia Drive entrance. This garden is a main focal point of the park and proposed in this project is a mixture of annual flowers, perennial plants, paver hardscapes, and sitting benches. Phase V, titled “Bioswale and Drainage Improvements” is a project designed to handle the surface water coming off East Patricia Drive, funneling through a concrete flume and distributing into an undeveloped green space to the west. The project would provide a natural mechanism called a bioswale, filled with plant material that would filter the ground water and disperse it into the park naturally.

Justification: Paul and Jackeline Dunlap donated the 12-acre park and arboretum to the City in 2012. The City Council approved a Master Plan for the Jackaline Baldwin Dunlap Park and Arboretum in 2018, which provides a strategic plan for the future development of the site.

Phase I (\$80k): of the Master Plan was completed in the spring of 2019, and included a maintenance entrance and security gate at the north Patricia Drive entrance, as well as a “North Overlook” and seating area. This phase was fully funded by the Dunlap Foundation.

Phase II (\$195K): which includes the Memorial Courtyard Improvements off Patricia Drive and drainage improvements was completed in the late 2021.

Phase III (70K): which includes the development of a primary entry and welcome kiosk off the parking lot at the end of Sherry Lane, and seating area, was completed in the late 2021.

Phase IV, 2024 (\$221K): would include the development of a “Memorial Perennial Garden”.

Phase V, 2026+: future projects outlined in the Master Plan include prairie restoration, bioswale, drainage improvements, rain garden, flushable restroom, and south overlook. The projects included in the Master Plan are anticipated to be a 50/50 sharing of cost between the City and the Dunlap Foundation.

Project Status: A design needs to be developed and bid documents created.

Effect on Operating Budget: The annual cost effect will be determined after the plans are developed. Anticipated project costs are expected to be split evenly between the City and the Dunlap Foundation.

PARKS

Lions Park Sprayground

PK22-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	60.0		60.0				
Acquisition	-						
Construction	640.0		640.0				
Storm Wtr Cnst.	-						
TOTAL	700.0	-	700.0	-	-	-	-
FUNDING SOURCES							
GOB	700.0		700.0				
	-						
	-						
TOTAL	700.0	-	700.0	-	-	-	-

Description: Proposed is the construction of a fully ADA accessible sprayground at Lions Park. This feature would be located to the east of the shelter facility, where the old wading pool used to be located. The sprayground is anticipated to have a variety of equipment types such as: static spray features that splash users with a variety of spray effects; kinetic features that use the motion of the equipment for more animated water displays; and user-powered features that invite interaction with the equipment, through pedaling, cranking, or rocking; to generate a water spray. Current design standards for splash pads have no standing water within the play areas and eliminates the need for certified lifeguards.

Justification: With the pool closing in 2021, and a recreation complex proposed in the Walnut Creek Regional Park, there is a desire to provide a water themed recreation amenity for patrons in the eastern portion of our community. Lions Park is one of our highest used parks in the park system and the sprayground would replace the previous concrete bowl wading pool that was removed due to its age and no longer meeting state code. In addition, splash pads can be operated without certified lifeguards or staff, making it a lower cost amenity than other water features in parks. Lions Park would be our initial sprayground project. Based on the success of this project, we would look for other possible park locations within the city to consider adding spraygrounds. Size, cost, and complexity, as well as access to utilities and a parking lot, would need to be evaluated to determine viability at other park locations.

Project Status: Plans would need to be developed.

Effect on Operating Budget: Operating costs would include water usage and maintenance of the sprayground equipment.

Effect on Operating Budget: Minimal effect on the budget.

PARKS

Northpark Corridor Park

PK22-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	23.0		23.0				
Acquisition	-						
Construction	147.0		147.0				
Storm Wtr Cnst.	-						
TOTAL	170.0	-	170.0	-	-	-	-
FUNDING SOURCES							
Capital Projects	11.5		11.5				
Private	158.5		158.5				
	-						
TOTAL	170.0	-	170.0	-	-	-	-

Description: Proposed is the development of an approximately five acre park area on land owned by Delta Dental of Iowa, and immediately east of the headquarters building, located at 8900 Northpark Drive. The City would negotiate a long-term lease for this property, and the area would be developed into a park area that would be open to the public and focus on servicing the daily employee population along Northpark Drive, Plum Drive and other nearby business areas. The project would include an approximately 875 foot long, 6-foot-wide trail around the site, which would provide an extended walking loop that adds to the existing trail within the Delta Dental and Rain and Hail insurance campuses. A four-acre open play field would be graded and seeded at the site, to provide recreational play opportunities for the community to use on a first-come/first-served basis. Also included on the site would be a plaza area with an open shelter, picnic tables, and drinking fountain. The plaza would link up to the existing parking lot area to provide ADA access. This area could be used for a relaxing lunch-time break, after-work recreation, corporate or community events and/or food truck event opportunities.

Justification: The City has been working closely with the business community in Urbandale and looking for ways to work together to enhance the attractiveness of the Urbandale community for workforce. The businesses in the Northpark Drive area have indicated a desire to provide their employees additional recreational opportunities during the workday, and unique benefits that might draw more workers to Urbandale. Providing an outdoor, shaded plaza area where employee could come to relax and enjoy lunch or walk and enjoy the trail during their breaks would be a great benefit. A desire to enhance the Northpark and Plum Drive business corridors is part of the justification for including a focus area on these corridors in the Comprehensive Plan update. Delta Dental and Rain and Hail insurance already have a walkway system throughout their campuses and adding this 875-foot trail link would provide a loop route that would be appealing for employees of the entire area. The project would also include grading and seeding an open play field approximately 4 acres in size in the center of the proposed trail loop. This area would be open to the public and would be a great location for recreational activities in the afternoons and evenings. It is anticipated that the majority of the project would be funded through private funds, with the City coordinating the development of the project and providing the ongoing maintenance for the park, through the term of the lease agreement. Proposed is for the design fees for the project to be shared between the City and private funding.

Project Status:

Design plans would need to be developed. Project component estimates include: Grading of the site (\$55K), 875 ft long, 6 ft wide walking path (\$30K), open shelter with concrete pad (\$50K), Seeding - Park turf grade (\$6K), Trees/landscaping (\$6K)

Effect on Operating Budget: Costs would include maintaining the site, including mowing and turf maintenance, turf chemical application, garbage pickup, etc.

PARKS**Utility Installation to Various Parks**

PK19-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	775.0	85.0	90.0	75.0	75.0	75.0	375.0
Storm Wtr Cnst.	-						
TOTAL	775.0	85.0	90.0	75.0	75.0	75.0	375.0
FUNDING SOURCES							
Capital Projects	775.0	85.0	90.0	75.0	75.0	75.0	375.0
	-						
	-						
TOTAL	775.0	85.0	90.0	75.0	75.0	75.0	375.0

Description: Provide utility access to enhance existing park spaces and include with the design of new park spaces.

Justification: A high priority identified in the 2018 Parks and Open Space Master Plan is to enhance key parks with updated amenities, including access to utilities (i.e., electricity, water, and sewer.) Staff would evaluate which parks could best accommodate the utility enhancements, to complement existing and future park development.

In 2022, electrical and water service installation is planned for Sharon Heights Park in preparation for an open shelter installation. Also planned, is electrical for Bent Creek Ridge Open Shelter and automatic door locks for restrooms in South Karen Acres and Walker Johnston Parks.

Future locations of water, sanitary sewer, and electrical service installation at Urbandale parks are being determined.

Project Status: Plans need to be developed.

Effect on Operating Budget: Minimal effect on the budget.

PARKS**Walker Johnston Park:
Skateboard Park Improvements**

PK21-04	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
PURPOSE							
Design	50.0	50.0					
Acquisition	-						
Construction	200.0		200.0				
Storm Wtr Cnst.	-						
TOTAL	250.0	50.0	200.0	-	-	-	-
FUNDING SOURCES							
GOB	250.0	50.0	200.0				
	-						
	-						
TOTAL	250.0	50.0	200.0	-	-	-	-

Description: Proposed is an updating and renovation of the Walker Johnston Skateboard Park. When the park was initially constructed in 2004, the City engaged the community and skateboarders of all ages to help design and plan the skate park. It needs repairs and renovation. Proposed with this project would be to hire a consultant and get input from the local skateboard patrons to redesign and update the existing skateboard park. Construction of the new designed facility would be proposed for the following year.

Justification: The Walker Johnston Skateboard Park was constructed in 2004 and many of the park's features are showing considerable wear and deterioration, which will lead to safety issues. There is support from the skateboard community to update and improve the skateboard park and address maintenance issues of the existing components in the skateboard park. A cost for the skateboard park improvements would be determined by the consultant who does the design plans. Estimated \$200K.

Project Status: Design plans would need to be developed and bid documents created.

Effect on Operating Budget: Upon completion, there should be a minimal effect on the budget.

PARKS

**WJP Softball Complex Improvements:
Fence Replacement & Field Light Conversion**

PK21-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	690.0						690.0
Storm Wtr Cnst.	-						
TOTAL	690.0	-	-	-	-	-	690.0
FUNDING SOURCES							
GOB	690.0						690.0
	-						
	-						
TOTAL	690.0	-	-	-	-	-	690.0

Description: Proposed is the replacement of the chain link fencing at all four of the softball fields and conversion of the field lights to LED at the Walker Johnston Softball Complex.

Justification The fencing at the softball complex was installed in the mid-1980's and is showing evidence of wear and deterioration. Currently there is no bottom rail on the 10-foot outfield fencing, and this has led to the bottom rolling up and causing safety issues. The pole structure for the fencing is in good condition and therefore the project would require only the replacement of the chain link fencing, along with installing a bottom rail on the 10ft outfield sections.

The Walker Johnston Complex field lighting was installed in 2003 for fields 3 and 4, and 2004 for fields 1 and 2. They are high pressure vapor bulb lighting, and when installed the lighting met the industry standard. The lights have become out of date, requiring increased maintenance. The bulbs are also expensive to replace. Additionally, the lighting coverage is inconsistent and illuminates well outside the intended area of the ball fields. The proposed conversion to LED lights would reduce the current annual operating costs (\$8,000) by an estimated 60%, and provide for more specific directional focus and better illumination of the intended area. The lighting project would also include a Control-Link System, providing for flexibility in control and performance monitoring.

Project Status: Phase I, in 2021 (\$75K): included replacing chain link fabric on four (4) backstop areas, installing swing gates on all eight (8) dugout entries, installing four (4) new maintenance gates, replacing 1,575 liner feet of 4' fence fabric located along the 1st and 3rd base-lines and replacing 350 liner feet of 10' outfield fencing.

Phase II, in Unprogrammed (\$105K): would replace 2,400 liner feet of chain-link fabric along the 10' high outfield fence (\$90K) and install bottom railing along the outfield fence (\$15K).

Phase III, in Unprogrammed (\$585K): would convert the existing high pressure vapor lights on all four fields to LED lights. Each of the four fields has six poles, which would remain to support the new lighting. The conversion would consist of removing the old light clusters and replacing with LED fixtures. The existing light poles and wiring would be reused. The project would also include a control-Link system, which would allow for controlling, scheduling, and monitoring the system.

Effect on Operating Budget: Minimal effect on the budget.

PARKS

Water Trails Projects

PK22-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	90.0	50.0					40.0
Acquisition	-						
Construction	535.0		375.0				160.0
Storm Wtr Cnst.	-						
TOTAL	625.0	50.0	375.0	-	-	-	200.0
FUNDING SOURCES							
GOB	625.0	50.0	375.0				200.0
	-						
	-						
TOTAL	625.0	50.0	375.0	-	-	-	200.0

Description: Proposed is the installation of respite and wading areas along Walnut Creek at the Walker Johnston Park and the Walnut Creek Regional Park. The proposed improvements are aimed at enhancing the user experience for visitors and introducing patrons into the water. Plans for both sites would incorporate stair creek access and interpretive signage and plans for Walker Johnston Park would also introduce outdoor learning space. These projects are part of a regional Greater Des Moines Water Trails and Greenways Master Plan.

Justification: The Des Moines Area Metropolitan Planning Organization, in collaboration with communities throughout the Greater Des Moines Area, developed a Water Trails Master Plan in 2016. This regional master plan encompasses 150 miles of creeks, 9 rivers and creeks, and 145+ proposed amenities throughout the metro area. It provides a regional vision, which states “water trails and greenways of Greater Des Moines will be a natural haven, healthy ecosystem, signature recreational destination, economic driver, and community focal point that welcome people of all ages, abilities, interests, incomes, and cultures to connect with their rivers, creeks, and greenways.”

Project Status:

Phase I: The first creek access project within Urbandale will be located in the Barrett Boesen Park and Natural landscape and is anticipated to be completed in early 2022. The project includes limestone stair creek access to provide opportunities to interact with the water and other existing park amenities.

Phase II, 2022 (\$50K): consists of the design plan to determine the improvements along North Walnut Creek in Walker Johnston Park.

Phase II, 2023 (\$375K): would be located along the North Walnut Creek in Walker Johnston Park, on both the west and east side of the creek, near the tree house area. This project would include the construction of limestone stairs on the east side of the creek area, which would allow patrons to access the water. The project would also include access from the existing paved trail on the west side of the creek to the water, as well as a respite area and outdoor classroom/learning space.

Phase III, 2026+ (\$200K): would be in the Walnut Creek Regional Park along the east side Walnut Creek in the, just south of Aurora Avenue. This project would provide for limestone stairs to access the creek, interpretive signage, and an accessible path from the existing trail to the creek.

Effect on Operating Budget: Ongoing maintenance of each site anticipated to be \$2,000 - \$3,000 annually.

PARKS

Waterford Park – Disk Golf Expansion

PK22-04 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	15.0			15.0			
Storm Wtr Cnst.	-						
TOTAL	15.0	-	-	15.0	-	-	-
FUNDING SOURCES							
GOB	15.0			15.0			
	-						
	-						
TOTAL	15.0	-	-	15.0	-	-	-

Description: Proposed is the installation of an expansion to the existing 13 hole disc golf at Waterford Park. The project would include adding 5 holes to the parkland north of Waterford Road and expand the disc golf course to a total of 18 holes. The project would include grading and site work, installing disc golf baskets, concrete tee boxes, landscaping, and signage.

Justification: The existing 13 hole disc golf course at Waterford Park, located at 156th street and Waterford Road, was installed in 2018 and has been a very popular amenity to the Urbandale Park system. In 2020, the city acquired additional parkland to the north of Waterford Road, which provides a unique opportunity to expand the disc golf course to a total of 18 holes. Patrons would be able to take the trail that runs under Waterford Road to safely access the additional 5 holes to the north.

Project Status: Plans need to be developed.

Effect on Operating Budget: Minimal impact on the budget.

PK06-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	1,076.0		1,076.0				
Storm Wtr Cnst.	-						
TOTAL	1,076.0	-	1,076.0	-	-	-	-

FUNDING SOURCES							
GOB	1,076.0		1,076.0				
	-						
TOTAL	1,076.0	-	1,076.0	-	-	-	-

Description: Proposed is the installation of a park roadway system within the Walnut Creek Regional Park. The first phase of the project was completed in 2014, and plans propose for the continued expansion in 2023. In order to prohibit use of the road when the park is closed, a gate was installed south off of Aurora Avenue in 2015.

Justification: As park use develops, it is necessary to provide a continuous vehicular access system through the developed areas. A 100 car parking lot was constructed along the park access road in 2020, and a large open shelter was constructed in 2021. Douglas Parkway is a main arterial in Urbandale, and Phase II of the park access road will be important to provide access to these amenities and the entire park.

Project Status: Phase I, 2014: of the roadway was completed. This provided a parking lot just north of Aurora Avenue, and an access road south of Aurora Avenue to just south of 147th street.

Phase II, 2023 (\$1,076K): Would construct a park access road north from Douglas Parkway to connect to the existing access road south of Aurora Avenue. Timing for this phase of the project is dependent on development at the 142nd round-about, which is necessary to provide access to the park roadway.

Effect on Operating Budget:

The annual cost effect will be determined after the road is constructed.

WCRP**Park Shelters - Open-Air Shelters**

PK06-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0				35.0		
Acquisition	-						
Construction	200.0				200.0		
Storm Wtr Cnst.	-						
TOTAL	235.0	-	-	-	235.0	-	-

FUNDING SOURCES							
GOB	235.0				235.0		
Parkland	-						
TOTAL	235.0	-	-	-	235.0	-	-

Description: Proposed is the construction of one remaining open shelter in the regional park. The first shelter, constructed in 2016, is located north of Aurora Avenue and accommodates 40 persons. In 2021 a larger open shelter was constructed south of Aurora Avenue along 147th street, along with a 100 stall parking lot. The final shelter would be located at the south end of the regional park, in the Horizon's Ridge Park section, and include a small parking lot.

Justification: The shelters are necessary to optimize park use and provide a quality experience. Each shelter is located in a different section of the regional park and provide users with a unique location to gather for special occasions—celebrations, picnics, family gatherings, etc.

Project Status: In 2016 a small open shelter and parking lot were constructed north of Aurora Avenue and accommodates up to 25 people. In 2021 a large open shelter and restroom, along with a 100 car parking lot, were constructed on the east side of the park between Douglas Parkway and Aurora Avenue. This shelter and parking lot serve as a trail head as well as amenity that can be rented for events and can accommodate up to 100 people.

Shelter 3, 2025 (\$200), would include a small open shelter for 25 people (\$80K), located at the southwest portion of the park at the Horizon's Ridge playground. It would also include a small parking lot, with a paved entrance from the street to get to the parking lot. (\$120K).

All the shelters would be reserved as rental facilities for organized gatherings; and when not reserved would be on a first come basis.

Effect on Operating Budget: Minimal effect on the budget.

WCRP**Regional Park Shelter – Enclosed Shelter / Nature Center- 152nd Street and Meredith Drive**

PK06-04 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	215.7						215.7
Acquisition	15.0						15.0
Construction	2,875.0						2,875.0
Storm Wtr Cnst.	-						
TOTAL	3,105.7	-	-	-	-	-	3,105.7

FUNDING SOURCES							
GOB	215.7						215.7
Bond Referendum	2,875.0						2,875.0
General	15.0						15.0
TOTAL	3,105.7	-	-	-	-	-	3,105.7

Description: Proposed is the construction of an enclosed regional park shelter to include a nature center, in the ‘facilities area’ of the Walnut Creek Regional Park, east of 152nd Street, south of Meredith Drive, and west of Walnut Creek. This project would also provide for the construction of a 100 stall parking lot to accommodate the regional shelter and general park users.

Justification: The need for an enclosed shelter in the community is significant. As envisioned, a regional shelter would provide a facility for approximately 100-150 persons, and would be approximately 4,000-5,000sf. It would be equipped with a kitchen and interior restrooms. The parking area would accommodate the shelter patrons and general park users, and is essential to use the park facilities. The nature center would be used for educational purposes and would provide an area for park users and students to study the natural resources of the area. Retaining the natural areas would also reduce long-term maintenance costs.

Project Status: Unprogrammed: Preliminary design (\$75.5K) in preparation for the bond referendum election (\$15K). Final design and construction plans (\$3,015.2K). The cost estimates for Design and Construction anticipate energy efficiency initiatives.

Effect on Operating Budget: The annual cost effect will be determined after the plans are developed.

PK09-04 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	513.0	250.0					263.0
Storm Wtr Cnst.	-						
TOTAL	513.0	250.0	-	-	-	-	263.0

FUNDING SOURCES							
GOB	513.0	250.0					263.0
	-						
	-						
TOTAL	513.0	250.0	-	-	-	-	263.0

Description: Proposed is a support network of interior trails to access within the Walnut Creek Regional Park, and to connect to exterior trails. The development of the interior trail system would be phased and is dependent on other factors, which include property acquisition, and the development of the interior road system, as detailed in this CIP document. The interior trails will be 8 feet wide.

Justification: An interior trail system is needed to access areas developed near neighborhoods, and tie into the main trail spine, which will allow access through the park and to other amenities planned for this regional park. In 2009, the trail in the SW quadrant, east side of the creek from Little Walnut Creek to Prairie Avenue was completed. In 2010, the 142nd Street connection to Douglas Parkway was completed. In 2012, during the Aurora Avenue street project, the trail link was completed under the bridge with stubs on the north and south sides. In 2013, the “Bob Layton Trail”, which is the main trail spine through the park, was completed. In 2014, a trail between the Glynmore development to the Horizons Ridge trail in the Regional Park was completed. In 2019, with the construction of the new fire station #43 in the WCRP, 500 ft. of sidewalk was removed and replaced along Meredith to provide a safer pedestrian and bicycle access to this new fire station. In 2020, a trail along 152nd from Meredith Dr. to Aurora Ave. was completed.

The trail project proposed for 2022 is called the “Pedestrian Loop” and would be located south of Aurora Avenue, and would be isolated from the remainder of the park. An 8 ft. trail (2,500 ft.) around the perimeter would take advantage of the perimeter environs, and if properly designed and landscaped could make the park feel larger.

Project Status: The design of the Pedestrian Loop trail is in the planning stage.

Unprogrammed (\$263K): in the south center area, between the Little Walnut Creek and the Walnut Creek. This project would include one bridge and provide a trail connection from the east side of the creek to connect to the Bob Layton Trail. The one remaining priority land acquisition is essential to complete this project.

Effect on Operating Budget: Depending on the trail length and location, increase approximately \$1,000 to \$2,500 a year to maintain the trails.

BRIDGE**Urban Hills Bridge Over Walnut Creek**

BR15-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	150.0				150.0		
Acquisition	-						
Construction	1,170.0				1,170.0		
Storm Wtr Cnst.	-						
TOTAL	1,320.0	-	-	-	1,320.0	-	-

FUNDING SOURCES							
GOB	825.0				825.0		
Private - Developer	495.0				495.0		
	-						
TOTAL	1,320.0	-	-	-	1,320.0	-	-

Description: Proposed is a new bridge over Walnut Creek in the Urban Hills development. This bridge is a necessary connection between neighborhoods north of Waterford Road and west of 156th Street.

Justification: This will be a needed neighborhood connection in this area.

Project Status: A development agreement was approved by the City Council on May 26, 2015, with the Urban Hills Plat 1 development, to fund 1/8 of the bridge cost. A future agreement is expected to be reached with developments to the north of Walnut Creek for a ¼ share of cost in the bridge.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

Hazard Mitigation Project: Tentatively designated by City staff as an eligible project.

BRIDGE**Waterford Road Bridge – Over Walnut Creek West of 170th Street**

BR21-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed
		2022	2023	2024	2025	2026	2027-31
Design	100.0						100.0
Acquisition	-						
Construction	850.0						850.0
Storm Wtr Cnst.	-						
TOTAL	950.0	-	-	-	-	-	950.0

FUNDING SOURCES							
GOB	950.0						950.0
Private - Developer	-						
TOTAL	950.0	-	-	-	-	-	950.0

Description: In 2016, the City completed the Waterford Road Corridor Study, which looked at extending Waterford Road west of 170th Street. Five different routes were examined and a preferred alignment was selected. This project would provide for construction of a triple box culvert over Walnut Creek.

Justification: This will be a needed arterial connection in this area.

Project Status: A development agreement will be needed to move this project forward.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

Hazard Mitigation Project: Tentatively designated by City staff as an eligible project.

SIDEWALKS**ADA Pedestrian Access Route Transition Plan**

SI18-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0
Storm Wtr Cnst.	-						
TOTAL	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0

FUNDING SOURCES							
GOB	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0
	-						
TOTAL	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0

Description: Proposed is a 15-year program to create accessible travel paths in the public right-of-way for persons with disabilities.

Justification: The pedestrian accessible routes are required by the Americans with Disabilities Act (ADA).

Project Status: The City completed an evaluation study in mid-2017. The evaluation included, but was not limited to sidewalks, curbs, curb ramps, and pedestrian signals provided in the public right-of-way. The inventory of project locations was prioritized over 15 years—from 2018 through 2032. The City Council approved the Pedestrian Access Route Transition Plan at its meeting of July 5, 2017. Construction of the first ADA project was completed in 2019.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

SIDEWALKS**Hickman Railroad Viaduct Trail Construction**

SI20-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0	35.0					
Acquisition	-						
Construction	770.0	770.0					
Storm Wtr Cnst.	-						
TOTAL	805.0	805.0	-	-	-	-	-

FUNDING SOURCES							
TIF (NWMC)	-						
Previously Issued		805.0					
	-						
TOTAL	-	805.0	-	-	-	-	-

Description: Proposed is the installation of a ten foot wide trail on the north side of Hickman Road near the new Parks and Public Works Maintenance Facility. To the east of the new facility is a railroad viaduct with limited room between the north curb line of Hickman Road and the bridge pier. In discussions with the railroad they stated that they would support placing the ten foot trail north of the bridge pier to get the trail away from Hickman Road. This would involve constructing a new retaining wall through this area. During 2021, the City worked with an engineering consultant to prepare a preliminary set of plans, have additional discussions with the railroad and prepare an updated cost estimate.

Justification: To the east of the new Parks and Public Works Maintenance Facility, the sidewalk is currently located on the back of the north curb line of Hickman Road. This is extremely close for pedestrians to walk next to fast moving traffic on Hickman Road. In addition, extra width is needed through this area to accommodate Parks & Recreation mowers that would want to exit the new facility without driving on Hickman Road for safety reasons. The Complete Street Masterplan also calls for the construction of a trail on the north side of Hickman Road, which would require this project to be completed.

Project Status: The railroad viaduct trail is currently being designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

SIDEWALKS

Various Locations

SI00-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0
Storm Wtr Cnst.	-						
TOTAL	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0

FUNDING SOURCES							
Spec Assmt	900.0		100.0	100.0	100.0	100.0	500.0
GOB	100.0	100.0					
	-						
TOTAL	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0

Description: Proposed is a new five-year program from 2022 through 2027+ to install approximately 50,000 linear feet of sidewalk throughout the community. Most of the new sidewalks will be west of 100th Street and address missing sidewalks on arterials and collector streets.

Justification: Completion of the in-fill or missing segments in the sidewalk system will provide for safe movement of pedestrians.

Project Status: Ongoing. As areas are identified and programmed for construction, the contributions from the funding sources will vary from the consistent amounts shown above for planning purposes. Most large sidewalk projects are constructed as part of the adjacent street construction project.

Effect on Operating Budget: This project will have minimal effect on the operating budget.



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STORM SEWER**Creek and Stream Drainage Improvements:
Various Locations**

SS02-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	-						
Storm Wtr Cnst.	3,500.0	350.0	350.0	350.0	350.0	350.0	1,750.0
TOTAL	3,500.0	350.0	350.0	350.0	350.0	350.0	1,750.0

FUNDING SOURCES							
Storm Water Utility Fur	3,500.0	350.0	350.0	350.0	350.0	350.0	1,750.0
GOB	-						
TOTAL	3,500.0	350.0	350.0	350.0	350.0	350.0	1,750.0

Description: The Storm Water Drainage Report, prepared by the Engineering and Public Works Department, documents the condition of Urbandale's creeks and streams. The report identifies the areas in need of repair and recommends various improvements. The Storm Water Utility Fund was created in FY2010-11 and is supported solely by user fees. This utility will provide funding to improve creeks and streams.

Justification: The report showed locations in need of repair and areas where potential problems exist or may occur in the future.

Project Status: On an annual basis, the City will design and construct improvements for various creeks and streams throughout the City.

Effect on Operating Budget: The improvements should reduce the operating budget since these projects should reduce emergency repairs to our creeks and streams throughout the City

Hazard Mitigation Project: Tentatively designated by City staff as an eligible project.

STORM SEWER Merle Hay Reinvestment District Stormwater Improvements Project

SS22-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	500.0	375.0	125.0				
Acquisition	500.0		500.0				
Construction	1,200.0		1,200.0				
Storm Wtr Cnst.	3,600.0		3,600.0				
TOTAL	5,800.0	375.0	5,425.0	-	-	-	-

FUNDING SOURCES							
Storm Water Utility	875.0	375.0	500.0				
LOSST	3,425.0		3,425.0				
EDA Grant	1,500.0		1,500.0				
TOTAL	5,800.0	375.0	5,425.0	-	-	-	-

Description: The City has the potential to receive an economic development grant as a part of the Merle Hay Mall redevelopment. Proposed is the installation of an improved storm sewer system in the area of Douglas Avenue and Merle Hay Mall. This project will improve the storm sewer conveyance volume and allow for additional future storm sewer improvements upstream.

Justification: A drainage study was completed in 2021, analyzing the storm sewer systems in eastern Urbandale. This project would upgrade the storm sewer system to current design standards. Major storm water conveyance infrastructure is needed to alleviate over-land flooding in the area. With the Merle Hay campus going under construction for the Buccaneer Arena and Training Center project, efficiencies and cost savings can be achieved through coordination of this project with the mall campus project.

Project Status: Project will need to be designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STORM SEWER**Intake Rebuilding Program**

SS14-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	-						
Storm Wtr Cnst.	1,000.0	250.0	250.0	250.0	250.0		
TOTAL	1,000.0	250.0	250.0	250.0	250.0	-	-

FUNDING SOURCES							
Storm Water Utility	1,000.0	250.0	250.0	250.0	250.0		
	-						
TOTAL	1,000.0	250.0	250.0	250.0	250.0	-	-

Description: Through the intake rebuilding program a total of 373 intakes were rebuilt from 2014 to 2021. This project would contract out the rebuilding of an additional 40 storm sewer intakes per year in 2022, 2023, 2024 and 2025.

Justification: In the past, Public Works rebuilt all failed intakes. By contracting out some of the rebuilds, it allows the City to catch up on the back log of failed intakes.

Project Status: 373 intakes were rebuilt in the last eight years. An inventory of all intakes has been completed, and intakes are inspected every four years for deficiencies. Approximately 40 intakes are reconstructed each year to maintain the system.

Effect on Operating Budget: The improvements should reduce the operating budget.

STORM SEWER**Oliver Smith Drive Storm Sewer
Improvements 72nd Street to 74th Street**

SS22-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	400.0						400.0
Acquisition	-						
Construction	1,400.0						1,400.0
Storm Wtr Cnst.	1,075.0						1,075.0
TOTAL	2,875.0	-	-	-	-	-	2,875.0

FUNDING SOURCES							
Storm Water Utility	1,075.0						1,075.0
GOB	1,800.0						1,800.0
TOTAL	2,875.0	-	-	-	-	-	2,875.0

Description: Proposed is the installation of an improved storm sewer system along Oliver Smith Drive between 72nd Street and 74th Street, Monroe Court between 72nd Street and 74th Street and Maryland Drive between Oliver Smith Drive and 72nd Street. This will be a multiple year project.

Justification: A drainage study was completed in 2021, analyzing the storm sewer systems in eastern Urbandale. This project would upgrade the storm sewer system to current design standards and add storm sewer sump services to all properties.

Project Status: Project will need to be designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STORM SEWER**Removal of Culverts on Old 100th Street
Right-of-Way Near Oakwood Drive**

SS21-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	200.0	200.0					
Storm Wtr Cnst.	-						
TOTAL	200.0	200.0	-	-	-	-	-

FUNDING SOURCES							
Storm Water Utility	200.0	200.0					
	-						
TOTAL	200.0	200.0	-	-	-	-	-

Description: In the mid 1990's, the City relocated 100th Street, north of Meredith Drive and the interstate. During that process, two roadway culverts were left in place with the old road bed removed. The proposal here is to remove the culvert and return them to open channel.

Justification: The two culverts are failing and created dangerous sink holes

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STORM SEWER**Roseland Drive Storm Sewer Improvements
Ashwood Drive to 74th Street**

SS22-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	325.0			325.0			
Acquisition	-						
Construction	1,100.0				1,100.0		
Storm Wtr Cnst.	1,050.0				1,050.0		
TOTAL	2,475.0	-	-	325.0	2,150.0	-	-

FUNDING SOURCES							
Storm Water Utility	1,050.0				1,050.0		
GOB	1,425.0			325.0	1,100.0		
TOTAL	2,475.0	-	-	325.0	2,150.0	-	-

Description: Proposed is the installation of an improved storm sewer system along Roseland Drive between Ashwood Drive and 72nd Street and Palm Drive between Roseland Drive and 72nd Street. This will be a multiple year project.

Justification: A drainage study was completed in 2021, analyzing the storm sewer systems in eastern Urbandale. This project would upgrade the storm sewer system to current design standards and add storm sewer sump services to all properties.

Project Status: Project will need to be designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STORM SEWER**66th Street Storm Sewer Improvements
Meredith Drive to Townsend Avenue**

SS22-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	400.0					400.0	
Acquisition	-						
Construction	1,325.0						1,325.0
Storm Wtr Cnst.	1,250.0						1,250.0
TOTAL	2,975.0	-	-	-	-	400.0	2,575.0

FUNDING SOURCES							
Storm Water Utility	1,250.0						1,250.0
GOB	1,725.0					400.0	1,325.0
TOTAL	2,975.0	-	-	-	-	400.0	2,575.0

Description: Proposed is the installation of an improved storm sewer system along 66th Street between Meredith Drive and Townsend Avenue, 65th Street between Meredith Drive and Townsend Avenue and Townsend Avenue from 66th Street to 70th Street. This will be a multiple year project.

Justification: A drainage study was completed in 2021, analyzing the storm sewer systems in eastern Urbandale. This project would upgrade the storm sewer system to current design standards and add storm sewer sump services to all properties.

Project Status: Project will need to be designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.



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STREET**Annual Street Rehabilitation Program**

ST08-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	25,405.2	2,251.0	1,918.5	2,388.1	2,459.8	2,533.5	13,854.3
Storm Wtr Cnst.	-						
TOTAL	25,405.2	2,251.0	1,918.5	2,388.1	2,459.8	2,533.5	13,854.3

FUNDING SOURCES							
Road Use	25,405.2	2,251.0	1,918.5	2,388.1	2,459.8	2,533.5	13,854.3
	-						
	-						
TOTAL	25,405.2	2,251.0	1,918.5	2,388.1	2,459.8	2,533.5	13,854.3

Description: Proposed is an annual street rehabilitation program to provide full depth patching at locations identified in the 2021 Pavement Management Report. The report serves as the foundation to identify annual and future street rehabilitation projects.

Justification: This annual rehabilitation program will delay total reconstruction and decrease long term maintenance costs. The projects will supplement the Public Works activities to improve the pavement ratings set out in the Pavement Management Report.

Project Status: This will be an ongoing program that is bid out annually.

Effect on Operating Budget: The operating budget will decrease due to the Annual Street Rehabilitation Program decreasing the amount of temporary repairs City crews will be required to perform on an annual basis.

STREET**Aurora Avenue Preservation:
86th Street to Tanglewood Drive**

ST22-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	250.0		250.0				
Acquisition	-						
Construction	2,000.0		2,000.0				
Storm Wtr Cnst.	-						
TOTAL	2,250.0	-	2,250.0	-	-	-	-

FUNDING SOURCES							
GOB	1,850.0		1,850.0				
Road Use	400.0		400.0				
	-						
TOTAL	2,250.0	-	2,250.0	-	-	-	-

Description: Proposed is the patching and reconstruction in the most deteriorated sections of Aurora Avenue from 86th Street to Tanglewood Drive.

Justification: This section of Aurora Avenue has several bad joints in the pavement. This project will patch the pavement and then place an asphalt overlay over the street.

Project Status: Project will need to be designed.

Effect on Operating Budget: This will decrease the ongoing maintenance needed for the existing street.

**STREET Aurora Avenue, 104th Street / Sutton Drive / 100th Street
Widening Project – NW Urbandale Drive to Plum Drive**

ST15-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	500.0	500.0					
Acquisition	-						
Construction	3,000.0	2,000.0	1,000.0				
Storm Wtr Cnst.	400.0	200.0	200.0				
TOTAL	3,900.0	2,700.0	1,200.0	-	-	-	-

FUNDING SOURCES							
TIF (NWMC)	3,400.0	2,200.0	1,200.0				
Previous issue	500.0	500.0					
	-						
TOTAL	3,900.0	2,700.0	1,200.0	-	-	-	-

Description: Proposed is the widening of Aurora Avenue, 104th Street, Sutton Drive / 100th Street from NW Urbandale Drive to Plum Drive to a three lane roadway in 2022. The street is currently 31 feet wide and needs to be widened to 37 feet wide to allow for one lane in each direction plus left turn lanes at intersections.

Justification: A traffic study has been completed by HR Green to verify what capacities are needed for this roadway. This study supports the proposed project. The new interchange at 100th Street opened in October of 2018.

Project Status: This project is in the design phase.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Aurora Avenue:
86th Street to 70th Street – On-Street Bike Lanes**

ST21-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	72.5		72.5				
Acquisition	-						
Construction	725.0		725.0				
Storm Wtr Cnst.	-						
TOTAL	797.5	-	797.5	-	-	-	-

FUNDING SOURCES							
GOB	797.5		797.5				
	-						
	-						
TOTAL	797.5	-	797.5	-	-	-	-

Description: This project will add bike lanes on Aurora Avenue from 86th Street to 70th Street. Aurora Avenue would be reduced from 4 lanes to 3 lanes from 86th Street to 70th Street.

Justification: The installation of a new HMA overlay and pavement markings will be used to designate the travel lanes and bike lanes. Aurora Avenue has been identified as a short-term priority in the 2019 Urbandale Complete Streets Master Plan.

Project Status: Project has not been designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Aurora Avenue:
128th Street to 142nd Street**

ST06-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	580.0						580.0
Acquisition	250.0						250.0
Construction	3,744.2						3,744.2
Storm Wtr Cnst.	679.8						679.8
TOTAL	5,254.0	-	-	-	-	-	5,254.0

FUNDING SOURCES							
Capital Projects	923.6						923.6
Spec Assmt	337.2						337.2
Grimes	3,993.2						3,993.2
TOTAL	5,254.0	-	-	-	-	-	5,254.0

Description: Proposed is the paving of Aurora Avenue from 128th Street to 142nd Street. Phase I, completed in 2010, paved a quarter mile along the frontage of the Webster Elementary School and Jeff Harm Park. Phase II was constructed in 2018, which constructed sidewalks on the south side of Aurora Avenue from 128th Street to 138th Street. Phase III to complete this roadway is currently unprogrammed.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: This project is a rural cross section road that is in need of reconstruction due to its traffic volumes.

Project Status: The project is in the development stage.

Phase II (2018), has been completed and is the extension of the box culvert, storm sewer work, and earthwork for the installation of a sidewalk on the south side of Aurora Avenue from 128th Street to 138th Street.

Phase III Unprogrammed, is the total completion of this project, and would construct a five-lane roadway starting one quarter mile west of 128th Street and extend to 142nd Street. Approximately 67% of Phase III is currently in the City of Grimes.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Community Entrance Signage**

ST16-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	300.0	30.0	30.0	30.0	30.0	30.0	150.0
Acquisition	-						
Construction	2,100.0	270.0	270.0	420.0	270.0	270.0	600.0
Storm Wtr Cnst.	-						
TOTAL	2,400.0	300.0	300.0	450.0	300.0	300.0	750.0

FUNDING SOURCES							
GOB	1,500.0			150.0	300.0	300.0	750.0
TIF	600.0	300.0	300.0				
Prev. Issue	300.0			300.0			
TOTAL	2,400.0	300.0	300.0	450.0	300.0	300.0	750.0

Description: Proposed is the installation of community entrance signage at key locations throughout Urbandale.

Justification: In 2018, Urbandale hired Confluence Landscape Architects to prepare a masterplan for Urbandale's Community Entrance Signage. Urbandale is contiguous to other cities and its corporate boundaries are not consistently marked to distinguish Urbandale from other suburban cities. Community entrance signage would identify Urbandale for visitors and area residents, convey a welcoming entrance to Urbandale, and promote community identity and support economic development initiatives.

Project Status: In 2019, the masterplan was completed and received by the City Council. The first phase of construction of the community entrance signage was in 2020 at 100th Street and Hickman Road and at 156th Street at our south corporate limit. In 2021, two monuments were placed at the 100th Street Interchange and two monuments were placed at the Meredith Drive Interchange. In 2022 signage will be placed on NW Urbandale Drive by the Interchange, 100th Street and 54th Avenue, and 128th Street at the north corporate limits. In 2023 signage will be placed at 86th Street and Northpark Drive, the 86th Street Interchange and 104th Street and Hickman Road. In 2024, signage will be placed at 86th Street and Hickman Road, 128th Street and Hickman Road, 142nd Street and Hickman Road, and 170th Street and Meredith Drive.

Effect on Operating Budget: None anticipated since signage would be durable for weather extremes with no maintenance required. There are no plans for the City to install lighting or seasonal plantings at the signs which would be labor intensive to maintain.

STREET**Douglas Avenue Redevelopment**

ST21-02 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	-	-	-	-	-	-	-

FUNDING SOURCES							
GOB	-						
TIF	-						
Prev. Issue	-						
TOTAL	-	-	-	-	-	-	-

Description: Redevelopment of the Douglas Avenue corridor has been identified by the City Council as a top priority during their recent strategic planning process. The redevelopment efforts would include a comprehensive examination of land-use, zoning, housing opportunities and overall business development. Once the City's Comprehensive Plan is updated for this area, any public capital improvements identified in the plan will be incorporated into this page along with anticipated project costs.

Justification: Identified as a top strategic priority by the City Council.

Project Status: Plans are in the conceptual stage

Effect on Operating Budget: Unknown at this time.

STREET**Douglas Avenue Urbanization**

ST00-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	650.0	100.0		160.0			390.0
Acquisition	-						
Construction	4,240.3	609.8		1,600.0			2,030.5
Storm Wtr Cnst.	1,780.0						1,780.0
TOTAL	6,670.3	709.8	-	1,760.0	-	-	4,200.5

FUNDING SOURCES							
GOB	709.8	709.8					
Alt. Funding	4,200.5						4,200.5
TIF (DUNA)	1,760.0			1,760.0			
TOTAL	6,670.3	709.8	-	1,760.0	-	-	4,200.5

Description: Proposed is the continued urbanization of Douglas Avenue by filling in all median and shoulder ditches, and installing curb and gutter, and storm sewer/intakes. As part of this project streetscape elements would be installed throughout the corridor.

Justification: Since Douglas Avenue is the main “east-west spine” corridor in Urbandale, and is the City’s traditional “main” street, the goal is to beautify the corridor. In 2011, a consultant completed a master plan for the Douglas Avenue Beautification Project. In 2015 (Phase I), urbanized Douglas Avenue from 100th to Interstate 35/80 - filled in the ditches and medians; added curb, gutter, and storm sewer/intakes; and created an access drive on the south side of Douglas Avenue to an existing development. In 2019 (Phase 2), was completed, adding streetscape features to the bridge over I-35/80. In 2021 (Phase 5), urbanized Douglas Avenue from 100th Street to North Walnut Creek. This project included separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Project Status: In 2022, Phase 6 (\$709.8K): streetscape will be from 86th Street to 100th Street.

In 2024 – Phase 3 (\$1.76M) will urbanize Douglas Avenue from Elm Drive to 86th Street, including a 10 foot trail on the north side of the street and a sidewalk on the south side.

Phase 4: Unprogrammed (\$1.381M): to construct the streetscape from Elm Drive to 86th Street.

Phase 7: Unprogrammed (\$554.5K): to construct the streetscape from 72nd Street to Elm Drive.

Phase 8: Unprogrammed (\$2.265M): to complete the streetscape from 100th Street to 121st Street.

Effect on Operating Budget: The streetscape portion will increase the operating budget.

STREET**Douglas Avenue Railroad Crossing Replacement**

ST20-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	100.0					100.0	
StormWtr Cnst.	-						
TOTAL	100.0	-	-	-	-	100.0	-
FUNDING SOURCES							
TIF (NWMC)	20.0					20.0	
Railroad	20.0					20.0	
Iowa DOT	60.0					60.0	
TOTAL	100.0	-	-	-	-	100.0	-

Description: Proposed is the replacement of the railroad grade crossing located on Douglas Avenue, west of 100th Street.

Justification: Parts of the railroad crossing are in need of repair and overall, the crossing needs to be replaced.

Project Status: The railroad is evaluating the crossing. The City needs to negotiate an agreement with the railroad for a replacement crossing.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Hickman Road/U.S. Highway 6 at 128th Street**

PURPOSE	ST18-01 TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	1,000.0	1,000.0					
Acquisition	500.0	500.0					
Construction	5,537.4	5,537.4					
Storm Wtr Cnst.	-						
TOTAL	7,037.4	7,037.4	-	-	-	-	-

FUNDING SOURCES							
GOB	1,500.0		1,500.0				
Clive	700.0	700.0					
ICAAP (Fed)	1,137.4	1,137.4					
STBG	700.0	700.0					
Iowa DOT	2,500.0	2,500.0					
U-STEP	500.0	500.0					
TOTAL	7,037.4	5,537.4	1,500.0	-	-	-	-

Description: Proposed are intersection improvements on Hickman Road/U.S. Highway 6 at 128th Street. This project will add dual left turn lanes and right turn lanes for all legs of the intersection to improve capacity. Project will also include a 10 foot trail along the north side of Hickman Road from Interstate 35/80 to Deer Creek Trail.

Justification: The Iowa DOT had a traffic study completed for Hickman Road (Highway 6). The recommended improvements at 128th Street were high priorities in the study.

Project Status: The project has been let by the Iowa DOT as the lead agency and is under contract. Urbandale's share of the costs would not be payable until completion in 2023.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Justin Drive Preservation:
100th Street to 109th Street**

ST22-02	TOTALS	Calendar Year						Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31	
Design	-							
Acquisition	-							
Construction	1,100.0				1,100.0			
Storm Wtr Cnst.	-							
TOTAL	1,100.0	-	-	-	1,100.0	-	-	

FUNDING SOURCES							
GOB	-						
TIF (NWMC)	1,100.0				1,100.0		
	-						
TOTAL	1,100.0	-	-	-	1,100.0	-	-

Description: Proposed is the patching and asphalt overlay of Justin Drive from 100th Street to 109th Street/ Douglas Avenue.

Justification: This section of Justin Drive has several bad joints in the pavement. This project will patch the pavement and then place an asphalt overlay over the street.

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This will decrease the ongoing maintenance needed for the existing street.

STREET**Meredith Drive Preservation:
86th Street to 104th Street**

ST22-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	1,850.0				1,850.0		
Storm Wtr Cnst.	-						
TOTAL	1,850.0	-	-	-	1,850.0	-	-

FUNDING SOURCES							
GOB	1,350.0				1,350.0		
STBG	500.0				500.0		
	-						
TOTAL	1,850.0	-	-	-	1,850.0	-	-

Description: Proposed is the patching and asphalt overlay of Meredith Drive from 86th Street to 104th Street. As a part of the project the existing sidewalk will be replaced with a trail as identified in the 2019 Urbandale Complete Streets Mater Plan. This project has been awarded \$500,000 of STBG funding.

Justification: This section of Meredith Drive has several bad joints in the pavement. This project will patch the pavement and then place an asphalt overlay over the street.

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This will decrease the ongoing maintenance needed for the existing street.

STREET**Meredith Drive Preservation:
104th Street to 121st Street**

ST22-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	1,200.0			1,200.0			
Storm Wtr Cnst.	-						
TOTAL	1,200.0	-	-	1,200.0	-	-	-

FUNDING SOURCES							
GOB	200.0			200.0			
TIF (NWMC)	1,000.0			1,000.0			
	-						
TOTAL	1,200.0	-	-	1,200.0	-	-	-

Description: Proposed is the patching of Meredith Drive from 104th Street to 121st Street and an asphalt overlay of Meredith Drive from 104th Street to 114th Street.

Justification: This section of Meredith Drive has several bad joints in the pavement. This project will patch the pavement and then place an asphalt overlay over the street.

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This will decrease the ongoing maintenance needed for the existing street.

STREET**Meredith Drive:
170th Street to 184th Street**

ST06-05 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	871.2					871.2	
Acquisition	300.0					300.0	
Construction	5,236.8					5,236.8	
Storm Wtr Cnst.	871.2					871.2	
TOTAL	7,279.2	-	-	-	-	7,279.2	-

FUNDING SOURCES							
GOB	3,252.1					3,252.1	
Road Use	-						
Spec Assmt	687.5					687.5	
Clive	3,339.6					3,339.6	
TOTAL	7,279.2	-	-	-	-	7,279.2	-

Description: Proposed is the construction of a four-lane roadway for Meredith Drive beginning at 170th Street and extending west to 184th Street. The City of Clive would pay for 50% of these projects since the south side of Meredith Drive is entirely in Clive.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: Meredith Drive is a major east/west arterial and will provide access for this area as development occurs. The east ½ mile had an asphalt overlay in 2015 and the west ½ mile was overlaid in 2021.

Project Status: The future project is in the development stage and preliminary plans are not completed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**N.W. Urbandale Drive Preservation:
Douglas Avenue to Meredith Drive**

ST22-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	1,700.0					1,700.0	
Storm Wtr Cnst.	-						
TOTAL	1,700.0	-	-	-	-	1,700.0	-

FUNDING SOURCES							
TIF (NWMC)	1,700.0					1,700.0	
	-						
	-						
TOTAL	1,700.0	-	-	-	-	1,700.0	-

Description: Proposed is the patching and asphalt overlay of NW Urbandale Drive from Douglas Avenue to Meredith Drive.

Justification: This section of NW Urbandale Drive has several bad joints in the pavement. This project will patch the pavement and then place an asphalt overlay over the street. Similar work has been completed from Hickman Road to Douglas Avenue and north of Meredith Drive to our north corporate limits.

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This will decrease the ongoing maintenance needed for the existing street.

STREET**N.W. 54th Avenue: From 1,000 feet west of 100th Street to West Corporate Limit**

ST09-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	136.1				136.1		
Acquisition	-						
Construction	771.4				771.4		
Storm Wtr Cnst.	136.1				136.1		
TOTAL	1,043.6	-	-	-	1,043.6	-	-

FUNDING SOURCES							
TIF (NWMC)	414.4				414.4		
Private Source	-						
Spec Assmt	107.4				107.4		
Grimes	521.8				521.8		
Johnston	-						
Sub-Total	1,043.6	-	-	-	1,043.6	-	-
Less Prior TIF (NW)	-						
TOTAL	1,043.6	-	-	-	1,043.6	-	-

Description: In 2016, the intersection of N.W. 54th Avenue and 100th Street was constructed as a four lane roadway for 1,000 feet to the east and to the west of 100th Street. In 2020, the construction of N.W. 54th Avenue from the 100th Street intersection project to the Urbandale east corporate boundary was completed. This was a joint project with Johnston. Proposed in 2025 is the construction of N.W. 54th Avenue from 1,000 feet west of 100th Street intersection to the Urbandale west corporate boundary. This will be a joint project with Grimes. The street would be constructed as a four-lane roadway.

Justification: N.W. 54th Avenue is a major east/west arterial and will provide access for this area as development occurs.

Project Status: This project is in the planning stages.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Urbandale Avenue:
68th Street to 70th Street – Trail**

ST21-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-			-			
Acquisition	-						
Construction	87.5			87.5			
StormWtr Cnst.	-						
TOTAL	87.5	-	-	87.5	-	-	-
FUNDING SOURCES							
GOB	87.5			87.5			
	-						
	-						
TOTAL	87.5	-	-	87.5	-	-	-

Description: This project will construct a trail on Urbandale Avenue from 68th Street to 70th Street per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: The installation of a trail on Urbandale Avenue has been identified as a short term priority in the 2019 Urbandale Complete Streets Master Plan.

Project Status: Project has not been designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**Waterford Road Extension West of 170th Street**

ST20-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	238.0						238.0
Acquisition	300.0						300.0
Construction	1,346.4						1,346.4
StormWtr Cnst.	237.6						237.6
TOTAL	2,122.0	-	-	-	-	-	2,122.0
FUNDING SOURCES							
Spec Assess	356.4						356.4
GOB	1,765.6						1,765.6
	-						
TOTAL	2,122.0	-	-	-	-	-	2,122.0

Description: Proposed is the extension of Waterford Road west of 170th Street for ¼ mile. This roadway will be extended as a 5 lane arterial.

Justification: The extension of Waterford Road is needed to open up areas for development on the west side of Urbandale. Currently there is a two mile gap between east/west arterials between Meredith Drive and Meadow Lane. A development agreement will need to be developed before this project moves forward.

Project Status: Project is in the conceptual stage.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**70th Street – Meredith Drive to
Urbandale Avenue – Bike Lanes**

ST21-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	15.0			15.0			
Acquisition	-						
Construction	150.0			150.0			
StormWtr Cnst.	-						
TOTAL	165.0	-	-	165.0	-	-	-
FUNDING SOURCES							
Capital Projects	165.0			165.0			
	-						
	-						
TOTAL	165.0	-	-	165.0	-	-	-

Description: This project will provide street level bicycle lanes on 70th Street from Meredith Drive to Urbandale Avenue through the addition of new pavement markings. Improvements are per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: The installation of the street level bicycle accommodations on 70th Street has been identified as a short-term priority in the 2019 Urbandale Complete Streets Master Plan.

Project Status: Project has not been designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**70th Street – Urbandale Avenue to
Hickman Road – Bike Lanes**

ST21-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	15.0				15.0		
Acquisition	-						
Construction	100.0				100.0		
StormWtr Cnst.	-						
TOTAL	115.0	-	-	-	115.0	-	-
FUNDING SOURCES							
Capital Projects	115.0				115.0		
	-						
	-						
TOTAL	115.0	-	-	-	115.0	-	-

Description: This project will add bicycle accommodations on 70th Street from Urbandale Avenue to Hickman Road per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: The installation of bicycle accommodations on 70th Street has been identified as a short-term priority in the 2019 Urbandale Complete Streets Master Plan.

Project Status: Project has not been designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**82nd Street Reconstruction Project**

ST20-03	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
PURPOSE							
Design	25.0			25.0			
Acquisition	-						
Construction	225.0			225.0			
StormWtr Cnst.	-						
TOTAL	250.0	-	-	250.0	-	-	-
FUNDING SOURCES							
GOB	250.0			250.0			
	-						
	-						
TOTAL	250.0	-	-	250.0	-	-	-

Description: This project includes the total reconstruction of 82nd Street from Douglas Avenue to approximately 400 feet north of Douglas Avenue. This project will include the installation of storm sewer.

Justification: This section of 82nd Street is very flat and does not drain storm water. The street is also in poor condition. This project will change the grade of the street and install intakes to help the street drain better.

Project Status: The project will be designed and built with the Douglas Avenue Urbanization Project, which is also planned for 2024.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**111th Street Paving**

ST00-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	105.0						105.0
Acquisition	200.0						200.0
Construction	595.0						595.0
Storm Wtr Cnst.	105.0						105.0
TOTAL	1,005.0	-	-	-	-	-	1,005.0

FUNDING SOURCES							
TIF (NWMC)	640.0						640.0
Spec Assmt	365.0						365.0
	-						
TOTAL	1,005.0	-	-	-	-	-	1,005.0

Description: Proposed is the paving of 111th Street from Justin Drive to the north border of Living History Farms. The street would be 31 feet in width, and the project would also include grading and storm sewer improvements.

Justification: The paving of 111th Street south of Justin Drive will allow for development of this area.

Project Status: The plans are in the development stage. The future project will be developer driven.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**121st Street Preservation:
Douglas Avenue to Meredith Drive**

ST22-06	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	600.0			600.0			
Storm Wtr Cnst.	-						
TOTAL	600.0	-	-	600.0	-	-	-

FUNDING SOURCES							
TIF (NWMC)	600.0			600.0			
	-						
	-						
TOTAL	600.0	-	-	600.0	-	-	-

Description: Proposed is the patching of 121st Street from Douglas Avenue to Meredith Drive.

Justification: This section of 121st Street has bad joints in the pavement. This project will patch the failed pavement.

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This will decrease the ongoing maintenance needed for the existing street.

STREET**128th Street Preservation:
Douglas Avenue to Aurora Avenue**

ST20-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	1,100.0	1,100.0					
StormWtr Cnst.	-						
TOTAL	1,100.0	1,100.0	-	-	-	-	-
FUNDING SOURCES							
GOB	350.0	350.0					
STBG	750.0	750.0					
	-						
TOTAL	1,100.0	1,100.0	-	-	-	-	-

Description: Proposed is the reconstruction of 128th Street from Douglas Parkway to Aurora Avenue. This project has been awarded \$750,000 of STBG funding from the MPO.

Justification: This section of 128th Street is rated as poor in our Pavement Management Plan due to many bad joints in the pavement. This project will patch the joints and then place an asphalt overlay over the street.

Project Status: Project will be designed by City staff.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**142nd Street:
Douglas Parkway to Meredith Drive**

ST06-12	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	871.4						871.4
Acquisition	300.0						300.0
Construction	5,236.8						5,236.8
Storm Wtr Cnst.	871.0						871.0
TOTAL	7,279.2	-	-	-	-	-	7,279.2

FUNDING SOURCES							
GOB	3,915.2						3,915.2
Grimes	2,504.7						2,504.7
Spec Assmt	859.3						859.3
TOTAL	7,279.2	-	-	-	-	-	7,279.2

Description: Proposed in the out year is the construction of a future five-lane roadway for 142nd Street. This project would start at Douglas Avenue and extend north to Meredith Drive.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: 142nd Street is a major arterial for north/south traffic. This roadway is shared with Grimes.

Project Status: The future project is in the development stage and preliminary plans are not completed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**142nd Street:
Meredith Drive to Waterford Road**

ST06-13	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	871.2				871.2		
Acquisition	300.0				300.0		
Construction	5,236.2				5,236.2		
Storm Wtr Cnst.	871.2				871.2		
TOTAL	7,278.6	-	-	-	7,278.6	-	-

FUNDING SOURCES							
GOB	4,577.6				4,577.6		
Spec Assmt	1,031.2				1,031.2		
Grimes	1,669.8				1,669.8		
TOTAL	7,278.6	-	-	-	7,278.6	-	-

Description: Proposed in 2025 is the construction of 142nd Street as a five lane roadway from Meredith Drive to Waterford Road. The City of Grimes abuts this road for ½ mile on the east side and would pay for 25% of the future project.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: 142nd Street is a major arterial for north/south traffic.

Project Status: The 2025 project is in the development stage and preliminary plans are not completed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**142nd Street:
Waterford Road to North Corporate Limit**

ST14-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed
		2022	2023	2024	2025	2026	2027-31
Design	435.6						435.6
Acquisition	200.0						200.0
Construction	3,328.4		710.0				2,618.4
Storm Wtr Cnst.	435.6						435.6
TOTAL	4,399.6	-	710.0	-	-	-	3,689.6

FUNDING SOURCES							
GOB	1,501.1						1,501.1
Spec Assmt	343.7						343.7
Road Use	355.0		355.0				
Grimes	2,199.8		355.0				1,844.8
TOTAL	4,399.6	-	710.0	-	-	-	3,689.6

Description: Proposed in 2023 is the asphalt overlay of 142nd Street from Waterford Road to Meadow Drive (1 mile). Proposed in an out year is the construction of a five lane 142nd Street. This project would start at Waterford Road and extend north ½ mile to our north corporate limit. Future annexations will likely change the north corporate limit. The City of Grimes has the east side of this road and Urbandale has the west side, so the cost for the project will be split.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: 142nd Street is a major north/south arterial and will provide access for this area as development occurs. This road is currently gravel and needs the overlay to improve the level of service until total reconstruction in the future.

Project Status: The road is currently a gravel road.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**156th Street:
Waterford Road to Meadow Drive**

ST06-16	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
PURPOSE							
Design	871.2					871.2	
Acquisition	250.0					250.0	
Construction	5,236.8					5,236.8	
Storm Wtr Cnst.	871.2					871.2	
TOTAL	7,229.2	-	-	-	-	7,229.2	-

FUNDING SOURCES							
GOB	5,854.2					5,854.2	
Spec Assmt	1,375.0					1,375.0	
	-						
TOTAL	7,229.2	-	-	-	-	7,229.2	-

Description: Proposed is the construction of 156th Street as a five lane roadway. Related improvements include grading, storm sewers and street lighting.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: 156th Street is an arterial street that carries a substantial amount of the north/south traffic in this area. An asphalt overlay was constructed in 2016 to extend the life of the road surface which had deteriorated due to increased traffic.

Project Status: The future project is in the development stage and preliminary plans are not completed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**170th Street (Alice's Road):
Meredith Drive to Waterford Road**

ST16-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	871.2	871.2					
Acquisition	500.0	500.0					
Construction	6,759.5	6,759.5					
Storm Wtr Cnst.	1,089.0	1,089.0					
TOTAL	9,219.7	9,219.7	-	-	-	-	-
FUNDING SOURCES							
GOB	6,494.7	6,494.7					
Spec Assmt	1,375.0	1,375.0					
Clive	750.0	750.0					
STP Funding	600.0	600.0					
TOTAL	9,219.7	9,219.7	-	-	-	-	-

Description: Proposed is the construction of 170th Street (Alice's Road) from Meredith Drive to Waterford Road as a five lane roadway. Related improvements include grading, storm sewers, street, and street lighting. This project will also involve the reconstruction of the Meredith Drive intersection and the Waterford Road intersection along with Meredith Drive for ¼ of a mile east of 170th Street.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: 170th Street will need to be widened to a five lane roadway as development in this area happens. Current road is also starting to show signs of distress. A STP grant of \$600,000 has been received for this project.

Project Status: The project anticipates a February 2022 Iowa DOT letting.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET**170th Street (Alice's Road):
Waterford Road to North Corporate Limit**

ST16-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	435.6						435.6
Acquisition	250.0						250.0
Construction	2,618.4						2,618.4
Storm Wtr Cnst.	435.6						435.6
TOTAL	3,739.6	-	-	-	-	-	3,739.6
FUNDING SOURCES							
GOB	1,601.1						1,601.1
Spec Assmt	343.7						343.7
Dallas County	1,794.8						1,794.8
TOTAL	3,739.6	-	-	-	-	-	3,739.6

Description: Proposed is the construction of 170th Street (Alice's Road) from Waterford Road to the North Corporate Limit. Proposed is the (Unprogrammed) construction of 170th Street as a five lane roadway. Related improvements include grading, storm sewers and street lighting.

This project will include separated bicycle lanes per the adopted December of 2019 Urbandale Complete Streets Master Plan.

Justification: 170th Street will need to be widened to a five lane roadway as development in this area happens. Current road is also starting to show signs of distress.

Project Status: The future project is in the development stage and preliminary plans are not completed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

STREET LIGHTING

Street Lighting is installed when a street is constructed, except when a stand-alone street lighting project is warranted.



Street Lighting installation included in these Street construction projects:

- Aurora Avenue: 128th Street to 142nd Street
- Douglas Avenue Urbanization: Elm Drive to 100th Street
- N.W. 54th Avenue: From 100th Street to our West Corporate Boundary
- Meredith Drive: 170th Street to 184th Street
- Waterford Road Extension West of 170th Street
- Waterford Road: 142nd Street to 156th Street
- 111th Street Paving
- 142nd Street: Douglas to Meredith Drive
- 142nd Street: Meredith Drive to Waterford Road
- 142nd Street: Waterford Road to North Corporate Limit
- 156th Street: Waterford Road to Meadow Drive
- 170th Street (Alice's Road): Meredith Drive to Waterford Road
- 170th Street (Alice's Road): Waterford Road to North Corporate Limit

TRAFFIC SIGNAL**Battery Backup for Signalization**

TR17-01 PURPOSE	TOTALS (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	60.0	60.0					
Storm Wtr Cnst.	-						
TOTAL	60.0	60.0	-	-	-	-	-

FUNDING SOURCES							
GOB	60.0	60.0					
	-						
	-						
TOTAL	60.0	60.0	-	-	-	-	-

Description: Proposed is the purchase of battery backup units and the associated equipment for seven traffic signals at: NW Urbandale Drive and Plum Drive, NW Urbandale Drive and Aurora Avenue, 100th Street and Plum Drive, 121st Street and Meredith Drive, 123rd Street and Meredith Drive, 125th Street and Meredith Drive, and 128th Street and Meredith Drive.

Justification: This project will allow the traffic signal to operate during a power outage and improve safety for the intersection.

Project Status: Project will need to be designed.

Effect on Operating Budget: This project will have minimal effect on the operating budget.

Hazard Mitigation Project: Tentatively designated by City staff as an eligible project.

TRAFFIC SIGNAL Hickman Road: Entrance to Deerfield Dev.

TR06-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	68.0		68.0				
Acquisition	-						
Construction	670.0		670.0				
Storm Wtr Cnst.	-						
TOTAL	738.0	-	738.0	-	-	-	-

FUNDING SOURCES							
Private	250.0		250.0				-
Clive	244.0		244.0				
GOB	244.0		244.0				
TOTAL	738.0	-	738.0	-	-	-	-

Description: Proposed is the installation of a traffic signal at the entrance to the Deerfield Retirement Community (Private Street) / NW Country Club Blvd and Hickman Road / U.S. Highway 6. Costs for the traffic signal and turn lane extension would be paid for by Deerfield Retirement Community, Clive, and Urbandale.

Justification: As traffic volumes increase on Hickman Road, a traffic signal will be needed to help the traffic exit this development.

Project Status: An IDOT Master Plan Agreement regarding U.S. Highway 6 / Hickman Road was approved by the City Council on October 28, 2003. This agreement identifies future traffic signal locations. A signal warrant study has been completed and it determined that warrants were not met. A traffic signal warrant study was completed in 2020.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**Hickman Road and 133rd Street**

TR06-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	50.0						50.0
Acquisition	-						
Construction	225.0						225.0
Storm Wtr Cnst.	-						
TOTAL	275.0	-	-	-	-	-	275.0

FUNDING SOURCES							
GOB	137.5						137.5
Clive	137.5						137.5
	-						
TOTAL	275.0	-	-	-	-	-	275.0

Description: Proposed is the installation of a traffic signal at 133rd Street and Hickman Road / U.S. Highway 6. Costs for this signal would be split with the City of Clive.

Justification: As traffic volumes increase on Hickman Road, a traffic signal may be needed to help the residential traffic on 133rd Street to access Hickman Road.

Project Status: An IDOT Master Plan Agreement regarding U.S. Highway 6 / Hickman Road was approved by the City Council on October 28, 2003. This agreement identified future traffic signal locations. A future traffic signal warrant study will be required.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**128th Street and Plum Drive**

TR07-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0				35.0		
Acquisition	-						
Construction	200.0				200.0		
Storm Wtr Cnst.	-						
TOTAL	235.0	-	-	-	235.0	-	-

FUNDING SOURCES							
Private	235.0				235.0		
	-						
	-						
TOTAL	235.0	-	-	-	235.0	-	-

Description: Proposed is the installation of a traffic signal at the intersection of 128th Street and Plum Drive.

Justification: As traffic volumes increase, a traffic signal will be needed at this intersection. This traffic signal will be a developer cost.

Project Status: Plans are in the conceptual stage.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**156th Street and Meredith Drive**

TR07-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0		35.0				
Acquisition	-						
Construction	200.0		200.0				
Storm Wtr Const.	-						
TOTAL	235.0	-	235.0	-	-	-	-

FUNDING SOURCES							
GOB	235.0		235.0				
	-						
TOTAL	235.0	-	235.0	-	-	-	-

Description: Proposed is the installation of a traffic signal at the intersection of 156th Street and Meredith Drive.

Justification: As traffic volumes increase, a traffic signal will be needed at this intersection.

Project Status: Plans are in the conceptual stage.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**156th Street and Waterford Road**

TR19-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0		35.0				
Acquisition	-						
Construction	300.0		300.0				
Storm Wtr Const.	-						
TOTAL	335.0	-	335.0	-	-	-	-

FUNDING SOURCES							
GOB	335.0		335.0				
	-						
TOTAL	335.0	-	335.0	-	-	-	-

Description: Proposed is the installation of a traffic signal at the intersection of 156th Street and Waterford Road and associated fiber.

Justification: As traffic volumes increase, a traffic signal will be needed at this intersection.

Project Status: Plans are in the conceptual stage

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**170th Street and Meredith Drive**

TR19-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0	35.0					
Acquisition	-						
Construction	260.0	260.0					
Storm Wtr Const.	-						
TOTAL	295.0	295.0	-	-	-	-	-

FUNDING SOURCES							
GOB	147.5	147.5					
Clive	147.5	147.5					
	-						
TOTAL	295.0	295.0	-	-	-	-	-

Description: Proposed is the installation of a traffic signal at the intersection of 170th Street and Meredith Drive. This traffic signal will be installed with the 170th Street Reconstruction Project, Meredith Drive to Waterford Road. Clive will pay for 50% of this traffic signal.

Justification: As traffic volumes increase, a traffic signal will be needed at this intersection.

Project Status: Plans are in the conceptual stage.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**170th Street and Plum Drive**

TR20-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0						35.0
Acquisition	-						
Construction	200.0						200.0
Storm Wtr Const.	-						
TOTAL	235.0	-	-	-	-	-	235.0

FUNDING SOURCES							
GOB	117.5						117.5
Private	117.5						117.5
	-						
TOTAL	235.0	-	-	-	-	-	235.0

Description: Proposed is the installation of a traffic signal at the intersection of 170th Street and Plum Drive. This traffic signal will be used to get school pedestrian traffic across 170th Street. Half of the funding would be provided by the Waukee CSD.

Justification: As traffic volumes increase, a traffic signal will be needed at this intersection.

Project Status: Plans are in the conceptual stage.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.

TRAFFIC SIGNAL**170th Street and Waterford Road**

TR19-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	35.0						35.0
Acquisition	-						
Construction	200.0						200.0
Storm Wtr Const.	-						
TOTAL	235.0	-	-	-	-	-	235.0

FUNDING SOURCES							
GOB	235.0						235.0
	-						
	-						
TOTAL	235.0	-	-	-	-	-	235.0

Description: Proposed is the installation of a traffic signal at the intersection of 170th Street and Waterford Road.

Justification: As traffic volumes increase, a traffic signal will be needed at this intersection.

Project Status: Plans are in the conceptual stage.

Effect on Operating Budget: Increase of approximately \$250 for traffic signal maintenance and \$300 for electrical service.



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WATER**Valve Replacement Projects**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	750.0	75.0	75.0	75.0	75.0	75.0	375.0
TOTAL	750.0	75.0	75.0	75.0	75.0	75.0	375.0

FUNDING SOURCES							
Water Rev	750.0	75.0	75.0	75.0	75.0	75.0	375.0
	-						
	-						
TOTAL	750.0	75.0	75.0	75.0	75.0	75.0	375.0

Description: This proposed annual project will replace a number of valves, particularly on the east side of Urbandale, that have reached their useful life and need replacement.

Justification This project will improve the operations of the system for maintenance, shut downs, and repairs. It will also reduce water loss due to packing leaks on old valves

Project Status: The project will be ongoing.

Effect on Operating Budget: None

WATER 16" Meredith Dr. Water Main Relocation - 170th East

WA22-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	120.0	120.0					
TOTAL	120.0	120.0	-	-	-	-	-

FUNDING SOURCES							
Water Rev	120.0	120.0					
	-						
	-						
TOTAL	120.0	120.0	-	-	-	-	-

Description: Proposed is the relocation of 600 feet of 16-inch water main along Meredith Drive from 170th Street to the east.

Justification: This project is in conjunction with a City project. The relocation will move the existing main out from under the street and delete numerous bends in that section of pipe.

Project Status: The project is scheduled for 2022.

Effect on Operating Budget: None

WATER**64th St. Water Main - Aurora to Townsend**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	325.0	325.0					
TOTAL	325.0	325.0	-	-	-	-	-

FUNDING SOURCES							
Water Rev	325.0	325.0					
	-						
	-						
TOTAL	325.0	325.0	-	-	-	-	-

Description: Proposed is the installation of 1,300 feet of 8-inch PVC water main along 64th Street from Aurora to Townsend.

Justification: This project would replace an existing 6-inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs. The increase in size would also provide additional capacity to the area.

Project Status: The project is scheduled for 2022.

Effect on Operating Budget: None

WATER**66th Street Water Main – Aurora to Townsend**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	325.0	325.0					
TOTAL	325.0	325.0	-	-	-	-	-

FUNDING SOURCES							
Water Rev	325.0	325.0					
	-						
	-						
TOTAL	325.0	325.0	-	-	-	-	-

Description: Proposed is the installation of 1,300 feet of 8 inch PVC water main in 66th Street – Aurora to Townsend.

Justification: This project would replace an existing 4 and 6 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increase repair costs.

Project Status: The project is scheduled for the Spring of 2022.

Effect on Operating Budget: None

WATER 67th St. Water Main – Urbandale Dr. to Murphy Park

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	202.0	202.0					
TOTAL	202.0	202.0	-	-	-	-	-

FUNDING SOURCES							
Water Rev	202.0	202.0					
	-						
	-						
TOTAL	202.0	202.0	-	-	-	-	-

Description: Proposed is the installation of 805 feet of 8 inch PVC water main in 67th Street from Urbandale Dr. north to Murphy Park and east on Boston.

Justification: This project would replace an existing 6 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increase repair costs.

Project Status: The project is scheduled for the Spring of 2022.

Effect on Operating Budget: None

WATER**170th Street Water Main – Plum to Waterford**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	395.0	395.0					
TOTAL	395.0	395.0	-	-	-	-	-

FUNDING SOURCES							
Water Rev	395.0	395.0					
	-						
	-						
TOTAL	395.0	395.0	-	-	-	-	-

Description: Proposed is the installation of 1,700 feet of 20-inch PVC water main in 170th Street from Plum Drive to Waterford Road.

Justification: This project would complete a loop to the area. The new main would allow multi-directional feed to strengthen the distribution system and improve service area.

Project Status: The project is scheduled for the Fall of 2022.

Effect on Operating Budget: None

WATER**Airline Drive Water Main – 66th to 70th**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	339.0		339.0				
TOTAL	339.0	-	339.0	-	-	-	-

FUNDING SOURCES							
Water Rev	339.0		339.0				
	-						
	-						
TOTAL	339.0	-	339.0	-	-	-	-

Description: The project will install 1,320 feet of 8 inch water main along Airline Drive from 66th to 70th Street.

Justification This project would replace an existing 4 inch cast iron water main and complete an interconnect to other mains. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for the Spring of 2023.

Effect on Operating Budget: None

WATER**Madison Avenue Water Main – 81st to 82nd**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	38.6		38.6				
TOTAL	38.6	-	38.6	-	-	-	-

FUNDING SOURCES							
Water Rev	38.6		38.6				
	-						
	-						
TOTAL	38.6	-	38.6	-	-	-	-

Description: Proposed is the installation of 150 feet of 8 inch PVC water main in Madison from 81st to 82nd Street.

Justification: This project would complete a loop to improve fire flows and service to the area.

Project Status: The project is scheduled for the Spring of 2023.

Effect on Operating Budget: None

WATER**70th St. Water Main: Douglas to Aurora**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	540.8		540.8				
TOTAL	540.8	-	540.8	-	-	-	-

FUNDING SOURCES							
Water Rev	0.8		0.8				
	-						
	-						
TOTAL	0.8	-	0.8	-	-	-	-

Description: Proposed is the installation of 2,100 feet of 8 inch PVC water main in 70th Street, from Douglas Avenue to Aurora Avenue.

Justification: This project would replace the existing 4 inch and 6 inch water mains with an 8 inch main. The new main would improve fire flows and service to the area, and reduce the number of main breaks in the area.

Project Status: The project is scheduled for the Fall of 2023.

Effect on Operating Budget: None

WATER**81st Street Water Main – Douglas to Madison**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	159.7		159.7				
TOTAL	159.7	-	159.7	-	-	-	-

FUNDING SOURCES							
Water Rev	159.7		159.7				
	-						
	-						
TOTAL	159.7	-	159.7	-	-	-	-

Description: Proposed is the installation of 620 feet of 8 inch PVC water main in 81st Street from Douglas Avenue to Madison Avenue.

Justification: This project would replace an existing 4 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for the Spring of 2023.

Effect on Operating Budget: None

WATER**Monroe Court Water Main: 70th to 72nd**

WA08-01	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	344.5			344.5			
TOTAL	344.5	-	-	344.5	-	-	-

FUNDING SOURCES							
Water Rev	344.5			344.5			
	-						
	-						
TOTAL	344.5	-	-	344.5	-	-	-

Description: Proposed is the installation of approximately 1,300 feet of 8 inch PVC water main in Monroe Court, from 70th Street to 72nd Street.

Justification This project would replace an existing 4 inch water main with an 8 inch PVC main. The new main would improve fire flows and service to the area, and reduce the number of main breaks in the area.

Project Status: The project is scheduled for the Spring of 2024.

Effect on Operating Budget: None.

WATER**Monroe Court Water Main: 72nd to Roseland**

WA18-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	424.0			424.0			
TOTAL	424.0	-	-	424.0	-	-	-

FUNDING SOURCES							
Water Rev	424.0			424.0			
	-						
	-						
TOTAL	424.0	-	-	424.0	-	-	-

Description: Proposed is the installation of approximately 1,600 feet of 8 inch PVC water main in Monroe Court, from 72nd Street to Roseland Drive.

Justification This project would replace an existing 4 inch water main with an 8 inch PVC main. The new main would improve fire flows and service to the area, and reduce the number of main breaks in the area.

Project Status: The project is scheduled for the Fall of 2024.

Effect on Operating Budget: None.

WATER**Oliver Smith Drive Water Main – 72nd to 74th**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	291.5			291.5			
TOTAL	291.5	-	-	291.5	-	-	-

FUNDING SOURCES							
Water Rev	291.5			291.5			
	-						
	-						
TOTAL	291.5	-	-	291.5	-	-	-

Description: Proposed is the installation of 1,100 feet of 8 inch PVC water main in Oliver Smith from 72nd Street to 74th Street.

Justification: This project would replace an existing 4 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increase repair costs.

Project Status: The project is scheduled for the Spring of 2024.

Effect on Operating Budget: None

WATER Hillsdale Drive Water Main – Patricia to Dewey Gibbs

WA20-10	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	400.6				400.6		
TOTAL	400.6	-	-	-	400.6	-	-

FUNDING SOURCES							
Water Rev	400.6				400.6		
	-						
	-						
TOTAL	400.6	-	-	-	400.6	-	-

Description: Proposed is the installation of 1,470 feet of 8 inch PVC water main in Hillsdale Drive from Patricia to Dewey Gibbs.

Justification: This project would replace an existing 6 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increase repair costs.

Project Status: The project is scheduled for the Fall of 2025.

Effect on Operating Budget: None

WATER**Palm Drive Water Main – 70th to 71st**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	218.0				218.0		
TOTAL	218.0	-	-	-	218.0	-	-

FUNDING SOURCES							
Water Rev	218.0				218.0		
	-						
	-						
TOTAL	218.0	-	-	-	218.0	-	-

Description: Proposed is the installation of 800 feet of 8 inch PVC water main in Palm – 70th Street to 71st Street.

Justification: This project would replace an existing 4 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increase repair costs.

Project Status: The project is scheduled for the Fall of 2025.

Effect on Operating Budget: None

WATER**Roseland Avenue Water Main: 70th to 72nd**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	340.6				340.6		
TOTAL	340.6	-	-	-	340.6	-	-

FUNDING SOURCES							
Water Rev	340.6				340.6		
	-						
	-						
TOTAL	340.6	-	-	-	340.6	-	-

Description: Proposed is the installation of 1,250 feet of 8 inch PVC water main in Roseland Avenue, from 70th Street to 72nd Street.

Justification: This project would replace the existing 4 inch water main with an 8 inch main. The new main would improve fire flows and service to the area, and reduce the number of main breaks in the area.

Project Status: The project is scheduled for the Spring of 2025.

Effect on Operating Budget: None

WATER**Roseland Avenue Water Main: 72th to 74nd**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	245.3				245.3		
TOTAL	245.3	-	-	-	245.3	-	-

FUNDING SOURCES							
Water Rev	245.3				245.3		
	-						
	-						
TOTAL	245.3	-	-	-	245.3	-	-

Description: Proposed is the installation of 900 feet of 8 inch PVC water main in Roseland Avenue, from 72nd Street to 74th Street.

Justification: This project would replace the existing 6 inch water main with an 8 inch main. The new main would improve fire flows and service to the area, and reduce the number of main breaks in the area.

Project Status: The project is scheduled for the Spring of 2025.

Effect on Operating Budget: None

WATER**71st Street Water Main – Roseland to Palm**

PURPOSE	WA20-12 Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	147.2				147.2		
TOTAL	147.2	-	-	-	147.2	-	-

FUNDING SOURCES							
Water Rev	147.2				147.2		
	-						
	-						
TOTAL	147.2	-	-	-	147.2	-	-

Description: Proposed is the installation of 540 feet of 8 inch PVC water main in 71st Street – Roseland Drive to Palm Drive.

Justification: This project would replace an existing 4 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for the Fall of 2025.

Effect on Operating Budget: None

WATER**Meredith Drive Water Main Merle Hay to 66th**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	708.4					708.4	
TOTAL	708.4	-	-	-	-	708.4	-

FUNDING SOURCES							
Water Rev	708.4					708.4	
	-						
	-						
TOTAL	708.4	-	-	-	-	708.4	-

Description: Proposed is the installation of 2,530 feet of 12 inch PVC water main in Meredith – Merle Hay Road to 66th Street

Justification: This project would replace an existing 8 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs. The increase in size would also provide additional capacity to the area.

Project Status: The project is scheduled for the Fall of 2026.

Effect on Operating Budget: None

WATER**Monroe Ct. Water Main - 70th to 72nd**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	364.0					364.0	
TOTAL	364.0	-	-	-	-	364.0	-

FUNDING SOURCES							
Water Rev	364.0					364.0	
	-						
	-						
TOTAL	364.0	-	-	-	-	364.0	-

Description: Proposed is the installation of 1,300 feet of 8-inch PVC water main along Monroe Court from 70th Street to 72nd Street.

Justification: This project would replace an existing 4-inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for 2026.

Effect on Operating Budget: None

WATER Beverly Drive Water Main – Willard Ct. to New York

WA20-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2022	2023	2024	2025	2026	2027-31
Design	-						
Acquisition	-						
Construction	150.9						150.9
TOTAL	150.9	-	-	-	-	-	150.9

FUNDING SOURCES							
Water Rev	150.9						150.9
	-						
	-						
TOTAL	150.9	-	-	-	-	-	150.9

Description: Proposed is the installation of 525 feet of 8 inch PVC water main in Beverly from Willard Court to New York.

Justification: This project would replace an existing 4 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for the Spring of 2027.

Effect on Operating Budget: None

WATER**Horton Ave. Water Main - Rolling Green To 83rd**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	129.4						129.4
TOTAL	129.4	-	-	-	-	-	129.4

FUNDING SOURCES							
Water Rev	129.4						129.4
	-						
	-						
TOTAL	129.4	-	-	-	-	-	129.4

Description: Proposed is the installation of 450 feet of 8-inch PVC water main along Horton from Rolling Green to 83rd Street.

Justification: This project will complete a loop in the area which will improve fire flows and service to the area.

Project Status: The project is scheduled for 2027.

Effect on Operating Budget: None

WATER**Willard Circle Water Main – Hillsdale to Beverly**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	332.0						332.0
TOTAL	332.0	-	-	-	-	-	332.0

FUNDING SOURCES							
Water Rev	332.0						332.0
	-						
	-						
TOTAL	332.0	-	-	-	-	-	332.0

Description: Proposed is the installation of 1,155 feet of 8 inch PVC water main in Willard Circle – Hillsdale to Beverly.

Justification: This project would replace an existing 4 inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for the Spring of 2027.

Effect on Operating Budget: None

WATER**83rd Street – Madison to Aurora**

PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2027-31
		2022	2023	2024	2025	2026	
Design	-						
Acquisition	-						
Construction	575.0						575.0
TOTAL	575.0	-	-	-	-	-	575.0

FUNDING SOURCES							
Water Rev	575.0						575.0
	-						
	-						
TOTAL	575.0	-	-	-	-	-	575.0

Description: Proposed is the installation of 2,000 feet of 8-inch PVC water main along 83rd Street from Madison to Aurora.

Justification: This project would replace an existing 6-inch cast iron water main. The new main would improve fire flows and service to the area, and reduce the number of main breaks causing increased repair costs.

Project Status: The project is scheduled for 2027.

Effect on Operating Budget: None

Urbandale Capital Improvements Program (CIP) Committee Minutes
CIP 2022 – 2027+
Meeting #1
November 15, 2021

Opening

The Urbandale CIP Committee met on Monday November 15, 2021, beginning at 5:45 p.m., at Urbandale City Hall, with Committee Chair Carberry Montgomery presiding.

Answering roll call were the following committee members: Chair Carberry Montgomery, Co-Chair Adam Obrecht, Pete Hutchison, Julie Roethler, John Hollebrands, Pat Boddy, Steve Lytle, and Susan Bonnicksen. Absent from the meeting was committee member Rob Hilbert.

Also present were: City Manager A.J. Johnson, Accountant II Addison Riebkes, Director of Engineering and Public Works John Larson, Director of Parks and Recreation Jan Herke, Fire Chief Jerry Holt, Finance Director Nicci Lamb, Police Chief Rob Johansen, Assistant City Manager Curtis Brown, Director of Risk Management John Konior, and Assistant Finance Director Kim Keisler.

Carberry Montgomery recited the CHARACTER COUNTS! Statement and opened the meeting.

Review of CIP sections:

ART section was reviewed by the CIP Committee.

BUILDINGS section was reviewed by the CIP Committee.

- Aquatic/Recreation/Senior Facility – Herke presented the project proposing three potential designs including **1)** recreation complex **2)** indoor Pool **3)** outdoor pool. Herke stated that a community survey will be completed in January 2022 to determine the direction the community would like this project to move in. Herke stated that a bond referendum would likely occur in the fall of 2022.
- Parks and Public Works PV Solar Array – Larson presented the project proposing the installation of solar panels on the roof of the Parks and Public Works building located on Hickman Road. He noted that the construction of any PV array would be after the one-year roof warranty period that comes from the contractor, and would be a system that sits on the roof rather than being drilled in.

Obrecht inquired if there were any disaster recover elements that would be built into the PV system. Larson stated that on-site generators would be utilized during power outages, as the

system would not generate all the needed electricity at peak production. Larson stated there would be no power storage capacity within the proposed system. Carberry Montgomery requested that Larson look into the newly passed infrastructure bill to see if it includes any solar items that could be utilized by the City of Urbandale.

MAJOR EQUIPMENT section was reviewed by the CIP Committee.

- EV Charging Stations – Johnson presented the project proposing the installation of electric car charging stations, within the City of Urbandale, on a phased approach. Konior informed the committee on the difference between Level 2 and Level 3 chargers. Level 2 chargers are utilized at homes and gas stations and can charge car in 1.5 hours. Level 3 chargers can do the same in 20 minutes. Konior stated that the city fleet charges would require Level 3. Konior stated that costs for Level 3 chargers would be \$400,000 to \$600,000 each.

Carberry Montgomery noted that she would like to see an accelerated conversion to electric vehicles and inquired if the charger installation timeline would push that back. Konior stated that installation could be staged to match the utilization of electric vehicles by the City of Urbandale. Obrecht inquired why there is such an increased cost of these chargers compared to those installed by people in their homes. Konior noted that there are significant costs associated with putting a charger outside on its own, requiring technology to manage public use. Carberry Montgomery stated that electric vehicle use is a priority of many of the council members and would like the council to further explore the implementation of electric vehicles and chargers. Hollebrands stated his opposition to the City of Urbandale providing charging stations to the public and reiterated that the acquisition of electric vehicles needs to happen simultaneously with the planning of charger installation.

- Fire Ladder Truck Replacement – Holt presented the replacement of the 2005 ladder truck scheduled in 2025. He stated that the lead time on construction is 14 months.

Bonnicksen asked Holt to confirm that parts are no longer available for the existing truck and whether that presents an operation risk to the City. Holt confirmed that the manufacturer went bankrupt shortly after the purchase of the truck and there are no aftermarket parts for it, and for that reason has absolutely no value. Holt confirmed that if something were to break, parts would need to be fabricated or the truck would not be operational. Bonnicksen suggested that the acquisition of a new truck should be moved up.

Motion by Lytle, second by Bonnicksen to move the fire truck forward one year to 2024. Ayes: Lytle, Bonnicksen, Carberry Montgomery, Obrecht, Hollebrands, Hutchison, Roethler, Boddy. Motion carried 8-0.

TECHNOLOGY section was reviewed by the CIP Committee.

PARKS section was reviewed by the CIP Committee.

- Dog Park with Parking Lot – Herke presented the proposed construction of a dog park located at the North Plant site. Herke noted there is a drainage area along the proposed site, requiring the installation of infrastructure to allow for that.

Herke noted that she met with the residents who lives next to the proposed site and allowed them to share their input related to the dog park design. In September 2021, 178 letters were sent to inform neighborhood residents of an open house organized by the Parks & Recreation Dept. to explain the proposed plan. Residents were encouraged to communicate any concerns. Herke noted that a light at the end of the cul de sac would be installed, as that was an apparent need of the neighborhood. Herke stated she'll be informing them of the public hearing on December 7, 2021.

Obrecht inquired of Herke what the process is for maintaining current trails. Herke stated there is \$100,000 in the annual parks budget for trail maintenance, which are tracked within a trail rating software. Herke feels comfortable with the maintenance schedule of the City trails.

BRIDGES section was reviewed by the CIP Committee.

SIDEWALKS section was reviewed by CIP Committee.

STORM SEWER section was reviewed by the CIP Committee.

STREETS section was reviewed by CIP Committee.

- Aurora Avenue: 86th St. to 70th St. On-Street Bike Lanes – Larson presented the proposed construction of on-street bike lanes on this section of Aurora Avenue.

Obrecht suggested there are congestion issues related to school traffic on this road and inquired of Larson if the reduction in car lanes would cause additional issues. Larson believes that the traffic changes would facilitate traffic flow but the only solution to school traffic is larger parking lots.

STREET LIGHTING section was reviewed by CIP Committee.

TRAFFIC SIGNALS section was reviewed by CIP Committee.

Carberry Montgomery asked the committee for any final questions, comments, or proposed changes the to the 2022-2027+ CIP program. Noting none, Lytle moved, seconded by Bonnicksen to approve the CIP document, as modified, for presentation at the public hearing

on December 7, 2021. Ayes: Lytle, Bonnicksen, Carberry Montgomery, Obrecht, Hollebrands, Hutchison, Roethler, Boddy. Motion carried 8-0.

With no further business to come before the CIP Committee, the meeting adjourned at 8:30 p.m. as moved by Bonnicksen and seconded by Lytle.

Bridget Carberry Montgomery

Bridget Carberry Montgomery, CIP Committee Chair

Attest:

Addison Riebkes

Addison Riebkes, Accountant II

Urbandale Capital Improvements Program (CIP) Committee Minutes
CIP 2022 – 2027+
CIP Committee Public Hearing
December 7, 2021

Opening

The Urbandale CIP Committee met on Tuesday December 7, 2021, beginning at 6:00 p.m., at Urbandale City Hall, with Committee Chair Carberry Montgomery presiding.

Answering roll call were the following committee members: Chair Carberry Montgomery, Co-Chair Adam Obrecht, Pete Hutchison, John Hollebrands, Pat Boddy, Steve Lytle, and Susan Bonnicksen. Rob Hilbert arrived after the roll call was completed. Absent from the meeting was committee member Julie Roethler

Also present were: City Manager A.J. Johnson, Accountant II Addison Riebkes, Director of Engineering and Public Works John Larson, Director of Parks and Recreation Jan Herke, Assistant Director of Parks and Recreation Scott Hock, Finance Director Nicci Lamb, and Assistant City Manager Curtis Brown.

Carberry Montgomery recited the CHARACTER COUNTS! Statement and opened the meeting.

Lytle moved, seconded by Hutchison, to approve the November 15, 2021 CIP minutes as written. Voice call: all Ayes. Motion carried.

Carberry Montgomery indicated the public notice was published on November 26, 2021, and asked if there were any objections. No objections were received.

Boddy moved, seconded by Obrecht, to open the public hearing. Voice call: all Ayes. Motion carried.

Review of CIP sections:

ART: no comment.

BUILDINGS: no comment.

MAJOR EQUIPMENT: no comment.

TECHNOLOGY: no comment.

PARKS:

- Resident (CP) on 69th St. stated his support for the construction of the proposed dog park in his neighborhood.

BRIDGES: no comment.

SIDEWALKS: no comment.

STORM SEWER: no comment.

STREETS: no comment.

STREET LIGHTING: no comment.

TRAFFIC SIGNALS: no comment.

Motion by Boddy, seconded by Obrecht, to close the public hearing. Voice call: all Ayes.

Committee Discussion

Carberry Montgomery asked for comments from the committee or requests to modify the document as it stands.

ART: No comment.

BUILDINGS: no comment.

MAJOR EQUIPMENT:

EV Charging Stations - Lytle suggested that he supports the alternate EV Charging Stations project page. The alternate page was prepared by staff and consists of the installation of two dual-sided level 2 EV chargers at the new Parks/Public Works Facility. The estimated costs as presented on the revised project sheet totals \$18,000. Carberry Montgomery expressed her opposition to removing the original page to retain momentum surrounding the installation of electric vehicle chargers. Obrecht stated that he supports the revised project sheet with the installation of four chargers for City fleet use only, as market forces are bringing vehicle chargers to Urbandale already. Boddy question whether the \$18,000 would be adequate for the number of charger installations the city would like to complete. City Manager Johnson stated that the revised project sheet would allow us to be primed for purchase of vehicles into the City fleet in coming years. Hutchison suggested that there may be private entities who will pay the City to place chargers in specific locations in the future.

Motion by Lytle, seconded by Obrecht, to replace the EV Charing Station project page with the revised version as presented. AYES: Bonnicksen, Hollebrands, Hutchison, Lytle, Obrecht.

NAYES: Boddy, Carberry Montgomery, Hilbert. Motion carried 5-3.

Fire Ladder Truck – Obrecht clarified that the truck replacement was moved forward from 2025 to 2024 at the last meeting. Bonnicksen inquired if the truck replacement should be advanced another year up to 2023. Finance Director Lamb reminded the committee that lead time issues are routinely dealt with when replacing fire trucks. Lamb stated that a reimbursement resolution would occur, providing funding to reimburse the City for the purchase. Fire Chief Holt confirmed that the 2024 replacement date meets the needs of his department.

TECHNOLOGY: no comment.

PARKS: no comment.

BRIDGES: no comment.

SIDEWALKS: no comment.

STORM SEWER: no comment.

STREETS: no comment.

STREET LIGHTING: no comment.

TRAFFIC SIGNALS: no comment.

Carberry Montgomery asked the committee for any final questions, comments, or proposed changes to the 2022-2027+ CIP program. Noting none, Boddy moved, seconded by Lytle to approve the CIP document, as modified, for presentation at the City Council public hearing on January 11, 2022. Ayes: Boddy, Bonnicksen, Carberry Montgomery, Hilbert, Hollebrands, Hutchison, Lytle, Obrecht. Motion carried 8-0.

With no further business to come before the CIP Committee, the meeting adjourned at 6:45 p.m. as moved by Lytle and seconded by Hutchison.

Bridget Carberry Montgomery

Bridget Carberry Montgomery, CIP Committee Chair

Attest:

Addison Riebkes

Addison Riebkes, Accountant II

