

City of Urbandale, Iowa

Capital Improvements Program

2023-2028+



CITY OF URBANDALE

Capital Improvements Program 2023 – 2028+

City of Urbandale, Iowa



CIP Committee Members

Adam Obrecht – City Council, Chair
Bridget Carberry Montgomery – City Council, Co-Chair
Pete Hutchison – Parks and Recreation Commission
Jackie Nickolaus – Planning and Zoning Commission
John Hollebrands – At Large
Rob Hilbert – At Large
Pat Boddy – At Large
Chuck Current – At Large

City Staff – CIP Preparation

A.J. Johnson, City Manager
Addison Riebkes, Accountant II
Dale Acheson, Water Utility General Manager
John Larson, Director of Engineering and Public Works
James Briear, Director of Technology
Jan Herke, Director of Parks and Recreation
Jerry Holt, Fire Chief
Kristin Brostrom, Assistant Director of Engineering
Nicole Lamb, Finance Director
Rob Johansen, Police Chief
Ryan Noah, GIS Coordinator
Scott Hock, Assistant Director of Parks





December 21, 2022

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

**Re: 2022-2028+ Capital Improvements
Program**

On behalf of the Capital Improvements Program Committee, I am pleased to submit the recommended 2022-2028+ Capital Improvements Program (CIP) to the City Council for consideration to adopt at its public hearing on January 10, 2023. 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 28, 2022, the CIP Committee reviewed each section in detail.

The CIP Committee held its public hearing on December 20, 2022.

At the public hearing, a motion was passed to modify the Police Station Expansion and Covered Fleet Parking project page with costs of \$6.7 million. The project page was modified to now present as Police Station Replacement with an estimated cost of \$36.4 million.

A number of other motions were passed as general recommendations and are documented within the minutes of our public hearing.

The Committee unanimously approved this recommended CIP. The Committee's recommended CIP includes 16 new CIP projects which are listed on the next page, followed by a list of 11 CIP projects completed or nearly completed in 2022.

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 2023 to update this CIP.

Sincerely,

Adam Obrecht

Adam Obrecht, Chair
Capital Improvements Committee

NEW PROJECTS

2023-2028+ Capital Improvements Program

Page	MAP ID	(In 000's)	Calendar Year					Unprogrammed
			2023	2024	2025	2026	2027	2028-32
BUILDINGS								
6	BU23-01	Fire Station #42 Expansion	-	-	-	-	-	895.0
PARKS								
24	PK23-01	Indoor/Outdoor Recreation Mini-p	-	700.0	-	700.0	-	700.0
28	PK23-02	Playground Replacements - Variou	300.0	350.0	375.0	375.0	375.0	975.0
SIDEWALKS								
43	SI23-01	Hickman Trail Construction - 100	-	-	-	423.6	203.4	-
45	SI23-02	114th Street Sidewalk Constructio	-	70.0	138.5	55.0	-	-
STORM SEWERS								
53	SW23-01	Storm Sewer Extension to the Mei	-	-	-	-	2,650.0	-
STREETS								
61	ST23-01	Douglas Avenue Preservation: 111	-	-	-	290.0	-	-
65	ST23-02	Hickman Interchange Improvemer	100.0	-	34,200.0	32,750.0	26,000.0	-
68	ST23-03	Medians - Art and Landscaping	150.0	150.0	150.0	150.0	150.0	300.0
72	ST23-04	Northpark Drive and Plum Drive 1	-	-	-	-	589.5	-
88	ST23-05	184th Street (Warrior Lane): Mere	-	-	-	-	-	11,950.0
TRAFFIC SIGNALS								
91	TR23-01	Douglas Avenue Adaptive Signal	-	-	-	-	410.0	-
94	TR23-02	Meredith & NW Urbandale Drive	-	-	545.0	-	-	-
95	TR23-03	100th Street Adaptive Signal Coo	-	234.0	-	-	-	-
WATER								
119	WA23-01	Urbandale Ave Water Main - 64th	-	-	-	-	274.4	-
120	WA23-02	Douglas Water Main - 104th Stree	-	-	-	-	-	1,227.2
TOTAL by YEAR		\$ 118,905.6	550.0	1,504.0	35,408.5	34,743.6	30,652.3	16,047.2

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 Cnsl	-

*

2022 CIP Projects Completed or Nearly Completed

BUILDINGS		
Completed	<i>BU20-02</i>	North Plant (Sewage Building) - Demolition
PARKS		
Completed	<i>PK17-01</i>	Trail: Coyote Ridge
Completed	<i>PK20-03</i>	Dog Park w/ Parking Lot
TRAFFIC SIGNALS		
Completed	<i>TR-17-01</i>	Battery Backup Signalization
Completed	<i>TR19-02</i>	170th Street and Meredith Drive
WATER		
Completed	<i>WA22-01</i>	16" Meredith Dr. Water Main Relocation - 170th East
Completed	<i>WA22-02</i>	64th St. Water Main - Aurora to Townsend
Completed	<i>WA20-07</i>	66th Street Water Main - Aurora to Townsend
Completed	<i>WA21-01</i>	67th St. Water Main - Urbandale Dr. to Murphy Park
Completed	<i>WA21-02</i>	170th Street Water Main - Plum to Waterford
Completed	<i>WA22-03</i>	Monroe Ct. Water Main - 70th to 72nd

* The above total of Completed Projects does not include the following removed projects.

Removed		
Equipment	<i>EQ22-01</i>	EV Charging Stations
Parks	<i>PK06-03</i>	Park Shelters - Open-Air Shelters
Street	<i>ST21-05</i>	70th Street - Urbandale Ave. to Hickman Rd. - Bike Lanes





January 11, 2023

To the Honorable Mayor and
Members of the City Council

Re: 2023-28+ Staff Recommended
Capital Improvements Program

I am pleased to present the recommended 2023-2028+ 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 20, 2022. The City Council adopted the CIP program at its Council Meeting on January 10, 2023.

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 2023-28 CIP program is based on a debt service levy of \$1.44/per \$1,000 of valuation, which represents no change from the current \$1.44 debt service levy in effect for the 2022-23 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 \$7.0M in revenue from Polk County and another \$2.3M from Dallas County LOSST for the FY22/23 budget year. Since inception, 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, \$6.42M was retired, and in June 2022, \$7.995M were retired resulting in additional 10-cent reductions in each year. The FY23 budget included the payoff of an additional \$3.4M in bonds in June 2023, however the significant interest rate hikes from the Federal reserve have made the cost of borrowing much higher than anticipated. Consequently, the City will hold off on the Spring

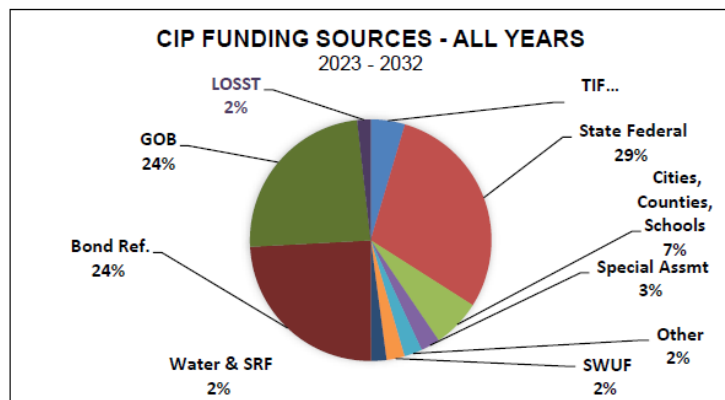
2023 retirement and instead use those funds to pay for projects in the upcoming CIP document.

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 (2023-2027) is \$306.6M (78.3%). In addition, the CIP includes \$84.9M (21.7%) for the “Unprogrammed” projects for the last 5 years (2028-2032). In total, the 2023-2032 CIP ten (10) year program anticipates \$391.5 in funding sources as shown in the following graph:

CIP Funding Sources - All Years	(In 000's)
GOB	\$ 93,573.1
TIF	17,812.5
Local Option Sales Tax	6,940.0
State Federal	114,438.2
Cities & Counties	25,324.8
Special Assmt	9,943.9
Other	9,340.1
SWUF	9,337.5
Water	8,102.1
Alternative	2,825.5
Bond Ref.	93,960.0
TOTAL ALL YEARS	\$ 391,597.7



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 \$93.5M (23.9%); made up of new GOB debt at \$84.4M (21.6%) and \$9.1K (2.3%) 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 5 TIF districts, but only 2 of these areas have projects currently identified in this document; the DUNA (Downtown Urandale 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 \$17.8M (4.5%); made up from new bonds at \$2.7M (0.7%) from the DUNA district, \$10.1M (2.6%) in new bonds from the NWMC district, and \$5.0M (1.2%) 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 \$6.9M (1.8%).
- **Intergovernmental:** means funding from any other governmental source (Federal, State, other cities, county). Totals in this category are \$139.7M (35.7%) combined at \$114.4M (29.2%) from State and Federal revenues, and \$25.3M (6.5%) 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 \$9.9M (2.5%).
- **Other:** means funding from any other source not previously identified. Totals in this category are \$9.3M (2.4%) from additional funding sources, which include \$1.2M (0.3%) in General Fund revenues, and \$8.1M (2.1%) 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 \$9.3M (2.4%).
- **Water:** means water system projects financed by Water Utility fees. Totals in this category are \$8.1M (2.1%).
- **Alternative:** \$2.8M (0.7%) for one 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 \$93.9.0M (24.0%). 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 10 to 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:

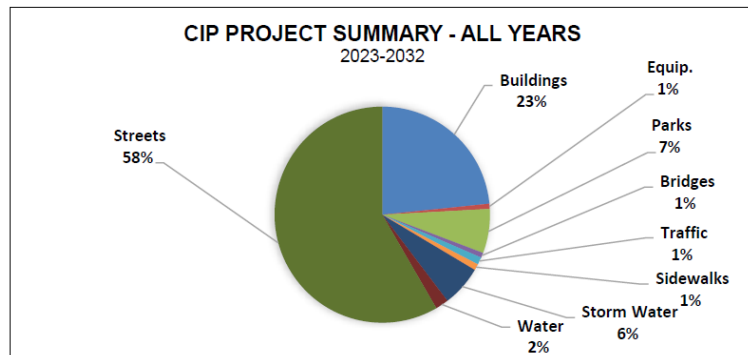
Bond Vote	Const.	Section	Project
BU08-02	2023	Building	Community Recreation Complex
BU22-02	Unprog.	Building	Replacement Fire Station #41
BU23-01	Unprog.	Building	Fire Station #42 Expansion
BU17-02	2027	Building	Police Station Replacement
PK22-01	Unprog.	Parks	Lions Park Sprayground and Improvements
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	\$ 205.20
Buildings	\$ 91,376.00
Equipment	\$ 2,942.00
Technology	\$ 850.00
Parks	\$ 25,957.70
Bridges	\$ 2,725.00
Sidewalks	\$ 3,695.50
Storm Water	\$ 23,937.50
Streets & Lighting	\$ 227,932.70
Traffic Signals	\$ 4,339.00
Water	\$ 7,637.10
TOTAL ALL YEARS	\$ 391,597.7



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 \$306.6M--the cents per \$1.00 dollar would be .32¢ for Art, Buildings, Equipment Technology, and Parks; and .68¢ for all Public Works and Water related projects.
- The total for the entire 10-year CIP program is \$391.6M--the cents per \$1.00 dollar would be .31¢ for Art, Buildings, Equipment Technology, and Parks; and .69¢ for all Public Works and Water related projects.

CENTS per DOLLAR for the CIP PROGRAM

2023 - 2028+ Capital Improvements Program



	First 5 Years			Unprogrammed			Total CIP
	Years 1-5 (In 000's)	2023 %	2027 Cents	Years 6-10 (In 000's)	2028-32 %	2028-32 Cents	Years 1-10 Cents
Art	129.3	0.0%	\$ 0.00	75.9	0.1%	\$ 0.00	\$ 0.00
Buildings	82,761.0	27.0%	\$ 0.27	8,615.0	10.1%	\$ 0.10	\$ 0.23
Equipment	2,642.0	0.9%	\$ 0.01	300.0	0.4%	\$ 0.00	\$ 0.01
Technology	850.0	0.3%	\$ 0.00	-	0.0%	\$ -	\$ 0.00
Parks	12,742.0	4.1%	\$ 0.04	13,215.7	15.7%	\$ 0.16	\$ 0.07
Sub-Total	99,124.3	32.3%	\$ 0.32	22,206.6	26.3%	\$ 0.26	\$ 0.31
..... Bridges	1,775.0	0.6%	\$ 0.01	950.0	1.1%	\$ 0.01	\$ 0.01
..... Sidewalks	2,695.5	0.9%	\$ 0.01	1,000.0	1.2%	\$ 0.02	\$ 0.01
..... Storm Sewers	19,312.5	6.3%	\$ 0.06	4,625.0	5.4%	\$ 0.05	\$ 0.06
..... Streets	175,048.0	57.1%	\$ 0.57	52,884.7	62.0%	\$ 0.62	\$ 0.58
..... Street Lighting	-	0.0%	\$ -	-	0.0%	\$ -	\$ -
..... Traffic Signals	2,659.0	0.9%	\$ 0.01	1,680.0	2.0%	\$ 0.02	\$ 0.01
..... Water	6,034.9	1.9%	\$ 0.02	1,602.2	2.0%	\$ 0.02	\$ 0.02
Sub-Total	207,524.9	67.7%	\$ 0.68	62,741.9	73.7%	\$ 0.74	\$ 0.69
Total First 5 Years	\$ 306,649.2	100.0%	\$ 1.00		100.0%	\$ 1.00	
Total Unprogrammed	\$ 84,948.5						
TOTAL ALL YEARS	\$ 391,597.7						\$ 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 \$205.2K 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 \$91.4M is 23.3% of the overall CIP program. This section identifies new construction, renovations, maintenance improvements, and facility enhancements.

- Community Recreation Complex: Preliminary design plans will be complete with construction proposed (2023) pending a voter approved bond referendum.
- Parks Maint./City Admin Office Expansion: Construct offices at the existing Parks Maintenance Facility, for the Parks and Recreation Admin. Services to relocate there (2023).
- 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 are being completed (2022) with construction of a salt storage facility (2023).

- Police: Improvements to the Police Station include possible relocation and reconstruction. This project is pending a voter approved bond referendum (2027).
- Fire: Proposed replacement of Fire Station #41 and expansion of Fire Station #42. Both projects are pending a voter approved bond referendum (unprogrammed).

Major Equipment

The Major Equipment section at \$2.9M is less than 1% 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, and other rescue equipment (2024), and construction of a fire trench training prop to allow for trench rescue training (2023).

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 (2023, 2024).

Parks

The Parks section at \$25.9M is 6.6% 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 an obstacle course, climbing boulder, paved path, and 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 (2024/2026).
- Shelters and Flushable Restrooms: Proposed is the multi-year project to construct flushable restrooms, shelters, and open-air shelters across the City's parks (2023 – Unprogrammed).
- Indoor/Outdoor Recreation Mini-Plex: Proposed is the conversion of unused garage bay areas into community recreation space, included an indoor pickleball and basketball court (2024,2026, Unprogrammed).
- Jackaline Baldwin Dunlap Park & Arboretum: Proposed is Phase 4 of the Dunlap Master Plan, which includes development of a "Memorial Perennial Garden" (2024).
- Lions Park Sprayground and Improvements: Proposed is the construction of a ADA accessible sprayground (2023), along with improvements identified through a master plan for Lions Park (2024, 2026, Unprogrammed).
- 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 (2024).
- Playground Replacement – Various Locations: Proposed is the multi-year project to replace and/or upgrade aging playground equipment at parks throughout the City (2023- Unprogrammed).

- Walker Johnston Skateboard Park Improvements: Proposed is the redesign and improvement of the skateboard park originally constructed in 2004 (2024).
- 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 a regional playground in the Facilities Area (2024), continued expansion of the interior trail access (2024), continuation of the park roadway system (2025), and an enclosed regional shelter (Unprogrammed) pending a voter approved bond referendum. The development of WCRP at \$5.7M is 22% of the Parks overall CIP program.

Bridges

The Bridges section at \$2.7M is less than 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 \$3.7M is 1% 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 (2023).
- Hickman Trail Construction – 100th Street to 111th Street: Proposed is the construction of a trail connection from 100th Street to the trail system west of the interstate, including the Raccoon Valley Trail (2026/2027).

Storm Water

The Storm Water section at \$23.9M is 6.1% of the overall CIP program. This program repairs and improves the storm sewer and drainage system at specific locations. The new project proposed in 2023 is the Storm Sewer Extension to the Merle Hay Reinvestment District (2027). Other projects include Merle Hay Reinvestment District Stormwater Improvements Project (2023), Oliver Smith Dr. Storm Sewer Improvements (Unprogrammed), Roseland Drive Storm Sewer Improvements (2024/2025), and 66th Street Sewer Improvements (2026/2027). 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 \$227.9M is 58.2% of the overall CIP program and represents 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 Preservation – 86th Street to Tanglewood Drive: Proposed is the patching and reconstruction in the most deteriorated sections of Aurora Avenue from 86th Street to Tanglewood Drive (2023).
- 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 (2023) 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 from I-35/80. Douglas Avenue would continue to be urbanized from Elm Drive to 86th Street (2024). Douglas Avenue would be urbanized from 100th Street to East interstate ramp (2025/2026). The future (Unprogrammed) includes additional streetscaping.
- Hickman Interchange Improvements: Proposed is the reconfiguration of the Hickman Road interchange as a diverging diamond interchange (2025-2027).
- 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 (2023).
- 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 (2023).

Street Lighting

Streetlights 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 \$4.3M is 1.1% of the overall CIP program. This program installs traffic signals at key intersections to address traffic safety, capacity issues, and in response to development. Proposed is the installation of a traffic signal at the intersection of 156th Street and Meredith Drive (2023), and the installation of a traffic signal at the intersection of 156th Street and Waterford Road (2023).

Water

The Water section at \$7.6M is 1.9% of the overall CIP program. The Urbandale Water Board of Trustees approved its projects to improve capacity, reduce repairs, and accommodate development. Four (3) new Water projects are proposed in this CIP (2024, 2025, 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 116 projects, which includes 16 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 (8) Urbandale residents on the CIP Committee who will give of their time and efforts to prepare their recommended 2023-2028+ CIP for the City Council to consider for approval.

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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 BUILDINGS			
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4		<i>BU22-01</i> FAST Training Building Upgrade
5	Vote	<i>BU22-02</i> Fire Station #41 Replacement
6	Vote HzMit	<i>BU23-01</i> Fire Station #42 Expansion
7		<i>BU21-01</i> Parks and Public Works PV Solar Array – 94th St./95th St. and Hickman Rd.
8	Art	<i>BU14-01</i> Parks Maint./City Admin. Office Expansion
9	Vote HzMit	<i>BU17-02</i> Police Station Replacement
10		<i>BU21-02</i> Public Works Satellite Salt Storage Building - 170th St. and Waterford Rd.
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11	HzMit	<i>EQ22-02</i> Fire Ladder Truck Replacement
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20		<i>PK21-02</i> Trail: Parkview Creek Trail Reconstruction
21	Art	<i>PK02-01</i> Trail: Raccoon River Valley Regional Trail Connection
22	Art	<i>PK15-02</i> Trail: Waterford Road to Dallas County Unincorporated
23		<i>PK20-01</i> Barrett Boesen Park and Natural Playscape
24		<i>PK23-01</i> Indoor/Outdoor Recreation Mini-plex
25		<i>PK19-02</i> Jackaline Baldwin Dunlap Park and Arboretum
26		<i>PK22-01</i> Lions Park Sprayground and Improvements
27		<i>PK22-02</i> Northpark Corridor Park
28		<i>PK23-02</i> Playground Replacements - Various locations
29		<i>PK21-03</i> Shelters and Flushable Restrooms - Various Locations
30		<i>PK19-03</i> Utility Installation to Various Parks
31		<i>PK21-04</i> Walker Johnston Park: Skateboard Park Improvements
32		<i>PK21-05</i> Walker Johnston Park Softball Complex Improvements: Fence Replacement/ Field Lighting/ H
33		<i>PK22-03</i> Water Trails Projects
34		<i>PK22-04</i> Waterford Park - Disk Golf Expansion
35	Art	<i>PK06-02</i> WCRP: Park Roadway System: Douglas Parkway to the North
36	Vote	<i>PK06-04</i> WCRP: Regional Park Shelter – Enclosed Shelter / Nature Center - 152nd Street and Meredith
37		<i>PK09-05</i> WCRP: Regional Playground in Facilities Area - 152nd Street and Meredith Drive
38	Art	<i>PK09-04</i> WCRP: Trail System - Interior Access
 BRIDGES			
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40	Art HzMit	<i>BR21-01</i> Waterford Road Bridge - Over Walnut Creek West of 170th Street

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42		<i>SI20-01</i>	Hickman Railroad Viaduct Trail Construction
43		<i>SI23-01</i>	Hickman Trail Construction - 100th Street to 111th Street
44		<i>SI00-01</i>	Various Locations
45		<i>SI23-02</i>	114th Street Sidewalk Construction - Douglas Avenue to Meredith Drive
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47	HzMit	<i>SW02-01</i>	Creek and Stream Drainage Improvements: Various Locations
48		<i>SW14-01</i>	Intake Rebuilding Program
49		<i>SW22-01</i>	Merle Hay Reinvestment District Stormwater Improvements Project
50		<i>SW22-02</i>	Oliver Smith Drive Storm Sewer Improvements 72nd Street to 74th
51	HzMit	<i>SW21-02</i>	Removal of Culverts on Old 100th Street Right-of-Way Near Oakwood Drive
52		<i>SW22-03</i>	Roseland Drive Storm Sewer Improvements Ashwood Drive to 74th Street
53		<i>SW23-01</i>	Storm Sewer Extension to the Merle Hay Reinvestment District
54		<i>SW22-04</i>	66th Street Storm Sewer Improvements Meredith Drive to Townsend Avenue
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55		<i>ST08-01</i>	Annual Street Rehabilitation Program
56		<i>ST22-01</i>	Aurora Avenue Preservation: 86th Street to Tanglewood Drive
57		<i>ST15-04</i>	Aurora Avenue, 104th Street/ Sutton Drive/ 100th Street Widening Project - NW Urbandale D
58		<i>ST21-01</i>	Aurora Avenue: 86th Street to 70th Street - On Street Bike Lanes
59		<i>ST06-02</i>	Aurora Avenue: 128th Street to 142nd Street
60		<i>ST16-01</i>	Community Entrance Signage
61		<i>ST23-01</i>	Douglas Avenue Preservation: 111th Street to 121st Street
62		<i>ST21-02</i>	Douglas Avenue Redevelopment
63		<i>ST00-01</i>	Douglas Avenue Urbanization
64		<i>ST20-01</i>	Douglas Avenue Railroad Crossing Replacement
65		<i>ST23-02</i>	Hickman Interchange Improvements
66	Art	<i>ST18-01</i>	Hickman Road/ U.S. Highway 6 at 128th Street
67		<i>ST22-02</i>	Justin Drive Preservation: 100th Street to 109th Street
68		<i>ST23-03</i>	Medians - Art and Landscaping
69		<i>ST22-03</i>	Meredith Drive Preservation: 86th Street to 104th Street
70		<i>ST22-04</i>	Meredith Drive Preservation: 104th Street to 121st Street
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73		<i>ST22-05</i>	N.W. Urbandale Drive Preservation: Douglas Avenue to Meredith Drive
74	Art	<i>ST09-03</i>	N.W. 54th Avenue: From 1,000 feet west of 100th Street to West Corporate Limit
75		<i>ST21-03</i>	Urbandale Avenue: 68th Street to 70th Street - Trail
76	Art	<i>ST20-02</i>	Waterford Road Extension West of 170th Street
77		<i>ST21-04</i>	70th Street - Meredith Drive to Urbandale Avenue - Bike Lanes
78		<i>ST20-03</i>	82nd Street Reconstruction Project
79		<i>ST00-03</i>	111th Street Paving
80		<i>ST22-06</i>	121st Street Preservation: Douglas Avenue to Meredith Drive
81	Art	<i>ST20-05</i>	128th Street Preservation: Douglas Avenue to Aurora Avenue
82	Art	<i>ST06-12</i>	142nd Street: Douglas Parkway to Meredith Drive
83	Art	<i>ST06-13</i>	142nd Street: Meredith Drive to Waterford Road
84	Art	<i>ST14-03</i>	142nd Street: Waterford Road to North Corporate Limit
85	Art	<i>ST06-16</i>	156th Street: Waterford Road to Meadow Drive
86	Art	<i>ST16-03</i>	170th Street (Alice's Road): Meredith Drive to Waterford Road
87	Art	<i>ST16-04</i>	170th Street (Alice's Road): Waterford Road to North Corporate Limit
88		<i>ST23-05</i>	184th Street (Warrior Lane): Meredith Drive to 1 Mile North
STREET LIGHTING			
89			<i>Street Lighting is part of street construction, except when a stand-alone lighting project.</i>
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91		<i>TR23-01</i>	Douglas Avenue Adaptive Signal Coordination
92		<i>TR06-05</i>	Hickman Road: Entrance to Deerfield Dev.
93		<i>TR06-02</i>	Hickman Road and 133rd Street
94		<i>TR23-02</i>	Meredith & NW Urbandale Drive Adaptive Signal Coordination
95		<i>TR23-03</i>	100th Street Adaptive Signal Coordination
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104	<i>WA09-03</i>	70th St. Water Main: Douglas to Aurora
105	<i>WA20-09</i>	81st Street Water Main - Douglas to Madison
106	<i>WA08-01</i>	Monroe Court Water Main: 70th to 72nd
107	<i>WA18-01</i>	Monroe Court Water Main: 72nd to Roseland
108	<i>WA20-04</i>	Oliver Smith Drive Water Main - 72nd to 74th
109	<i>WA20-10</i>	Hillside Drive Water Main - Patricia to Dewey Gibbs
110	<i>WA20-11</i>	Palm Drive Water Main - 70th to 71st
111	<i>WA16-02</i>	Roseland Avenue Water Main: 70th to 72nd
112	<i>WA21-03</i>	Roseland Avenue Water Main: 72nd to 74th
113	<i>WA20-12</i>	71st Street Water Main - Roseland to Palm
114	<i>WA21-04</i>	Meredith Drive Water Main - Merle Hay to 66th
115	<i>WA20-05</i>	Beverly Drive Water Main - Willard Ct. to New York
116	<i>WA22-04</i>	Horton Ave. Water Main - Rolling Green to 83rd
117	<i>WA20-06</i>	Willard Circle Water Main - Hillside to Beverly
118	<i>WA22-05</i>	83rd Street Water Main - Madison to Aurora
119	<i>WA23-01</i>	Urbandale Ave Water Main - 64th to 67th
120	<i>WA23-02</i>	Douglas Water Main - 104th Street to 111th Street

ADDENDUM - CIP 2023-2028+

Minutes	Nov. 28, 2022	1 - 4	1st CIP Committee Meeting
Minutes	Dec. 10, 2022	1 - 4	CIP Committee - Public Hearing Meeting
Letter to Committee		1 - 8	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
			2023	2024	2025	2026	2027	
ART-PUBLIC ART								
1	AR09-01	Urbandale Public Arts Funding Ir	28.5	22.6	30.0	38.2	10.0	75.9
Sub-Total	0%	\$ 205.2	28.5	22.6	30.0	38.2	10.0	75.9
BUILDINGS								
3	BU08-02	Community Recreation Complex	43,000.0	-	-	-	-	-
4	BU22-01	FAST Training Building Upgrade	60.0	-	-	-	-	-
5	BU22-02	Fire Station #41 Replacement	-	-	-	-	-	7,020.0
6	BU23-01	Fire Station #42 Expansion	-	-	-	-	-	895.0
7	BU21-01	Parks and Public Works PV Solar	620.0	-	-	-	-	-
8	BU14-01	Parks Maint./City Admin. Office	700.0	-	-	-	-	700.0
9	BU17-02	HzMit Police Station Replacement	-	-	-	715.0	36,400.0	-
10	BU21-02	Public Works Satellite Salt Storage	760.0	-	506.0	-	-	-
Sub-Total	23%	\$ 91,376.0	45,140.0	-	506.0	715.0	36,400.0	8,615.0
EQUIPMENT								
11	EQ22-02	HzMit Fire Ladder Truck Replacement	-	1,323.7	-	-	-	-
12	EQ22-03	HzMit Fire Mobile Ventilation Unit	210.0	-	-	-	-	-
13	EQ22-04	HzMit Fire Self-Contained Breathing Ap	-	-	-	600.0	-	-
14	EQ19-01	HzMit Fire Rescue Truck Replacement	-	387.5	-	-	-	-
15	EQ19-02	HzMit Fire Tender	-	-	-	-	-	300.0
16	EQ21-01	HzMit Fire Trench Training Prop	120.8	-	-	-	-	-
Sub-Total	1%	\$ 2,942.0	330.8	1,711.2	-	600.0	-	300.0
TECHNOLOGY								
17	TE19-01	HzMit Looped Fiber Connection Between	550.0	300.0	-	-	-	-
Sub-Total	0%	\$ 850.0	550.0	300.0	-	-	-	-
PARKS								
19	PK06-08	Trail: Oakwood Park Trail (Sutto	-	-	-	-	-	240.0
20	PK21-02	Trail: Parkview Creek Trail Reco	280.0	200.0	-	-	-	-
21	PK02-01	Trail: Raccoon River Valley Regi	-	-	-	-	-	335.0
22	PK15-02	Trail: Waterford Road to Dallas C	-	-	-	532.0	-	-
23	PK20-01	Barrett Boesen Park and Natural l	-	265.0	-	250.0	-	540.0
24	PK23-01	Indoor/Outdoor Recreation Mini-	-	700.0	-	700.0	-	700.0
25	PK19-02	Jackaline Baldwin Dunlap Park a	-	221.0	-	300.0	-	1,145.0
26	PK22-01	Lions Park Sprayground and Imp	700.0	700.0	-	700.0	-	3,800.0
27	PK22-02	Northpark Corridor Park	-	170.0	-	-	-	-
28	PK23-02	Playground Replacements - Varic	300.0	350.0	375.0	375.0	375.0	975.0
29	PK21-03	Shelters and Flushable Restrooms	95.0	345.0	585.0	95.0	470.0	600.0
30	PK19-03	Utility Installation to Various Pari	90.0	75.0	75.0	75.0	-	375.0
31	PK21-04	Walker Johnston Park: Skateboar	-	250.0	-	-	-	-
32	PK21-05	Walker Johnston Park Softball Co	-	-	-	-	105.0	1,200.0
33	PK22-03	Water Trails Projects	418.0	-	-	-	-	200.0
34	PK22-04	Waterford Park - Disk Golf Expa	-	18.0	-	-	-	-
35	PK06-02	WCRP: Park Roadway System: E	-	-	1,545.0	-	-	-
36	PK06-04	WCRP: Regional Park Shelter - I	-	-	-	-	-	3,105.7
37	PK09-05	WCRP: Regional Playground in F	-	700.0	-	-	-	-
38	PK09-04	WCRP: Trail System - Interior Ac	-	308.0	-	-	-	-
Sub-Total	7%	\$ 25,957.7	1,883.0	4,302.0	2,580.0	3,027.0	950.0	13,215.7
BRIDGES								
39	BR15-01	HzMit Urban Hills Bridge Over Walnut	-	-	1,775.0	-	-	-
40	BR21-01	HzMit Waterford Road Bridge - Over W	-	-	-	-	-	950.0
Sub-Total	1%	\$ 2,725.0	-	-	1,775.0	-	-	950.0

PROJECT SUMMARY

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Page	MAP ID	(In 000's)	Calendar Year					Unprogrammed
			2023	2024	2025	2026	2027	
SIDEWALKS								
41	SI18-01	ADA Pedestrian Access Route Tr	100.0	100.0	100.0	100.0	100.0	500.0
42	SI20-01	Hickman Railroad Viaduct Trail	805.0	-	-	-	-	-
43	SI23-01	Hickman Trail Construction - 100	-	-	-	423.6	203.4	-
44	SI00-01	Various Locations	100.0	100.0	100.0	100.0	100.0	500.0
45	SI23-02	114th Street Sidewalk Constructi	-	70.0	138.5	55.0	-	-
Sub-Total	1%	\$ 3,695.5	1,005.0	270.0	338.5	678.6	403.4	1,000.0
STORM WATER								
47	SW02-01	HzMit Creek and Stream Drainage Impr	350.0	350.0	350.0	350.0	350.0	1,750.0
48	SW14-01	Intake Rebuilding Program	500.0	250.0	250.0	-	-	-
49	SW22-01	Merle Hay Reinvestment District	7,650.0	-	-	-	-	-
50	SW22-02	Oliver Smith Drive Storm Sewer	-	-	-	-	-	2,875.0
51	SW21-02	Removal of Culverts on Old 100t	200.0	-	-	-	-	-
52	SW22-03	Roseland Drive Storm Sewer Imp	-	400.0	2,687.5	-	-	-
53	SW23-01	Storm Sewer Extension to the Me	-	-	-	-	2,650.0	-
54	SW22-04	66th Street Storm Sewer Improve	-	-	-	400.0	2,575.0	-
Sub-Total	6%	\$ 23,937.5	8,700.0	1,000.0	3,287.5	750.0	5,575.0	4,625.0
STREETS								
55	ST08-01	Annual Street Rehabilitation Prog	1,918.5	968.6	2,459.8	2,533.5	2,609.5	14,269.8
56	ST22-01	Aurora Avenue Preservation: 86tl	2,250.0	-	-	-	-	-
57	ST15-04	Aurora Avenue, 104th Street/ Sut	3,000.0	-	-	-	-	-
58	ST21-01	Aurora Avenue: 86th Street to 70	797.5	-	-	-	-	-
59	ST06-02	Aurora Avenue: 128th Street to 1	-	-	-	-	-	5,254.0
60	ST16-01	Community Entrance Signage	600.0	450.0	300.0	300.0	300.0	450.0
61	ST23-01	Douglas Avenue Preservation: 11	-	-	-	290.0	-	-
62	ST21-02	Douglas Avenue Redevelopment	-	-	-	-	-	-
63	ST00-01	Douglas Avenue Urbanization	-	7,984.5	1,000.0	450.0	-	2,825.5
64	ST20-01	Douglas Avenue Railroad Crossin	-	-	-	100.0	-	-
65	ST23-02	Hickman Interchange Improve	100.0	-	34,200.0	32,750.0	26,000.0	-
66	ST18-01	Hickman Road/ U.S. Highway 6	750.0	750.0	-	-	-	-
67	ST22-02	Justin Drive Preservation: 100th S	-	900.0	375.0	-	-	-
68	ST23-03	Medians - Art and Landscaping	150.0	150.0	150.0	150.0	150.0	300.0
69	ST22-03	Meredith Drive Preservation: 86tl	-	-	2,125.0	-	-	-
70	ST22-04	Meredith Drive Preservation: 104	1,700.0	510.0	-	-	-	-
71	ST06-05	Meredith Drive: 170th Street to 1	-	-	-	7,279.2	-	-
72	ST23-04	Northpark Drive and Plum Drive	-	-	-	-	589.5	-
73	ST22-05	N.W. Urbandale Drive Preservati	-	-	-	1,000.0	700.0	-
74	ST09-03	N.W. 54th Avenue: From 1,000 f	-	-	1,304.5	-	-	-
75	ST21-03	Urbandale Avenue: 68th Street to	-	87.5	-	-	-	-
76	ST20-02	Waterford Road Extension West o	-	-	-	-	-	2,122.0
77	ST21-04	70th Street - Meredith Drive to U	115.0	-	-	-	-	-
78	ST20-03	82nd Street Reconstruction Projec	-	480.0	-	-	-	-
79	ST00-03	111th Street Paving	-	-	-	-	-	1,005.0
80	ST22-06	121st Street Preservation: Dougl	-	700.0	-	-	-	-
81	ST20-05	128th Street Preservation: Dougl	1,500.0	-	-	-	-	-
82	ST06-12	142nd Street: Douglas Parkway to	-	-	-	-	-	7,279.2
83	ST06-13	142nd Street: Meredith Drive to V	-	-	8,806.2	-	-	-
84	ST14-03	142nd Street: Waterford Road to	-	710.0	-	-	-	3,689.6
85	ST06-16	156th Street: Waterford Road to l	-	-	-	7,229.2	-	-
86	ST16-03	170th Street (Alice's Road): Mere	15,325.0	-	-	-	-	-
87	ST16-04	170th Street (Alice's Road): Wate	-	-	-	-	-	3,739.6
88	ST23-05	184th Street (Warrior Lane): Mer	-	-	-	-	-	11,950.0
Sub-Total	58%	\$ 227,932.7	28,206.0	13,690.6	50,720.5	52,081.9	30,349.0	52,884.7
STREET LIGHTING								
89	<i>Street Lighting is part of street construction, except when a stand-alone lighting project.</i>						
Sub-Total	0%	\$ -	-	-	-	-	-	-

PROJECT SUMMARY

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Page	MAP ID	(In 000's)	Calendar Year					Unprogrammed
			2023	2024	2025	2026	2027	2028-32
TRAFFIC SIGNALS								
91	TR23-01	Douglas Avenue Adaptive Signal	-	-	-	-	410.0	-
92	TR06-05	Hickman Road: Entrance to Deer	-	-	-	-	-	935.0
93	TR06-02	Hickman Road and 133rd Street	-	-	-	-	-	275.0
94	TR23-02	Meredith & NW Urbandale Drive	-	-	545.0	-	-	-
95	TR23-03	100th Street Adaptive Signal Co	-	234.0	-	-	-	-
96	TR07-01	128th Street and Plum Drive	-	-	335.0	-	-	-
97	TR07-03	156th Street and Meredith Drive	435.0	-	-	-	-	-
98	TR19-01	156th Street and Waterford Road	700.0	-	-	-	-	-
99	TR20-02	170th Street and Plum Drive	-	-	-	-	-	235.0
100	TR19-03	170th Street and Waterford Road	-	-	-	-	-	235.0
Sub-Total	1%	\$ 4,339.0	1,135.0	234.0	880.0	-	410.0	1,680.0
SUB-TOTAL by YEAR (without WATER)			86,978.3	21,530.4	60,117.5	57,890.7	74,097.4	83,346.3
WATER								
101	WA19-03	Valve Replacement Projects	75.0	75.0	75.0	75.0	75.0	375.0
102	WA19-06	Airline Drive Water Main - 66th	339.0	-	-	-	-	-
103	WA20-08	Madison Avenue Water Main - 8	38.6	-	-	-	-	-
104	WA09-03	70th St. Water Main: Douglas to	540.8	-	-	-	-	-
105	WA20-09	81st Street Water Main - Douglas	159.7	-	-	-	-	-
106	WA08-01	Monroe Court Water Main: 70th	-	344.5	-	-	-	-
107	WA18-01	Monroe Court Water Main: 72nd	-	424.0	-	-	-	-
108	WA20-04	Oliver Smith Drive Water Main -	-	291.5	-	-	-	-
109	WA20-10	Hillside Drive Water Main - Patri	-	-	400.6	-	-	-
110	WA20-11	Palm Drive Water Main - 70th to	-	-	218.0	-	-	-
111	WA16-02	Roseland Avenue Water Main: 70	-	-	340.6	-	-	-
112	WA21-03	Roseland Avenue Water Main: 72	-	-	245.3	-	-	-
113	WA20-12	71st Street Water Main - Roselan	-	-	147.2	-	-	-
114	WA21-04	Meredith Drive Water Main - Me	-	-	-	708.4	-	-
115	WA20-05	Beverly Drive Water Main - Will	-	-	-	-	150.9	-
116	WA22-04	Horton Ave. Water Main - Rollin	-	-	-	-	129.4	-
117	WA20-06	Willard Circle Water Main - Hills	-	-	-	-	332.0	-
118	WA22-05	83rd Street Water Main - Madiso	-	-	-	-	575.0	-
119	WA23-01	Urbandale Ave Water Main - 64th	-	-	-	-	274.4	-
120	WA23-02	Douglas Water Main - 104th Stre	-	-	-	-	-	1,227.2
Sub-Total	2%	\$ 7,637.1	1,153.1	1,135.0	1,426.7	783.4	1,536.7	1,602.2
TOTAL by YEAR			88,131.4	22,665.4	61,544.2	58,674.1	75,634.1	84,948.5
TOTAL ALL YEARS								
	100%	\$ 391,597.7						

PROJECT SUMMARY

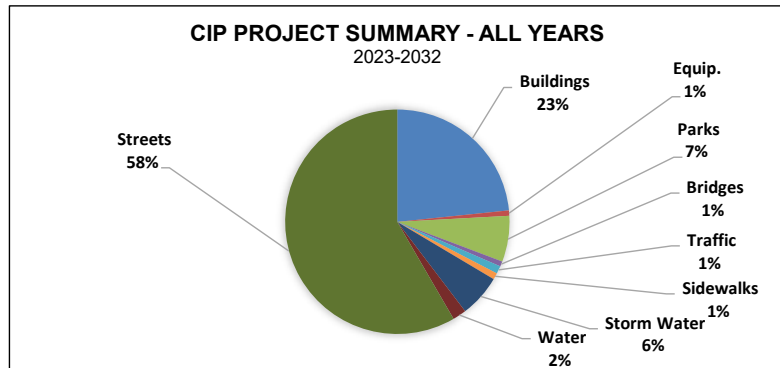
2023 - 2028+ Capital Improvements Program

Calendar Year

Unprogrammed

Page	MAP ID	(In 000's)	2023	2024	2025	2026	2027	2028-32
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CIP Project Summary - All Years		(In 000's)
Art	\$	205.20
Buildings	\$	91,376.00
Equipment	\$	2,942.00
Technology	\$	850.00
Parks	\$	25,957.70
Bridges	\$	2,725.00
Sidewalks	\$	3,695.50
Storm Water	\$	23,937.50
Streets & Lighting	\$	227,932.70
Traffic Signals	\$	4,339.00
Water	\$	7,637.10
TOTAL ALL YEARS	\$	391,597.7



CENTS per DOLLAR for the CIP PROGRAM

2023 - 2028+ Capital Improvements Program



	First 5 Years			Unprogrammed			Total CIP
	Years 1-5 (In 000's)	2023 %	2027 Cents	Years 6-10 (In 000's)	2028-32 %	2028-32 Cents	Years 1-10 Cents
Art	129.3	0.0%	\$ 0.00	75.9	0.1%	\$ 0.00	\$ 0.00
Buildings	82,761.0	27.0%	\$ 0.27	8,615.0	10.1%	\$ 0.10	\$ 0.23
Equipment	2,642.0	0.9%	\$ 0.01	300.0	0.4%	\$ 0.00	\$ 0.01
Technology	850.0	0.3%	\$ 0.00	-	0.0%	-	\$ 0.00
Parks	12,742.0	4.1%	\$ 0.04	13,215.7	15.7%	\$ 0.16	\$ 0.07
Sub-Total	99,124.3	32.3%	\$ 0.32	22,206.6	26.3%	\$ 0.26	\$ 0.31
..... Bridges	1,775.0	0.6%	\$ 0.01	950.0	1.1%	\$ 0.01	\$ 0.01
..... Sidewalks	2,695.5	0.9%	\$ 0.01	1,000.0	1.2%	\$ 0.02	\$ 0.01
..... Storm Sewers	19,312.5	6.3%	\$ 0.06	4,625.0	5.4%	\$ 0.05	\$ 0.06
..... Streets	175,048.0	57.1%	\$ 0.57	52,884.7	62.0%	\$ 0.62	\$ 0.58
..... Street Lighting	-	0.0%	-	-	0.0%	-	-
..... Traffic Signals	2,659.0	0.9%	\$ 0.01	1,680.0	2.0%	\$ 0.02	\$ 0.01
..... Water	6,034.9	1.9%	\$ 0.02	1,602.2	2.0%	\$ 0.02	\$ 0.02
Sub-Total	207,524.9	67.7%	\$ 0.68	62,741.9	73.7%	\$ 0.74	\$ 0.69
Total First 5 Years	\$ 306,649.2	100.0%	\$ 1.00	100.0%	\$ 1.00		
Total Unprogrammed	\$ 84,948.5						
TOTAL ALL YEARS	\$ 391,597.7						\$ 1.00

FUNDING SOURCES - SUMMARY

2023 - 2028+ Capital Improvements Program

City of Urbandale, Iowa

(In 000's)	Calendar Year					Unprogrammed
	2023	2024	2025	2026	2027	2028-32
ART-PUBLIC ART						
GOB	28.5	22.6	30.0	38.2	10.0	75.9
Sub-Total \$	205.2	28.5	22.6	30.0	38.2	10.0
BUILDINGS						
GOB	700.0	-	506.0	-	-	700.0
<GOB Prior Issued Debt to Deduct>	60.0	-	-	-	-	-
Bond Referendum	43,000.0	-	-	-	36,400.0	7,885.0
Capital Project Funds	-	-	-	700.0	-	-
General	-	-	-	15.0	-	30.0
Local Option Sales Tax	760.0	-	-	-	-	-
<TIF Prior Issued Debt to Deduct>	620.0	-	-	-	-	-
Sub-Total \$	91,376.0	45,140.0	506.0	715.0	36,400.0	8,615.0
<Less> GOB Prior Issued Debt to De	(60.0)	-	-	-	-	-
<Less> TIF Prior Issued Debt to Dedu	(620.0)	-	-	-	-	-
Sub-Total \$	90,696.0	44,460.0	506.0	715.0	36,400.0	8,615.0
EQUIPMENT						
GOB	210.0	1,711.2	-	600.0	-	300.0
<GOB Prior Issued Debt to Deduct>	80.8	-	-	-	-	-
Capital Project Fund	40.0	-	-	-	-	-
Sub-Total \$	2,942.0	330.8	1,711.2	600.0	-	300.0
<Less> GOB Prior Issued Debt to De	(80.8)	-	-	-	-	-
Sub-Total \$	2,861.2	250.0	1,711.2	600.0	-	300.0
TECHNOLOGY						
GOB	150.0	300.0	-	-	-	-
<GOB Prior Issued Debt to Deduct>	400.0	-	-	-	-	-
Sub-Total \$	850.0	550.0	300.0	-	-	-
<Less> GOB Prior Issued Debt to De	(400.0)	-	-	-	-	-
Sub-Total \$	450.0	150.0	300.0	-	-	-
PARKS						
GOB	1,255.0	3,550.5	2,385.0	2,682.0	830.0	4,978.2
<GOB Prior Issued Debt to Deduct>	43.0	50.0	-	-	-	-
Capital Project Fund	340.0	294.5	75.0	75.0	-	375.0
Bond Referendum	-	-	-	-	-	6,675.0
General	120.0	120.0	120.0	120.0	120.0	615.0
Private	125.0	287.0	-	150.0	-	572.5
Sub-Total \$	25,957.7	1,883.0	4,302.0	2,580.0	3,027.0	950.0
<Less> GOB Prior Issued Debt to De	(43.0)	(50.0)	-	-	-	-
Sub-Total \$	25,864.7	1,840.0	4,252.0	2,580.0	3,027.0	950.0
BRIDGES						
GOB	-	-	1,110.0	-	-	950.0
Private	-	-	665.0	-	-	-
Sub-Total \$	2,725.0	-	1,775.0	-	-	950.0
SIDEWALKS						
GOB	100.0	100.0	100.0	100.0	303.4	500.0
TIF - NWMC	-	35.0	92.5	451.1	-	-
<TIF Prior Issued Debt to Deduct>	805.0	-	-	-	-	-
Special Assessment	100.0	135.0	146.0	127.5	100.0	500.0
Sub-Total \$	3,695.5	1,005.0	270.0	338.5	678.6	403.4
<Less> TIF Prior Issued Debt to Dedu	(805.0)	-	-	-	-	-
Sub-Total \$	2,890.5	200.0	270.0	338.5	678.6	403.4
STORM WATER						
GOB	-	400.0	1,375.0	400.0	3,750.0	1,800.0
Stormwater Utility Fund	1,925.0	600.0	1,912.5	350.0	1,725.0	2,825.0
Local Option Sales Tax	6,180.0	-	-	-	-	-
TIF - DUNA	595.0	-	-	-	100.0	-
Sub-Total \$	23,937.5	8,700.0	1,000.0	3,287.5	750.0	5,575.0

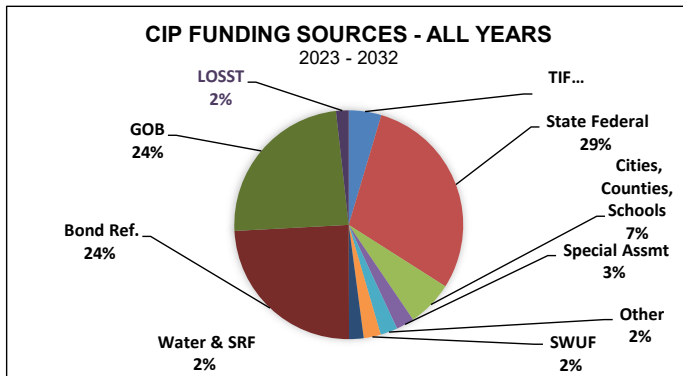
**FINANCIAL
FUNDING SOURCES
2023 - 2028+ Capital Improvements Program
City of Urbandale, Iowa**

(In 000's)	Calendar Year					Unprogrammed
	2023	2024	2025	2026	2027	2028-32
STREETS						
GOB	6,226.5	6,180.0	7,763.0	9,406.3	4,300.0	16,493.5
<GOB Prior Issued Debt to Deduct>	8,183.5	300.0	-	-	-	-
Alternative TBD	-	-	-	-	-	2,825.5
Capital Project Fund	1,062.5	237.5	150.0	150.0	150.0	1,223.6
Road Use	2,318.5	2,743.1	2,459.8	2,533.5	2,609.5	14,269.8
IDOT	-	-	34,200.0	32,810.0	18,000.0	-
Other Cities	2,000.0	355.0	2,339.2	3,339.6	4,000.0	11,330.2
County	-	-	-	-	-	1,794.8
STP	600.0	-	-	-	-	-
Special Assessment	1,300.0	-	1,165.6	2,062.5	-	4,307.3
Federal	750.0	-	1,000.0	-	-	-
Private	-	-	-	20.0	-	-
Stormwater Utility Fund	-	-	-	-	-	-
Water Utility	465.0	-	-	-	-	-
TIF - DUNA	-	2,000.0	-	-	-	-
TIF - NWMC	2,000.0	1,875.0	1,375.0	1,760.0	1,289.5	640.0
<TIF Prior Issued Debt to Deduct>	3,300.0	-	267.9	-	-	-
Sub-Total \$	227,932.7	28,206.0	13,690.6	50,720.5	52,081.9	30,349.0
<Less> GOB Prior Issued Debt to De	(8,183.5)	(300.0)	-	-	-	-
<Less> TIF Prior Issued Debt to Dedu	(3,300.0)	-	(267.9)	-	-	-
Sub-Total \$	215,881.3	16,722.5	13,390.6	50,452.6	52,081.9	30,349.0
TRAFFIC SIGNALS						
GOB	1,135.0	-	-	-	410.0	490.0
TIF - NWMC	-	84.0	522.5	-	-	-
Federal	-	144.0	-	-	-	-
Other Cities	-	6.0	22.5	-	-	137.5
Private	-	-	335.0	-	-	1,052.5
Sub-Total \$	4,339.0	1,135.0	234.0	880.0	410.0	1,680.0
<Less> GOB Prior Issued Debt to De	-	-	-	-	-	-
<Less> TIF Prior Issued Debt to Dedu	-	-	-	-	-	-
Sub-Total \$	4,339.0	1,135.0	234.0	880.0	410.0	1,680.0
SUB-TOTAL by YEAR (without WATER)						
	86,978.3	21,530.4	60,117.5	57,890.7	74,097.4	83,346.3
WATER						
Water Revenue	1,153.1	1,135.0	1,426.7	783.4	1,536.7	1,602.2
SRF-State Revolving Fund	-	-	-	-	-	-
Sub-Total \$	7,637.1	1,153.1	1,135.0	783.4	1,536.7	1,602.2
TOTAL by YEARS						
	88,131.4	22,665.4	61,544.2	58,674.1	75,634.1	84,948.5
\$ 391,597.7						
<Less> GOB & TIF Prior Issued Debt to Deduct	(13,492.3)	(350.0)	(267.9)	-	-	-
After Prior Debt Issued Deducted	74,639.1	22,315.4	61,276.3	58,674.1	75,634.1	84,948.5
\$ 377,487.5						
<Less> Prior Allocations	-	-	-	-	-	-
After Prior Allocations Deducted	74,639.1	22,315.4	61,276.3	58,674.1	75,634.1	84,948.5
\$ 377,487.5						

**FINANCIAL
FUNDING SOURCES
2023 - 2028+ Capital Improvements Program
City of Urbandale, Iowa**

(In 000's)	Calendar Year					Unprogrammed
	2023	2024	2025	2026	2027	2028-32
SUMMARY by FUNDING SOURCES:						
GOB	9,805.0	12,264.3	13,269.0	13,226.5	9,603.4	26,287.6
GOB Prior Issued Debt to Deduct	8,767.3	350.0	-	-	-	-
GOB - Capital Loan Notes	-	-	-	-	-	-
TIF - DUNA	595.0	2,000.0	-	-	100.0	-
TIF - NWMC	2,000.0	1,994.0	1,990.0	2,211.1	1,289.5	640.0
TIF Prior Issued Debt to Deduct	4,725.0	-	267.9	-	-	-
Local Option Sales Tax	6,940.0	-	-	-	-	-
Road Use	2,318.5	2,743.1	2,459.8	2,533.5	2,609.5	14,269.8
State	-	-	34,200.0	32,810.0	18,000.0	-
Federal	1,350.0	144.0	1,000.0	-	-	-
Other Cities	2,000.0	361.0	2,361.7	3,339.6	4,000.0	11,467.7
County	-	-	-	-	-	1,794.8
Bond Referendum	43,000.0	-	-	-	36,400.0	14,560.0
Special Assessment	1,400.0	135.0	1,311.6	2,190.0	100.0	4,807.3
General Fund	120.0	120.0	120.0	135.0	120.0	645.0
General Fund - Prior Allocation	-	-	-	-	-	-
Building Maintenance Fund	-	-	-	-	-	-
School District	-	-	-	-	-	-
SWUF Stormwater Utility Fund	1,925.0	600.0	1,912.5	350.0	1,725.0	2,825.0
SWUF Stormwater Utility Fund - Prior	-	-	-	-	-	-
Capital Project Fund	1,442.5	532.0	225.0	925.0	150.0	1,598.6
Capital Project Fund - Prior Allocation	-	-	-	-	-	-
Hotel/Motel	-	-	-	-	-	-
Parkland	-	-	-	-	-	-
Parkland - Prior Allocation	-	-	-	-	-	-
Private	125.0	287.0	1,000.0	170.0	-	1,625.0
Water Utility	465.0	-	-	-	-	-
Water Revenue	1,153.1	1,135.0	1,426.7	783.4	1,536.7	1,602.2
SRF-State Revolving Loan-Water	-	-	-	-	-	-
Alternative TBD	-	-	-	-	-	2,825.5
TOTAL by YEAR	88,131.4	22,665.4	61,544.2	58,674.1	75,634.1	84,948.5
\$	391,597.7	-	-	-	-	-
<Less> GOB Prior Issued Debt to De	(8,767.3)	(350.0)	-	-	-	-
<Less> TIF Prior Issued Debt to Ded	(4,725.0)	-	(267.9)	-	-	-
<Less> GOB & TIF Prior Issued Deb	(13,492.3)	(350.0)	(267.9)	-	-	-
After Prior Debt Issued Deducted	74,639.1	22,315.4	61,276.3	58,674.1	75,634.1	84,948.5
\$	377,487.5					
<Less> Prior Allocations	-	-	-	-	-	-
After Prior Allocations Deducted	-	-	-	-	-	-
\$	377,487.5	74,639.1	22,315.4	61,276.3	75,634.1	84,948.5

CIP Funding Sources - All Years	(In 000's)
GOB	\$ 93,573.1
TIF	17,812.5
Local Option Sales Tax	6,940.0
State Federal	114,438.2
Cities & Counties	25,324.8
Special Assmt	9,943.9
Other	9,340.1
SWUF	9,337.5
Water	8,102.1
Alternative	2,825.5
Bond Ref.	93,960.0
TOTAL ALL YEARS	\$ 391,597.7





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

2023 - 2028+ Capital Improvements Program

	Calendar Year					Unprogrammed 2028-32
	2023	2024	2025	2026	2027	
GENERAL FUND						
BUILDINGS						
Fire Station #41 Replacement	-	-	-	-	-	15.0
Fire Station #32 Replacement	-	-	-	-	-	15.0
Police Station Expansion/ Parking	-	-	-	15.0	-	-
Sub-Total	-	-	-	15.0	-	30.0
PARKS						
Playground Replacements - Various Locations	75.0	75.0	75.0	75.0	75.0	375.0
Shelters and Flushable Restrooms - Various Locations	45.0	45.0	45.0	45.0	45.0	225.0
WCRP: Regional Park Shelter - Enclosed Shelter / N	-	-	-	-	-	15.0
Sub-Total	120.0	120.0	120.0	120.0	120.0	615.0
TOTAL GENERAL FUND	\$ 120.0	\$ 120.0	\$ 120.0	\$ 135.0	\$ 120.0	\$ 645.0
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	875.0	-	-	-	-	-
Intake Rebuilding Program	500.0	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	-	-	1,312.5	-	-	-
Storm Sewer Ext. to Merle Hay Reinvestment	-	-	-	-	125.0	-
66th St. Storm Sewer Improvements Meredith to Tox	-	-	-	-	1,250.0	-
TOTAL STORM WATER UTILITY	\$ 1,925.0	\$ 600.0	\$ 1,912.5	\$ 350.0	\$ 1,725.0	\$ 2,825.0
ROAD USE FUND						
STREETS						
Annual Street Rehabilitation Program	1,918.5	968.6	2,459.8	2,533.5	2,609.5	14,269.8
Aurora Ave. Preservation 86th to Tanglewood	400.0	-	-	-	-	-
Douglas Avenue Urbanization	-	1,419.5	-	-	-	-
142nd St.: Waterford Rd. to North Corporate Limit	-	355.0	-	-	-	-
TOTAL ROAD USE FUND	\$ 2,318.5	\$ 2,743.1	\$ 2,459.8	\$ 2,533.5	\$ 2,609.5	\$ 14,269.8



TIF PROJECTS - DETAIL

TIF (Tax Increment Financing) 2023 - 2028+ Capital Improvements Program

TIF Dist.	Calendar Year					Unprogrammed
	2023	2024	2025	2026	2027	2028-32
SIDEWALKS						
Hickman Trail Construction - 100th Stre	-	-	-	423.6	-	-
114th Street Sidewalk Construction - Dc	-	35.0	92.5	27.5	-	-
Sub-Total	-	35.0	92.5	451.1	-	-
STORM WATER						
Merle Hay Reinvestment District Stormw	595.0	-	-	-	-	-
Storm Sewer Extension to the Merle Ha	-	-	-	-	100.0	-
Sub-Total	595.0	-	-	-	100.0	-
STREETS						
Community Entrance Signage	300.0	-	-	-	-	-
Douglas Ave. Preservation: 111th to 121	-	-	-	290.0	-	-
Douglas Ave. Urbanization	-	2,000.0	-	-	-	-
Douglas Ave. Urbanization	-	-	1,000.0	450.0	-	-
Douglas Avenue Railroad Crossing Rep	-	-	-	20.0	-	-
Justin Dr. Preservation 100th to 109th	-	900.0	375.0	-	-	-
Meredith Dr. Preservation 104th to 121s	1,700.0	275.0	-	-	-	-
Northpark Drive and Plum Drive Preser	-	-	-	-	589.5	-
N.W. Urbandale Dr. Preservation Dougl	-	-	-	1,000.0	700.0	-
111th Street Paving	-	-	-	-	-	640.0
121st Street Preservation - Douglas to M	-	700.0	-	-	-	-
Sub-Total	2,000.0	3,875.0	1,375.0	1,760.0	1,289.5	640.0
TRAFFIC SIGNALS						
Meredith & NW Urbandale Dr. Adaptiv	-	-	522.5	-	-	-
100th St. Adaptive Signal Coord.	-	84.0	-	-	-	-
Sub-Total	-	84.0	522.5	-	-	-
TOTAL TIF						
	\$ 2,595.0	\$ 3,994.0	\$ 1,990.0	\$ 2,211.1	\$ 1,389.5	\$ 640.0



ART in PUBLIC PLACES
Public Art Committee
2023 - 2028+ Capital Improvements Program
Eligible Newly Issued GOB and TIF Debt Funding
City of Urbandale, Iowa

SUMMARY	2023	2024	2025	2026	2027	Unprogrammed 2028-32
Buildings GOB & TIF issued debt	\$ 700.0	\$ -	\$ -	\$ -	\$ -	\$ 300.0
Parks GOB & TIF issued debt	-	1,008.0	1,000.0	532.0	-	1,335.0
ARTerial Bridges GOB & TIF issued debt	-	-	-	-	-	950.0
ARTerial Streets GOB & TIF issued debt	2,150.0	1,250.0	2,000.0	3,290.0	1,000.0	5,000.0
TOTAL	2,850.0	2,258.0	3,000.0	3,822.0	1,000.0	7,585.0
Public Art based on % of G 1.0%						
<i>in 000's of Dollars:</i>	\$ 28.5	\$ 22.6	\$ 30.0	\$ 38.2	\$ 10.0	\$ 75.9
DETAIL of Eligible GOB or TIF Projects						
	2023	2024	2025	2026	2027	Unprogrammed 2028-32
BUILDINGS						
Parks Maint./City Admin. Office Expansion	700.0	-	-	-	-	300.0
Sub-Total	700.0	-	-	-	-	300.0
PARKS						
Trail: Raccoon River Valley Regional Trail C	-	-	-	-	-	335.0
Trail: Waterford Road to Dallas County Uni	-	-	-	532.0	-	-
WCRP: Park Roadway System: Douglas Par	-	-	1,000.0	-	-	-
WCRP: Regional Park Shelter – Enclosed Sl	-	-	-	-	-	1,000.0
WCRP: Regional Playground in Facilities A	-	700.0	-	-	-	-
WCRP: Trail System - Interior Access	-	308.0	-	-	-	-
Sub-Total	-	1,008.0	1,000.0	532.0	-	1,335.0
BRIDGES						
Waterford Road Bridge - Over Walnut Creel	-	-	-	-	-	950.0
Sub-Total	-	-	-	-	-	950.0
STREETS						
Douglas Avenue Preservation: 111th Street t	-	-	-	290.0	-	-
Hickman Interchange Improvements	-	-	-	-	1,000.0	-
Hickman Road/ U.S. Highway 6 at 128th St	750.0	250.0	-	-	-	-
Meredith Drive Preservation: 86th Street to 1	-	-	1,000.0	-	-	-
Meredith Drive Preservation: 104th Street to	-	1,000.0	-	-	-	-
Meredith Drive: 170th Street to 184th Street	-	-	-	1,000.0	-	-
N.W. Urbandale Drive Preservation: Dougla	-	-	-	1,000.0	-	-
N.W. 54th Avenue: From 1,000 feet west of	-	-	-	-	-	-
Waterford Road Extension West of 170th St	-	-	-	-	-	1,000.0
128th Street Preservation: Douglas Avenue t	400.0	-	-	-	-	-
142nd Street: Douglas Parkway to Meredith	-	-	-	-	-	1,000.0
142nd Street: Meredith Drive to Waterford F	-	-	1,000.0	-	-	-
142nd Street: Waterford Road to North Corp	-	-	-	-	-	1,000.0
156th Street: Waterford Road to Meadow D	-	-	-	1,000.0	-	-
170th Street (Alice's Road): Meredith Drive	1,000.0	-	-	-	-	-
170th Street (Alice's Road): Waterford Road	-	-	-	-	-	1,000.0
184th Street (Warrior Lane): Meredith Drive	-	-	-	-	-	1,000.0
Sub-Total	2,150.0	1,250.0	2,000.0	3,290.0	1,000.0	5,000.0
TOTAL by YEAR	2,850.0	2,258.0	3,000.0	3,822.0	1,000.0	7,585.0

\$	20,515.0	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)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	205.2	28.5	22.6	30.0	38.2	10.0	75.9
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	205.2	28.5	22.6	30.0	38.2	10.0	75.9

FUNDING SOURCES							
GOB	205.2	28.5	22.6	30.0	38.2	10.0	75.9
	-						
	-						
TOTAL	205.2	28.5	22.6	30.0	38.2	10.0	75.9

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.



BUILDING**Community Recreation Complex**

PURPOSE	BU08-02 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	43,000.0	43,000.0					
Storm Wtr Cnst.	-						
TOTAL	43,000.0	43,000.0	-	-	-	-	-

FUNDING SOURCES							
Bond Referendum	43,000.0	43,000.0					
	-						
	-						
TOTAL	43,000.0	43,000.0	-	-	-	-	-

Description: Proposed is the design and construction of a Community Recreation Complex in the Walnut Creek Regional Park. The Community Recreation Complex would include a recreation facility for the programming of youth, adult and senior activities, recreational opportunities, educational programs, and rental space. The facility could include a walking track, gyms, varied rental spaces, and an indoor playground. In addition, the Community Recreation Complex would include an outdoor regional playground, shade and leisure areas, pickleball court, and a splashpad. A firm has been hired to prepare cost estimates for the construction and operations of a complex, seek community input on the specific amenities to be included in the facility, and to conduct a community awareness campaign prior to a planned March 7, 2023, bond referendum vote.

Justification: Community input was received from two community wide scientifically valid surveys of registered Urbandale voters in 2022, and it indicated strong support for the community to move forward with a Community Recreation Complex. Questions from the survey also indicated a level of support for a threshold up to \$50 million for the project. This supports community feedback previously gained from the 2018 Parks, Recreation and Community Open Space study, which also reflected interest from the community for a recreation focused facility.

Project Status:

Conceptual designs, and cost estimates for the construction and operations of the complex are currently under contract and anticipated to be completed by December 2022. The City Council would decide on the not to exceed bonding threshold and wording for a bond referendum question by January 2023. A community awareness campaign will be conducted throughout the community in January and February of 2023, in preparation for a 2023 Bond Referendum vote on March 7, 2023.

Effect on Operating Budget: The annual cost would be determined by the size and specific amenities included in the Community Recreation Complex.

BUILDING**FAST Training Building Upgrade**

PURPOSE	BU22-01 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	40.0	40.0					
Construction	20.0	20.0					
Storm Wtr Cnst.	-						
TOTAL	60.0	60.0	-	-	-	-	-

FUNDING SOURCES							
Previously Issued	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 and third floors, 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: Materials for improving the tower have been ordered. We are still working to process an Erector/Installer company to complete the planned upgrades. Due to the nature of the work, it needs to be completed by a contractor experienced with Fire Facility installations. We have reached out to four companies and are working to finalize an agreement, but have been having difficulty getting them to submit a bid. It is our intent to complete this process in the Fall of 2022 and complete installation by the Spring of 2023.

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	BU22-02 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	420.0						420.0
Acquisition	100.0						100.0
Construction	6,500.0						6,500.0
Storm Wtr Cnst.	-						
TOTAL	7,020.0	-	-	-	-	-	7,020.0

FUNDING SOURCES							
Bond Referendum	7,005.0						7,005.0
GOB	-						
General	15.0						15.0
TOTAL	7,020.0	-	-	-	-	-	7,020.0

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 has been selected 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 would 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**Fire Station #42 Expansion**

PURPOSE	BU23-01 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	80.0						80.0
Acquisition	15.0						15.0
Construction	800.0						800.0
Storm Wtr Cnst.	-						
TOTAL	895.0	-	-	-	-	-	895.0

FUNDING SOURCES							
Bond Referendum	880.0						880.0
General	15.0						15.0
	-						
TOTAL	895.0	-	-	-	-	-	895.0

Description: Proposed is the expansion of the office area of Station #42. To accommodate this expansion, the office space would be expanded to the south, creating a new front entrance to the station where the Administrative Technician will be housed. New office areas and repurposing of the existing open space in the entry area of the current offices would occur. The project would include 1,360 square feet of new construction and renovation of existing open space.

Justification: Currently, the Fire Marshal is located at Station #41. The coordination of administrative processes would be greatly improved by having the Fire Marshal and those assigned to that position located at the administrative headquarters. This would necessitate the addition of an office space for the Fire Marshal and space for the part-time position currently assigned, and future additions to the community risk reduction assignment.

Additionally, the addition of a new position is being proposed which will also increase the need for an additional office space. The Battalion Chief position will create a need for an additional office. This office would be a shared space between three rotating Battalion Chiefs. It should be sized to accommodate three desks/work areas in a shared office space.

Project Status: No plans have been created.

Effect on Operating Budget: It is not projected to increase the operating cost of the station significantly.

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

PURPOSE	BU21-01 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	30.0	30.0					
Acquisition	-						
Construction	590.0	590.0					
Storm Wtr Cnst.	-						
TOTAL	620.0	620.0	-	-	-	-	-

FUNDING SOURCES							
GOB	-						
Prev. Issue (NWM)	620.0	620.0					
	-						
TOTAL	620.0	620.0	-	-	-	-	-

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 is in progress with an anticipated letting in the fall of 2022 or winter of 2023. Availability of materials may cause construction delays.

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**Parks Maint./City Admin. Office Expansion**

PURPOSE	BU14-01 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	120.0	60.0					60.0
Acquisition	-						
Construction	1,280.0	640.0					640.0
Storm Wtr Cnst.	-						
TOTAL	1,400.0	700.0	-	-	-	-	700.0

FUNDING SOURCES							
GOB	1,400.0	700.0					700.0
	-						
	-						
TOTAL	1,400.0	700.0	-	-	-	-	700.0

Description: Proposed is a building expansion to accommodate future staff and services. Phase II would include re-purposing the vacated Parks Maintenance Facility office area located just south of the City Hall Parking Lot and moving the Parks and Recreation Administrative office to that location. This would allow for additional space for other City operations at City Hall. Additional expansion options would be necessary in the future as City operations continue to grow.

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). A space planning study was completed in 2014 for both sides of the complex. In 2013, an Economic Development department was added in the administrative wing. Phase I: 2015, the copy room in the administrative wing was remodeled to create 2 offices to accommodate additional staff. Future expansion could occur to either one or both of the joined buildings in the complex.

Project Status: Design plans for Phase II are finalized, the project could be constructed in 2023.

Phase I, 2015: The City Hall copy room in the administrative wing was remodeled to create 2 offices to accommodate additional staff.

Phase II, 2023 (\$700K): Construct offices at the Parks Maintenance Facility, for the Parks and Recreation Administrative Services to relocate there. Design is complete, with construction estimated to be complete by summer 2023.

Unprogrammed–Phase III: Additional expansion options would be necessary in the future as City operations continue to grow. This phase would include design and construction of 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**Police Station Replacement**

PURPOSE	BU17-02 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	700.0				700.0		
Acquisition	15.0				15.0		
Construction	36,400.0					36,400.0	*
Storm Wtr Cnst.	-						
TOTAL	37,115.0	-	-	-	715.0	36,400.0	-

FUNDING SOURCES							
Capital Projects	700.0				700.0		
Bond Referendum	36,400.0					36,400.0	*
General	15.0				15.0		
TOTAL	37,115.0	-	-	-	715.0	36,400.0	-

Description: Proposed is a new 70,000 square foot Police Station to include covered and secured parking for the Police Patrol fleet and uncovered employee parking. The current facility at 23,241 square feet is well over capacity for current operations. Continued growth of the department as the city population increases has made use of the current facility impractical. A recent study has indicated expansion the current facility is no longer a reasonable alternative.

Justification: The Police Station was constructed in 1981 at 12,170 square feet. In 2008, it was increased to its current size of 23,241 square feet. The current workforce is 58 sworn officers, 9 civilians employees, and 10 reserve officers. Projected growth of the department over the next 10 years estimates a workforce of 69 sworn officers, 10 civilians employees and 12 reserve officers. A recent facilities study has indicated the appropriate building size for the current workforce and anticipated growth should be approximately 70,000 square feet. The cost of a new law enforcement building was estimated at \$520/square foot.

Project Status: As the facilities study only indicated the current facility is not suitable to meet current or future needs and estimated the size of a new facility, a study will be undertaken in FY23 to identify a suitable location for the project as well and a more in-depth determination of size requirements. As overcrowding has reached a critical point, it is requested the project be programed for design in 2026 and construction beginning in 2027.

Effect on Operating Budget: This project would replace the current facility resulting in a significant increase in operating costs due to the increase in building size. Some efficiencies would be gained through updated HVAC and lighting.

* This number is subject to change as the space needs of the Urbandale Police Dept. are identified in greater detail.

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

PURPOSE	BU21-02 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	66.0			66.0			
Acquisition	-						
Construction	1,200.0	760.0		440.0			
Storm Wtr Cnst.	-						
TOTAL	1,266.0	760.0	-	506.0	-	-	-

FUNDING SOURCES							
GOB	506.0	-		506.0			
Local Option Sales	760.0	760.0					
	-						
TOTAL	1,266.0	760.0	-	506.0	-	-	-

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, a fuel station and a storage building with a small breakroom and restroom facilities have been constructed. The salt storage building is planned to be completed in 2023. In 2025 is the addition of material bunkers and additional site paving.

Justification: The salt storage building is being added to cut down on travel time for City employees working in the western portion of Urbandale. The material bunkers and site paving will also cut down on staff travel time.

Project Status: Design has started on the salt building 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.

EQUIPMENT**Fire Ladder Truck Replacement**

EQ22-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,323.7		1,323.7				
Storm Wtr Cnst.	-						
TOTAL	1,323.7	-	1,323.7	-	-	-	-

FUNDING SOURCES							
GOB	1,323.7		1,323.7				
	-						
	-						
TOTAL	1,323.7	-	1,323.7	-	-	-	-

Description: Proposed is the planned replacement of the department's 2005 75 ft. 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 has been completed. The order has been placed with the manufacturer. 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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	210.0	210.0					
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	210.0	210.0	-	-	-	-	-

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

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

Justification: This project will provide much needed ability to ventilate 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. Proposed is 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 in. 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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	600.0				600.0		
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	600.0	-	-	-	600.0	-	-

FUNDING SOURCES							
GOB	600.0				600.0		
	-						
	-						
TOTAL	600.0	-	-	-	600.0	-	-

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	387.5		387.5				
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	387.5	-	387.5	-	-	-	-

FUNDING SOURCES							
GOB	387.5		387.5				
	-						
	-						
TOTAL	387.5	-	387.5	-	-	-	-

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 the replacement ladder truck have been completed. The order has been placed with the manufacturer. 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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	300.0						300.0
Storm Wtr Cnst.	-						
TOTAL	300.0	-	-	-	-	-	300.0

FUNDING SOURCES							
GOB	300.0						300.0
	-						
	-						
TOTAL	300.0	-	-	-	-	-	300.0

Description: Proposed is the purchase of a Fire 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 a 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	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	2.5	2.5					
Acquisition	-						
Construction	118.3	118.3					
Storm Wtr Cnst.	-						
TOTAL	120.8	120.8	-	-	-	-	-

FUNDING SOURCES							
Capital Projects	40.0	40.0					
Prev. Issued	80.8	80.8					
	-						
TOTAL	120.8	120.8	-	-	-	-	-

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 increasing the need for 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 and Zoning approval was completed in March 2022. The project was put out for bid but a group of local contractors representing the National Utility Contractor's Association approached the department offering to become involved in the project, making it a joint training project. The Bid was pulled and conversations with this group have been on-going since June. Adjustments to the project are being made and the group is offering to partner with the department on construction costs. Additional funds have been requested due to increased construction and materials costs. Currently the goal is to re-submit adjusted drawings to Planning and Zoning in Fall 2022, with construction to occur in the Spring 2023.

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	850.0	550.0	300.0				
Storm Wtr Cnst.	-						
TOTAL	850.0	550.0	300.0	-	-	-	-

FUNDING SOURCES							
GOB	450.0	150.0	300.0				
Previous Issue	400.0	400.0					
	-						
TOTAL	850.0	550.0	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 2023 is a redundant route for Fire Station #42 and #43 with the use of conduit that was installed in 2021 and 2022. Proposed in 2024 is a redundant route to the satellite maintenance facility at 170th Street and Waterford Road.

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



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

PURPOSE	PK06-08 Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
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 2028-32
		2023	2024	2025	2026	2027	
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 have been started.

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 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	335.0						335.0
Storm Wtr Cnst.	-						
TOTAL	335.0	-	-	-	-	-	335.0

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

Description: Proposed is the remaining construction phase to complete the existing Raccoon River Valley Trail section through Urbandale. This project would provide a 10 ft. wide trail from the Rocklyn Creek Drive cul-de-sac and would be completed to the south and east at the Raccoon Valley Regional Trail, at the Walnut Creek Bridge at Hickman Road. This project would provide significant trail links from Douglas Parkway, the Raccoon Valley Regional Trail system, and the City of Clive.

Justification: This remaining trail will provide a significant connection in the trail system, as currently there is a gap in the trail, where street access is required from the Rocklyn Creek Drive cul-de-sac to Hickman Road. This project would provide significant trail links from Douglas Parkway, the Raccoon Valley Regional Trail system, and to the City of Clive. A pedestrian easement is required for this trail, and it would become a top priority when this occurs.

Project Status: Plans will need to be created.

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 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	32.0				32.0		
Acquisition	-						
Construction	500.0				500.0		
Storm Wtr Cnst.	-						
TOTAL	532.0	-	-	-	532.0	-	-

FUNDING SOURCES							
GOB	532.0				532.0		
	-						
	-						
TOTAL	532.0	-	-	-	532.0	-	-

Description: Proposed is a 10ft 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	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	90.0		25.0		25.0		40.0
Acquisition	-						
Construction	965.0		240.0		225.0		500.0
Storm Wtr Cnst.	-						
TOTAL	1,055.0	-	265.0	-	250.0	-	540.0

FUNDING SOURCES							
GOB	847.0		57.0		250.0		540.0
Capital Projects	190.0		190.0				
Private Donation	18.0		18.0				
TOTAL	1,055.0	-	265.0	-	250.0	-	540.0

Description: Proposed is Phase II of the natural playscape project, which would include additional natural play amenities north of the existing park features. This new section would include an obstacle course, climbing tunnel and paved path for accessibility. Future phases would include a rope tunnel, Eagles Nest structure, storm water infrastructure, internal trails, north entrance with art sculpture, bioretention basin, and rain garden, as well as a steel truss bridge over the creek on the east side of the park. This bridge would connect the neighborhood on the east side of the park to the amenities on the west side.

Justification: Barrett Boesen Park and Natural Playscape provides a regional destination for nature-based programming and environmental stewardship. It is the first park of its kind in Urbandale, and one of only three in the DSM metro area. The park includes a creek lined with mature 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 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. Phase I of the park, which was completed in 2022, is extremely popular, and continued development of the park will enhance outdoor education and creative play opportunities for the entire region.

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

Phase I, 2022 (\$571K): A 24-stall parking lot, open shelter with restroom and ADA accessible trails were constructed, which connected to different ‘play pods’ elements, landscaping, water play elements, creek access and site furnishings.

Phase II, 2024 (\$265K): Would include an obstacle course, climbing boulder, and paved path for accessibility.

Phase III, 2026 (\$250K): 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 IV, 2028+ (Unprogrammed): Would include a rope tunnel, storm water infrastructure, internal trails, north entrance with art sculpture, water play area, obstacle course, bioretention basin, rain garden and parking lot expansion.

Effect on Operating Budget: There will be operating cost for the park, including mowing, turf maintenance, maintenance of the restroom and open shelter, maintenance of wood play features, replenishing "loose play"

PARKS

Indoor/Outdoor Recreation Mini-plex

PK23-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	160.0		50.0		50.0		60.0
Acquisition	-						
Construction	1,940.0		650.0		650.0		640.0
Storm Wtr Cnst.	-						
TOTAL	2,100.0	-	700.0	-	700.0	-	700.0

FUNDING SOURCES							
GOB	2,100.0		700.0		700.0		700.0
	-						
	-						
TOTAL	2,100.0	-	700.0	-	700.0	-	700.0

Description: Proposed is a multi-phase project to create recreation amenities just south of the City Hall and Library parking lot (old park maintenance facility site.) The plan would be to convert the unused garage bay areas at the facility into usable recreation space. It should be noted that there are specific stipulations on this parcel of land that were part of the original purchase agreement, that requires it be used for recreation purposes.

The project could include re-purposing the garage bays into community recreation space, and an indoor pickleball/basketball court or playground. Other improvements would include the required additional parking lot, updating the HVAC, electrical and restroom, etc. Outdoor features could include a splash pad, mini golf, picnic and gathering space, etc.

Justifications: As we seek to expand recreation opportunities in western Urbandale, it will be important to provide additional recreation amenities on the eastern side of the community as well.

A portion of the existing park maintenance facility would be available for additional amenities, and provide a great opportunity to expand recreation opportunities for our patrons.

This is an ideal site for a recreation mini-plex, as it is located immediately next to the City Hall Complex, and the Urbandale Library, along a public transportation route, and in close proximity to several well-established Urbandale neighborhoods. It would also be located along the highest used trail in Urbandale's 54-mile trail system (through Colby Woods).

Project Status: Design plans would need to be completed.

Phase I, 2024 (\$700K): Multipurpose space and parking lot.

Phase II, 2026 (\$700K): Indoor pickleball/basketball court or indoor playground, outdoor programming space/picnic area.

Phase III, 2028 (\$700K): Outdoor Splashpad and mini golf.

Effect on Budget: Impact on budget would be determined as phasing elements are developed.

PARKS

Jackaline Baldwin Dunlap Park and Arboretum

PK19-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	205.0		30.0				175.0
Acquisition	-						
Construction	1,461.0		191.0		300.0		970.0
Storm Wtr Cnst.	-						
TOTAL	1,666.0	-	221.0	-	300.0	-	1,145.0

FUNDING SOURCES							
GOB	833.0		110.5		150.0		572.5
Dunlap Found.	833.0		110.5		150.0		572.5
	-						
TOTAL	1,666.0	-	221.0	-	300.0	-	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.

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. The Jackaline Baldwin Dunlap Foundation is committed to funding 50% of all capital improvements at the park.

Phase I (\$80K): of the Master Plan was completed in 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 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 2021.

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

Phase V, 2026 (\$300K): Construction of a flushable restroom (Design in 2025).

Phase VI, 2028+: future projects outlined in the Master Plan include prairie restoration, bioswale, drainage improvements, rain garden, 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 and Improvements

PK22-01 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	480.0	60.0	60.0		60.0		300.0
Acquisition	-						
Construction	5,420.0	640.0	640.0		640.0		3,500.0
Storm Wtr Cnst.	-						
TOTAL	5,900.0	700.0	700.0	-	700.0	-	3,800.0

FUNDING SOURCES							
GOB	2,100.0	700.0	700.0		700.0		
Bond Referendum	3,800.0						3,800.0
	-						
TOTAL	5,900.0	700.0	700.0	-	700.0	-	3,800.0

Description: Proposed is the construction of an enhanced recreation area at Lions Park, to include a fully ADA accessible sprayground, 4 new pickle ball courts, 3 half basketball courts, and a tennis court marked with pickleball lines (which would provide four additional pickleball courts). Future phases of the park improvements reflect results of a master plan completed in 2022, and would include expanding parking on the south side of the park, updating the playground, adding pathways through the park, updating the gazebo, future replacement of the existing enclosed park shelter, and other park enhancements.

Justification: A master plan for Lions Park was completed in the summer of 2022. The plan included significant community input and asked residents what they would like to see enhanced or changed at Lions Park. Community input highly supported a sprayground, pickleball, and basketball. In addition, the current tennis court at Lions Park is in significant need of updates and repairs. 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.

Project Status: Plans would need to be developed.

Phase I, 2023 (\$700K) - Construction of a fully ADA accessible sprayground located to the east of the existing enclosed shelter facility.

Phase II, 2024 (\$700K) - South East corner phase of park. Would include demolition of existing courts (\$25K), construct 4 pickleball courts and 1 tennis court (\$360K), construct 3 basketball courts and accessible walkways (\$165K), shade structures, outdoor games, etc. (\$150K).

Phase III, 2026 (\$700K) - Parking and playground phase. Would add head-in parking along Prairie Drive (\$200K), adjust electrical for Fourth of July vendors (\$10K), playground improvements and rubberized surfacing (\$250K), accessible walkways (\$120K), and promenade/pedestrian walkway (\$120K).

Phase IV, Unprogrammed (\$3.8M) - Would include construction of a new enclosed shelter, open air shelters, expanding the playground area, public art, plaza area, etc. A referendum would be needed to move forward with the design and construction of this phase.

Effect on Operating Budget: Impact on budget would be determined as phasing elements are developed.

PARKS

Northpark Corridor Park

PK22-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
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, immediately east of the company’s 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 that would be open to the public and focus on serving the daily employee population generally along Northpark Drive and Plum Drive. The project would include an approximately 875 ft. long, 6 ft wide trail which would provide an extended loop that adds to the existing trail within the Delta Dental and Rain and Hail campuses. A four-acre open play field would be graded and seeded at the site to provide recreational 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, tables, and drinking fountain. The plaza would connect to the existing parking lot to provide ADA access. This area could be used for work breaks, after-work recreation, corporate or community events and/or food truck opportunities.

Justification: The City has been working with businesses in Urbandale to identify ways to work together to enhance the attractiveness of Urbandale to workforce. The businesses in the Northpark Drive area have indicated a desire to provide their current and prospective employees additional recreational opportunities during the workday and unique benefits. Providing an outdoor shaded plaza area where employees could relax, have lunch or use the trail during their breaks would be a benefit. Enhancing the Northpark and Plum Drive business corridors is part of the justification for including a focus on these corridors in the Comprehensive Plan update. Delta Dental and Rain and Hail have a walkway system throughout their campuses and adding this 875 ft. trail link would provide a loop that would be appealing to 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 a 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, 6ft 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

Playground Replacements - Various locations

PK23-02 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	2,750.0	300.0	350.0	375.0	375.0	375.0	975.0
Storm Wtr Cnst.	-						
TOTAL	2,750.0	300.0	350.0	375.0	375.0	375.0	975.0

FUNDING SOURCES							
GOB	2,000.0	225.0	275.0	300.0	300.0	300.0	600.0
General	750.0	75.0	75.0	75.0	75.0	75.0	375.0
TOTAL	2,750.0	300.0	350.0	375.0	375.0	375.0	975.0

Description: Proposed is the replacement and upgrades of playground equipment at numerous parks throughout the City. There are 37 playgrounds in the park system, and 15 are 16 years old or more, and in need of replacement. Proposed is replacement of four playgrounds per year, to allow for an accelerated schedule.

Justification: Community input from the 2018 Parks, Recreation and Community Open Space Master Plan identified "replace playground equipment that is aging and outdated" as a top priority. The typical useful life recommendation for playground equipment is approximately every 15 years to stay current with changing safety and accessible standards. This lifecycle varies depending on the structure, use, conditions at the park (shade), etc. The budget has allowed for the replacement of one playground per year, which has not allowed staff to keep up with the maintenance and necessary replacement for all the playgrounds in our inventory. Additional funding to replace multiple playgrounds per year in order to more effectively address the maintenance and safety issues we are facing.

Project Status: Playground projects would need to be bid out.

2023 (\$300K): Murphy Park (\$85K), Northview Estates (\$55K), Rocklyn Park (\$85K), Sylvan Ridge (\$75K).

2024 (\$350K): Days Run Park (\$80K), North Karen Acres Park (\$90K), South Karen Acres Park (\$105K), Pour & Play surface at WJ swings and slides (\$75K).

2025 (\$375K): Bestland Park (\$80K), UGRA Soccer/Softball Complex (\$60K), Ashleaf Park (\$80K), Coronado Park (\$80K), Pour & Play surface for SKA (\$75K).

2026 (\$375K): Hallbrook Park (\$90K), Horizon's Ridge Park (\$150K), Lakeview Park (\$60K). Pour & Play surface for Bestland Park (\$75K).

2027 (\$375K): Foxdale Park (\$65K), Jaycee Park (\$60K), Deer Ridge West Park (\$85K), Walker Johnston ballfield playground (\$90K). Pour & Play surface for Lakeview Park (\$75K).

Unprogrammed (\$975K): Park playground replacements will be determined as need arises.

Effect on Budget: Once installed, minimal effect on budget. Annual replacement of wood safety fiber.

PARKS

Shelters and Flushable Restrooms - Various Locations

PK21-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	200.0	50.0	-	50.0	50.0		50.0
Acquisition	-						
Construction	1,990.0	45.0	345.0	535.0	45.0	470.0	550.0
Storm Wtr Cnst.	-						
TOTAL	2,190.0	95.0	345.0	585.0	95.0	470.0	600.0

FUNDING SOURCES							
GOB	1,740.0	50.0	300.0	540.0	50.0	425.0	375.0
General	450.0	45.0	45.0	45.0	45.0	45.0	225.0
	-						
TOTAL	2,190.0	95.0	345.0	585.0	95.0	470.0	600.0

Description: Proposed is the construction of open-air shelters and shelters with modular restrooms at select parks in Urandale. 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.

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

2022: Flushable restrooms with open-air shelters were completed at Deer Ridge West Park, Murhpy Park, and Barret Boesen Park.

2023 (\$95K): South Karen Acres restroom design (\$50K), Sharon Heights shelter construction (\$45K).

2024 (\$345K): South Karen Acres Restroom construction (\$300K), Waterford Park Shelter construction (\$45K).

2025 (\$585K): Walker Johnston Park police restroom and rental shelter design (\$50K) and construction (\$445K). Rocklyn Shelter Upgrades (\$40K), Dog Park shade structure construction (\$50K).

2026 (\$95K): Walker Johnston Park tennis court restroom design (\$50K), Coronodo Park Shelter construction (\$45K).

2027 (\$470K): Walker Johnston Park tennis court restroom construction (\$425K), Acadia Park Shelter construction (\$45K).

Unprogrammed (\$600K): Horizons Ridge Restroom construction (\$475K), trailhead along Walnut Creek north of Hickman drinking fountain and open shelter (\$75K), Walker Johnston concession stand design (\$50K).

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

PARKS

Utility Installation to Various Parks

PK19-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	690.0	90.0	75.0	75.0	75.0		375.0
Storm Wtr Cnst.	-						
TOTAL	690.0	90.0	75.0	75.0	75.0	-	375.0

FUNDING SOURCES							
Capital Projects	690.0	90.0	75.0	75.0	75.0		375.0
	-						
	-						
TOTAL	690.0	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, automatic door locks were installed in the restrooms at Lions Park, next to the All-Inclusive Playground and the WJ softball complex restroom. In addition, drinking fountains were purchased for open shelters at Bestland Park and Days Run Park, and in preparation for the shelter at Sharon Heights.

Proposed for 2023 is installation of electrical to the open shelter at Rocklyn Park, as well as electrical and water service to Sharon Heights Park as part of the 2023 open shelter construction project.

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 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	50.0		50.0				
Acquisition	-						
Construction	200.0		200.0				
Storm Wtr Cnst.	-						
TOTAL	250.0	-	250.0	-	-	-	-

FUNDING SOURCES							
GOB	200.0		200.0				
Previously Issued	50.0		50.0				
	-						
TOTAL	250.0	-	250.0	-	-	-	-

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 completes 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**Walker Johnston Park Softball Complex Improvements:
Fence Replacement/ Field Lighting/ Infield Surfacing**

PK21-05 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	50.0						50.0
Acquisition	-						
Construction	1,255.0					105.0	1,150.0
Storm Wtr Cnst.	-						
TOTAL	1,305.0	-	-	-	-	105.0	1,200.0

FUNDING SOURCES							
GOB	1,305.0					105.0	1,200.0
TOTAL	1,305.0	-	-	-	-	105.0	1,200.0

Description: Proposed is the conversion of the field lights to LED at the Walker Johnston Softball Complex, replacing outfield fencing, as well as installing artificial turf for the four infields.

Justification: 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 and 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 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 10ft 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. By installing artificial turf infields, use of the complex would increase, and maintenance costs would decrease. Surrounding communities are constructing new artificial turf fields, and therefore we would need to do the same in order to retain patrons. This would have an economic impact on revenues for field rentals, hotel reservations and restaurant usage in Urbandale, etc.

Project Status:

Phase I, in 2022 (\$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 ft. of 4 ft. fence fabric located along the 1st and 3rd base-lines and replacing 350 liner ft. of 10 ft. outfield fencing.

Phase II, 2027 (\$105K): would replace 2,400 liner feet of chain-link fabric along the 10 ft. height 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.

Phase IV, in Unprogrammed: (\$615K) Would convert the four infields to artificial turf.

PARKS

Water Trails Projects

PK22-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	65.0	25.0					40.0
Acquisition	-						
Construction	553.0	393.0					160.0
Storm Wtr Cnst.	-						
TOTAL	618.0	418.0	-	-	-	-	200.0

FUNDING SOURCES							
GOB	200.0						200.0
Prev. Issue	43.0	43.0					
Capital Projects	250.0	250.0					
Grant	125.0	125.0					
TOTAL	618.0	418.0	-	-	-	-	200.0

Description: Proposed is the installation of wading and respite areas along North Walnut Creek at the Walker Johnston Park, and Walnut Creek in 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 and 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: A firm has been hired to develop final plans and construction drawings for this project.

Phase I, 2022: The first creek access project within Urbandale is located in the Barrett Boesen Park and Natural Playscape and was completed in 2022. The project includes limestone stair creek access to provide opportunities to interact with the water and other existing park amenities. A study and design plan was also completed related to 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 the west side of the creek, near the tree house area. Proposed is a creek access point, outdoor classroom, and tree planting along North Walnut Creek. These features would increase access to outdoor recreation and education opportunities and restore a wooded area that is losing trees due to age, disease, and weather. The project includes features such as limestone stair creek access, interpretive signage, an outdoor classroom/learning space and accessible trail, and restoration of the wooded greenbelt.

Phase III, 2028+ (\$200K): would be in the Walnut Creek Regional Park along the east side Walnut Creek, 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.

PARKS

Waterford Park - Disk Golf Expansion

PK22-04 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	18.0		18.0				
Storm Wtr Cnst.	-						
TOTAL	18.0	-	18.0	-	-	-	-

FUNDING SOURCES							
Capital Projects	18.0		18.0				
	-						
	-						
TOTAL	18.0	-	18.0	-	-	-	-

Description: Proposed is the installation of an expansion to the existing 13 hole disc golf course 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. The Grimes Sewer Project would need to be completed prior to this project being constructed.

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 2028-32
		2023	2024	2025	2026	2027	
Design	200.0			200.0			
Acquisition	-						
Construction	1,345.0			1,345.0			
Storm Wtr Cnst.	-						
TOTAL	1,545.0	-	-	1,545.0	-	-	-

FUNDING SOURCES							
GOB	1,545.0			1,545.0			
	-						
	-						
TOTAL	1,545.0	-	-	1,545.0	-	-	-

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 2025. 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: First phase 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, 2025 (\$1.5M): 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

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

PK06-04 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
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 (\$3.1M). 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.

WCRP

**Regional Playground in Facilities Area -
152nd Street and Meredith Drive**

PK09-05 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	70.0		70.0				
Acquisition	-						
Construction	630.0		630.0				
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 regional playground in the Facilities Area of Walnut Creek Regional Park. As proposed the Facilities Area would be east of 152nd Street, south of Meredith Drive, and west of Walnut Creek. The development of this project would need to be planned and phased appropriately with the construction of other amenities planned for the NW corner of the WCRP, and a parking lot would need to be constructed prior to this project.

Justification: The regional playground would provide a play experience that would differ from the experience provided by the regional playground in Walker Johnston Park. Each regional playground would be designed to attract users from throughout the community and serve as community-building facilities, as well as provide additional user capacity that will be necessary as the population continues to increase. This playground would serve not only the surrounding neighborhoods to the park, but all for Urbandale and throughout the metro area.

Project Status: Plans will need to be developed to coincide with other park projects near the facilities area.

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

WCRP

Trail System - Interior Access

PK09-04 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	45.0		45.0				
Acquisition	-						
Construction	263.0		263.0				
Storm Wtr Cnst.	-						
TOTAL	308.0	-	308.0	-	-	-	-

FUNDING SOURCES							
GOB	308.0		308.0				
	-						
	-						
TOTAL	308.0	-	308.0	-	-	-	-

Description: Proposed is a crucial trail section in the interior trail system in the WCRP. The proposed 8 ft. trail would be in the south center area of the park, between the Little Walnut Creek and the Walnut Creek. This project would include a bridge and will provide a key trail link from the east side of the creek to connect to the Bob Layton Trail. The trail system network in the WCRP provides access within the park, and important connections to exterior trails as well.

Justification: An interior trail system is necessary 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 Drive, 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. In 2022, an 8 ft. wide, half mile “Pedestrian Loop” trail was completed and is located south of Aurora Avenue and on the west side of the creek.

The proposed trail section for 2024, which will connect the east and west side of the park, has been a high priority for the City since the master plan was approved in 2006. This trail section was dependent upon the City acquiring the parcel of land where the trail will be constructed. The land acquisition is anticipated for 2022, and therefore allows us to move forward with this key trail link in 2024.

Project Status: Design plans would need to be completed.

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 2028-32
		2023	2024	2025	2026	2027	
Design	200.0			200.0			
Acquisition	-						
Construction	1,575.0			1,575.0			
Storm Wtr Cnst.	-						
TOTAL	1,775.0	-	-	1,775.0	-	-	-

FUNDING SOURCES							
GOB	1,110.0			1,110.0			
Private Developer	665.0			665.0			
	-						
TOTAL	1,775.0	-	-	1,775.0	-	-	-

Description: Proposed is a new bridge over Walnut Creek in the Urban Hills development including pavement within the park on both sides of the bridge. 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 1/4 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 2028-32
		2023	2024	2025	2026	2027	
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
	-						
	-						
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)	2023	2024	2025	2026	2027	2028-32
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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	35.0	35.0					
Acquisition	-						
Construction	770.0	770.0					
Storm Wtr Cnst.	-						
TOTAL	805.0	805.0	-	-	-	-	-

FUNDING SOURCES							
Previously Issued	805.0	805.0					
	-						
	-						
TOTAL	805.0	805.0	-	-	-	-	-

Description: Proposed is the installation of a 10ft 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 10ft 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 and 2022, 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

Hickman Trail Construction - 100th Street to 111th Street

SI23-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	57.0				28.0	29.0	
Acquisition	-						
Construction	570.0				395.6	174.4	
Storm Wtr Cnst.	-						
TOTAL	627.0	-	-	-	423.6	203.4	-

FUNDING SOURCES							
GOB	203.4					203.4	
TIF (NWMC)	423.6				423.6		
	-						
TOTAL	627.0	-	-	-	423.6	203.4	-

Description: Proposed is a 10ft wide trail connection from 100th Street to 111th Street to connection to the new trail to be constructed with the Hickman Road interchange improvements.

Justification: This section of trail will connect the trail along 100th Street to the trail system west of the interstate including the Raccoon Valley Trail and has been identified as a long-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.

SIDEWALKS**Various Locations**

SI00-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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							
Special Assmt	1,000.0	100.0	100.0	100.0	100.0	100.0	500.0
GOB	-						
	-						
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 2023 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.

SIDEWALKS

**114th Street Sidewalk Construction -
Douglas Avenue to Meredith Drive**

SI23-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	263.5		70.0	138.5	55.0		
Storm Wtr Cnst.	-						
TOTAL	263.5	-	70.0	138.5	55.0	-	-

FUNDING SOURCES							
GOB	-						
TIF (NWMC)	155.0		35.0	92.5	27.5		
Special Assmt	108.5		35.0	46.0	27.5		
TOTAL	263.5	-	70.0	138.5	55.0	-	-

Description: Proposed is a 5ft wide sidewalk on the west side of 114th Street from Douglas Avenue to Meredith Drive.

Justification: The addition of sidewalks to existing business areas helps with providing an enhanced amenity and aids in tenant retention. It is listed as a long-term priority in the 2019 Urbandale Complete Streets Master Plan.

Project Status: Project has not been designed.

2024 (\$70): West side of 114th Street from Aurora Avenue to Meredith Drive.

2025 (\$138.5): West side of 114th Street from Aurora Avenue to Douglas Avenue.

2026 (\$55.0): will be along the south side of Aurora Avenue from the pond sidewalk by 109th/ 112th Street to 114th Street.

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



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

SW02-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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							
GOB	-						
Storm Water Utility	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

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 or a consultant hired by the City will design 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 WATER

Intake Rebuilding Program

SW14-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	-						
Storm Wtr Cnst.	1,000.0	500.0	250.0	250.0			
TOTAL	1,000.0	500.0	250.0	250.0	-	-	-

FUNDING SOURCES							
Storm Water Utility	1,000.0	500.0	250.0	250.0			
	-						
	-						
TOTAL	1,000.0	500.0	250.0	250.0	-	-	-

Description: Through the intake rebuilding program a total of 373 intakes were rebuilt from 2014 to 2021. The bids were rejected in 2022. This project would contract out the rebuilding of an additional 40 storm sewer intakes per year in 2024 and 2025. The number of intakes will be increased in 2023 to account for no work in 2022.

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 nine 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 WATER

Merle Hay Reinvestment District Stormwater Improvements Project

SW22-01	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
PURPOSE							
Design	500.0	500.0					
Acquisition	750.0	750.0					
Construction	1,000.0	1,000.0					
Storm Wtr Cnst.	5,400.0	5,400.0					
TOTAL	7,650.0	7,650.0	-	-	-	-	-

FUNDING SOURCES							
Storm Water Utility	875.0	875.0					
LOSST	6,180.0	6,180.0					
TIF (DUNA)	595.0	595.0					
TOTAL	7,650.0	7,650.0	-	-	-	-	-

Description: 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 is being designed for a fall/ winter 2022 letting.

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

STORM WATER

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

SW22-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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							
GOB	1,800.0						1,800.0
Storm Water	1,075.0						1,075.0
	-						
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 to determine exact limits and duration.

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

STORM WATER

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

SW21-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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 roadbed 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 WATER**Roseland Drive Storm Sewer Improvements
Ashwood Drive to 74th Street**

SW22-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	400.0		400.0				
Acquisition	-						
Construction	1,375.0			1,375.0			
Storm Wtr Cnst.	1,312.5			1,312.5			
TOTAL	3,087.5	-	400.0	2,687.5	-	-	-

FUNDING SOURCES							
GOB	1,775.0		400.0	1,375.0			
Storm Water Utility	1,312.5			1,312.5			
	-						
TOTAL	3,087.5	-	400.0	2,687.5	-	-	-

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 to determine exact limits and duration.

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

STORM WATER Storm Sewer Extension to the Merle Hay Reinvestment District

SW23-01	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	350.0					350.0	
Acquisition	-						
Construction	2,050.0					2,050.0	
Storm Wtr Cnst.	250.0					250.0	
TOTAL	2,650.0	-	-	-	-	2,650.0	-

FUNDING SOURCES							
GOB	2,425.0					2,425.0	
TIF (DUNA)	100.0					100.0	
Storm Water	125.0					125.0	
TOTAL	2,650.0	-	-	-	-	2,650.0	-

Description: Proposed is the extension of the storm sewer pipes from the Merle Hay campus along Airline Drive to 66th Street and along Madison Avenue to 64th Street. The installation of the new storm sewer will require full street replacement. These improvements will connect to the Merle Hay Reinvestment District Stormwater Improvements Project proposed in 2023.

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. This project would extend the storm sewer improvements constructed at the Merle Hay campus.

Project Status: Project will need to be designed.

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

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

SW22-04	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
PURPOSE							
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							
GOB	1,725.0				400.0	1,325.0	
Storm Water Utility	1,250.0					1,250.0	
	-						
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 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 to determine exact limits and duration.

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

STREET**Annual Street Rehabilitation Program**

ST08-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	24,759.7	1,918.5	968.6	2,459.8	2,533.5	2,609.5	14,269.8
Storm Wtr Cnst.	-						
TOTAL	24,759.7	1,918.5	968.6	2,459.8	2,533.5	2,609.5	14,269.8

FUNDING SOURCES							
Road Use	24,759.7	1,918.5	968.6	2,459.8	2,533.5	2,609.5	14,269.8
	-						
	-						
TOTAL	24,759.7	1,918.5	968.6	2,459.8	2,533.5	2,609.5	14,269.8

Description: Proposed is an annual street rehabilitation program to provide full depth patching at locations identified in the 2022 Pavement Management Report. The report serves as the foundation to identify annual and future street rehabilitation projects. In 2023 a portion of the funds are being used for the Aurora Avenue Preservation - 86th Street to Tanglewood Drive. In 2024 a portion of the funds are being used for the Douglas Avenue Urbanization - 86th Street to Elm Drive.

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)	2023	2024	2025	2026	2027	2028-32
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 or completely replace sections of the pavement.

Project Status: Project is currently being 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)	2023	2024	2025	2026	2027	2028-32
Design	500.0	500.0					
Acquisition	-						
Construction	2,100.0	2,100.0					
Storm Wtr Cnst.	400.0	400.0					
TOTAL	3,000.0	3,000.0	-	-	-	-	-

FUNDING SOURCES							
TIF (NWMC)	-						
Previous Issue (NW)	3,000.0	3,000.0					
	-						
TOTAL	3,000.0	3,000.0	-	-	-	-	-

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. The street is currently 31 ft. wide and needs to be widened to 37 ft. 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 under construction.

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)	2023	2024	2025	2026	2027	2028-32
Design	72.5	72.5					
Acquisition	-						
Construction	725.0	725.0					
Storm Wtr Cnst.	-						
TOTAL	797.5	797.5	-	-	-	-	-

FUNDING SOURCES							
Capital Projects	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 2 or 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 is being designed and was discussed at the September 2022 Lunch and Learn.

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 2028-32
		2023	2024	2025	2026	2027	
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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	270.0	30.0	30.0	30.0	30.0	30.0	120.0
Acquisition	-						
Construction	2,130.0	570.0	420.0	270.0	270.0	270.0	330.0
Storm Wtr Cnst.	-						
TOTAL	2,400.0	600.0	450.0	300.0	300.0	300.0	450.0

FUNDING SOURCES							
GOB	1,500.0		150.0	300.0	300.0	300.0	450.0
TIF (NWMC)	300.0	300.0					
Prev. Iss. (NWMC)	300.0	300.0					
Prev. Iss. GOB	300.0		300.0				
TOTAL	2,400.0	600.0	450.0	300.0	300.0	300.0	450.0

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 2023 (originally scheduled for 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. In 2025, signage will be placed at the east corporate limits on Hickman Road, at 70th Street and Hickman Road, 73rd Street and Hickman Road, the east corporate limits and Urbandale Avenue and the east corporate limits and Aurora Avenue.

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 Preservation:
111th Street to 121st Street**

ST23-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	290.0				290.0		
Storm Wtr Cnst.	-						
TOTAL	290.0	-	-	-	290.0	-	-

FUNDING SOURCES							
GOB	-						
TIF(NWMC)	290.0				290.0		
	-						
TOTAL	290.0	-	-	-	290.0	-	-

Description: Proposed is the patching of Douglas Avenue from 111th Street to 121st Street.

Justification: This section of Douglas Avenue 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**Douglas Avenue Redevelopment**

ST21-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	-	-	-	-	-	-	-

FUNDING SOURCES							
GOB	-						
	-						
	-						
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: At its September 6, 2022 meeting the City Council approved the use of ARPA funding for the expenditures listed in the following table:

~ Amount	Proposed Expenditure to Meet Council Priorities
\$100,000	Central Iowa Basic Income Pilot Study (approved 8/23/2022)
\$134,000	Neighborhood Finance Corporation Energy Advantage Program
\$250,000	Community social services assessment and facilities
\$150,000	Affordable and workforce housing elements study
\$4,400,000	Property intervention/purchase for blight remediation and strategic purposes (social services facility, affordable housing, municipal services and economic development)
\$1,500,000	Downtown Urbandale building investment and improvement
\$100,000	Contracted project manager to coordinate logistics

Effect on Operating Budget: Unknown at this time.

STREET**Douglas Avenue Urbanization**

ST00-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	965.0		475.0	100.0			390.0
Acquisition	-						
Construction	11,295.0		7,509.5	900.0	450.0		2,435.5
Storm Wtr Cnst.	-						
TOTAL	12,260.0	-	7,984.5	1,000.0	450.0	-	2,825.5

FUNDING SOURCES

GOB	4,565.0		4,565.0				
Alt. Funding	2,825.5						2,825.5
TIF (DUNA)	2,000.0		2,000.0				
TIF (NWMC)	1,450.0			1,000.0	450.0		
Road Use	1,419.5		1,419.5				
TOTAL	12,260.0	-	7,984.5	1,000.0	450.0	-	2,825.5

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 2022 (Phase 5) was completed urbanizing 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 2022/2023 - Phase 6: streetscape began from North Walnut Creek to 100th Street.

In 2024 - Phase 3 will urbanize Douglas Avenue from Elm Drive to 86th Street, including items from the adopted December of 2019 Urbandale Complete Streets Master Plan. This Phase will also include roadway maintenance.

In 2025/26 - Phase 8: to complete the streetscape from 100th Street to the East Interstate Ramp.

Phase 4: Unprogrammed (\$1.881M): to construct the streetscape from Elm Drive to North Walnut Creek.

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

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

STREET**Douglas Avenue Railroad Crossing Replacement**

ST20-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	100.0				100.0		
Storm Wtr 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 Interchange Improvements**

ST23-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	100.0	100.0					
Acquisition	-						
Construction	92,950.0			34,200.0	32,750.0	26,000.0	
Storm Wtr Cnst.	-						
TOTAL	93,050.0	100.0	-	34,200.0	32,750.0	26,000.0	-

FUNDING SOURCES							
GOB	4,100.0	100.0				4,000.0	
IDOT	84,950.0			34,200.0	32,750.0	18,000.0	
Clive	4,000.0					4,000.0	
TOTAL	93,050.0	100.0	-	34,200.0	32,750.0	26,000.0	-

Description: Proposed is the reconfiguration of the Hickman Road Interchange as a diverging diamond interchange. The Cities of Clive and Urbandale are reviewing the possibility of adding aesthetic enhancements at the interchange.

Justification: The Hickman Interchange needs capacity improvements.

Project Status: The interchange improvements are currently being designed. The City's enhancement portion will need to be designed and funding applications prepared.

Effect on Operating Budget: Additional maintenance will be required for the City's enhancement portion of the project. Significant

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

ST18-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,500.0	750.0	750.0				
Storm Wtr Cnst.	-						
TOTAL	1,500.0	750.0	750.0	-	-	-	-

FUNDING SOURCES							
GOB	1,500.0	750.0	750.0				
Clive	-						
ICAAP (Fed)	-						
STBG	-						
Iowa DOT	-						
U-STEP	-						
TOTAL	1,500.0	750.0	750.0	-	-	-	-

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 ft. 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 or 2024. The total cost of this project was \$7.037M, funding by various organizations, as follows:

Urbandale GOB: \$1,500.0K
City of Clive: \$700.0K
ICAAP (Fed): \$1,137.4K
STBG: \$700.0K
Iowa DOT: \$2,500.0K
U-STEP : \$500.0K

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,275.0		900.0	375.0			
Storm Wtr Cnst.	-						
TOTAL	1,275.0	-	900.0	375.0	-	-	-

FUNDING SOURCES							
GOB	-						
TIF (NWMC)	1,275.0		900.0	375.0			
	-						
TOTAL	1,275.0	-	900.0	375.0	-	-	-

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**Medians - Art and Landscaping**

ST23-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,050.0	150.0	150.0	150.0	150.0	150.0	300.0
Storm Wtr Cnst.	-						
TOTAL	1,050.0	150.0	150.0	150.0	150.0	150.0	300.0

FUNDING SOURCES							
Capital Projects	1,050.0	150.0	150.0	150.0	150.0	150.0	300.0
	-						
	-						
TOTAL	1,050.0	150.0	150.0	150.0	150.0	150.0	300.0

Description: Proposed is the installation of public art with landscaping in key medians throughout Urbandale.

Justification: The City of Urbandale has a strong commitment to public art in our community. Our goal is to introduce public art that celebrates the uniqueness of Urbandale, enhances quality of life, economic development, community image, and promote tourism and make art accessible to the general public. By integrating public art into the over all city development, including key medians along well travelled thoroughfares, we will reinforce our civic identity and provide a sense of community and connectedness. Locations for median art and landscaping would be determined by staff.

Project Status: Design plans would need to be developed.

Effect on Operating Budget: Once installed, maintenance costs would include landscaping around artwork and any ground cover.

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

ST22-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	2,125.0			2,125.0			
Storm Wtr Cnst.	-						
TOTAL	2,125.0	-	-	2,125.0	-	-	-

FUNDING SOURCES							
GOB	1,625.0			1,625.0			
STBG	500.0			500.0			
	-						
TOTAL	2,125.0	-	-	2,125.0	-	-	-

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 Master 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)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	2,210.0	1,700.0	510.0				
Storm Wtr Cnst.	-						
TOTAL	2,210.0	1,700.0	510.0	-	-	-	-

FUNDING SOURCES							
GOB	235.0		235.0				
TIF (NWMC)	1,975.0	1,700.0	275.0				
	-						
TOTAL	2,210.0	1,700.0	510.0	-	-	-	-

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. A trail will be added between 104th Street and NW Urbandale Drive on the north side of Meredith Drive. This project includes the undergrounding of electrical lines on Meredith Drive from approximately 800 ft. east of NW Urbandale Drive to the RR tracks. The undergrounding of these lines will assist in constructing the trails on the north side of Meredith Drive.

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 from 104th Street to 114th Street. The undergrounding of the electrical lines will improve the appearance of the retail/commercial areas.

Project Status: Meredith Drive Preservation (\$1,400K): Project will be designed by City staff. Undergrounding of electrical lines (\$810K) will be designed and constructed by MidAmerican Energy.

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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 1/2 mile had an asphalt overlay in 2015 and the west 1/2 mile was overlaid in 2021.

Project Status: The future project is in the development stage and preliminary plans are not completed. The schedule will need to be coordinated with Clive and may be delayed.

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

STREET**Northpark Drive and Plum Drive Preservation**

ST23-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	589.5					589.5	
Storm Wtr Cnst.	-						
TOTAL	589.5	-	-	-	-	589.5	-

FUNDING SOURCES							
GOB	-						
TIF (NWMC)	589.5					589.5	
	-						
TOTAL	589.5	-	-	-	-	589.5	-

Description: Proposed is the patching of Northpark Drive from 86th Street to 100th Street and Plum Drive from 86th Street to NW Urbandale Drive.

Justification: These sections of Northpark Drive and Plum Drive have bad joints in the pavement. This project will patch the failed pavement and brick sections.

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. Urbandale Drive Preservation:
Douglas Avenue to Meredith Drive**

ST22-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,700.0				1,000.0	700.0	
Storm Wtr Cnst.	-						
TOTAL	1,700.0	-	-	-	1,000.0	700.0	-

FUNDING SOURCES							
TIF (NWMC)	1,700.0				1,000.0	700.0	
	-						
	-						
TOTAL	1,700.0	-	-	-	1,000.0	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
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ST09-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	170.1			170.1			
Acquisition	-						
Construction	964.3			964.3			
Storm Wtr Cnst.	170.1			170.1			
TOTAL	1,304.5	-	-	1,304.5	-	-	-

FUNDING SOURCES							
Prev. Issue (NWM)	267.9			267.9			
STBG (Federal)	500.0			500.0			
Spec. Assmt	134.4			134.4			
Grimes	402.2			402.2			
Johnston	-						
TOTAL	1,304.5	-	-	1,304.5	-	-	-

Description: In 2016, the intersection of N.W. 54th Avenue and 100th Street was constructed as a four-lane roadway for 1,000 ft. 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. The street would be constructed as a four-lane roadway. This will be a joint project with Grimes. Grimes will also be reconstructing the roadway to S.E. Destination Drive.

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)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	87.5		87.5				
Storm Wtr Cnst.	-						
TOTAL	87.5	-	87.5	-	-	-	-

FUNDING SOURCES							
Capital Projects	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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	238.0						238.0
Acquisition	300.0						300.0
Construction	1,346.4						1,346.4
Storm Wtr Cnst.	237.6						237.6
TOTAL	2,122.0	-	-	-	-	-	2,122.0

FUNDING SOURCES							
GOB	1,765.6						1,765.6
Spec. Assmt	356.4						356.4
	-						
TOTAL	2,122.0	-	-	-	-	-	2,122.0

Description: Proposed is the extension of Waterford Road west of 170th Street for 1/4 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 Hickman Road - Bike Lanes**

ST21-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	15.0	15.0					
Acquisition	-						
Construction	100.0	100.0					
Storm Wtr Cnst.	-						
TOTAL	115.0	115.0	-	-	-	-	-

FUNDING SOURCES							
Capital Projects	115.0	115.0					
	-						
	-						
TOTAL	115.0	115.0	-	-	-	-	-

Description: This project will provide on street bicycle lanes on 70th Street from Meredith Drive to Hickman Road through the addition of new pavement markings. Improvements are per the adopted December of 2019 Urbandale Complete Streets Master Plan and a detailed study conducted by Snyder & Associates in 2022.

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 is being designed and was discussed at the September 2022 Lunch and Learn.

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

STREET**82nd Street Reconstruction Project**

ST20-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	30.0		30.0				
Acquisition	-						
Construction	450.0		450.0				
Storm Wtr Cnst.	-						
TOTAL	480.0	-	480.0	-	-	-	-

FUNDING SOURCES							
GOB	480.0		480.0				
	-						
	-						
TOTAL	480.0	-	480.0	-	-	-	-

Description: This project includes the total reconstruction of 82nd Street from Douglas Avenue to approximately 400 ft. north of Douglas Avenue including the frontage road. 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 and frontage road are 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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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 ft. 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)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	700.0		700.0				
Storm Wtr Cnst.	-						
TOTAL	700.0	-	700.0	-	-	-	-

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

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)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,500.0	1,500.0					
Storm Wtr Cnst.	-						
TOTAL	1,500.0	1,500.0	-	-	-	-	-

FUNDING SOURCES							
GOB	400.0	400.0					
STBG	750.0	750.0					
Prev. Issue	350.0	350.0					
TOTAL	1,500.0	1,500.0	-	-	-	-	-

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: The project bids were higher than the budget. The work has been completed.

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)	2023	2024	2025	2026	2027	2028-32
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)	2023	2024	2025	2026	2027	2028-32
Design	871.2			871.2			
Acquisition	300.0			300.0			
Construction	6,545.0			6,545.0			
Storm Wtr Cnst.	1,090.0			1,090.0			
TOTAL	8,806.2	-	-	8,806.2	-	-	-

FUNDING SOURCES							
GOB	5,838.0			5,838.0			
Spec Assmt	1,031.2			1,031.2			
Grimes	1,937.0			1,937.0			
TOTAL	8,806.2	-	-	8,806.2	-	-	-

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 3/8 mile on the east side and would pay for 22% of the future project.

This project will review separated bicycle lanes vs a 10 ft. trail per the adopted December of 2019 Urbandale Complete Streets Master Plan. The roadway is being shifted to the west due to an electrical easement on the east side of the road.

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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 2024 is the asphalt overlay of 142nd Street from Waterford Road to Meadow Drive (1 mile with 1/2 mile on the west side still in Dallas County). Proposed in an out year is the construction of a five-lane 142nd Street. This project would start at Waterford Road and extend north 1/2 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	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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. Development in the area will impact the schedule.

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)	2023	2024	2025	2026	2027	2028-32
Design	350.0	350.0					
Acquisition	225.0	225.0					
Construction	11,475.0	11,475.0					
Storm Wtr Cnst.	3,275.0	3,275.0					
TOTAL	15,325.0	15,325.0	-	-	-	-	-

FUNDING SOURCES							
GOB	3,126.5	3,126.5					
Prev. Issued	7,833.5	7,833.5					
Water Utility	465.0	465.0					
Spec Assmt	1,300.0	1,300.0					
Clive	2,000.0	2,000.0					
STP Funding	600.0	600.0					
TOTAL	15,325.0	15,325.0	-	-	-	-	-

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 1/4 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 bids were higher than the budget. The project is scheduled to be completed in 2023.

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)	2023	2024	2025	2026	2027	2028-32
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**184th Street (Warrior Lane):
Meredith Drive to 1 Mile North**

ST23-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	500.0						500.0
Acquisition	450.0						450.0
Construction	9,460.0						9,460.0
Storm Wtr Cnst.	1,540.0						1,540.0
TOTAL	11,950.0	-	-	-	-	-	11,950.0

FUNDING SOURCES							
GOB	7,260.5						7,260.5
Spec Assmt	1,702.0						1,702.0
Waukee	2,987.5						2,987.5
TOTAL	11,950.0	-	-	-	-	-	11,950.0

Description: Proposed is the construction of 184th Street (Warrior Lane) from Meredith Drive to 1 mile North. 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: 184th Street will need to be widened to a five-lane roadway as development in this area happens.

Project Status: The future project is in the development stage and preliminary plans are not completed. Future annexations will need to occur before construction.

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
- 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
- 184th Street (Warrior Lane): Meredith Drive to 1 Mile North



TRAFFIC SIGNAL

Douglas Avenue Adaptive Signal Coordination

TR23-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	50.0					50.0	
Acquisition	360.0					360.0	
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	410.0	-	-	-	-	410.0	-

FUNDING SOURCES							
GOB	410.0					410.0	
TIF (NWMC)	-						
ICAAP (Fed Grant)	-						
TOTAL	410.0	-	-	-	-	410.0	-

Description: Proposed is the installation of adaptive traffic signal control technology to improve traffic flow on Douglas Avenue from 100th Street to 121st Street.

Justification: This system will help improve traffic flow around the Douglas Avenue Interchange and the business developments between 100th Street and 121st Street.

Project Status: Plans are in the conceptual stage. Grant fund application has not been submitted.

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

TRAFFIC SIGNAL**Hickman Road: Entrance to Deerfield Dev.**

TR06-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	85.0						85.0
Acquisition	-						
Construction	850.0						850.0
Storm Wtr Cnst.	-						
TOTAL	935.0	-	-	-	-	-	935.0

FUNDING SOURCES							
Private	935.0						935.0
Clive	-						
GOB	-						
TOTAL	935.0	-	-	-	-	-	935.0

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 the Deerfield Retirement Community.

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

Project Status: An Iowa DOT 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 in 2020 and it determined that warrants were not met.

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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 Iowa DOT 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**Meredith & NW Urbandale Drive
Adaptive Signal Coordination**

TR23-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	50.0			50.0			
Acquisition	495.0			495.0			
Construction	-						
Storm Wtr Cnst.	-						
TOTAL	545.0	-	-	545.0	-	-	-

FUNDING SOURCES							
TIF (NWMC)	522.5			522.5			
ICAAP (Fed Grant)	-			-			
Grimes	22.5			22.5			
TOTAL	545.0	-	-	545.0	-	-	-

Description: Proposed is the installation of adaptive traffic signal control technology to improve traffic flow from NW Urbandale Drive to 128th Street and on NW Urbandale Drive from Meredith Drive to the interstate.

Justification: With the short distance between the traffic signals, this system will help improve traffic flow around the Meredith Drive Interchange and the business developments between 121st Street and 128th Street and from Meredith Drive north to the Interstate.

Project Status: Plans are in the conceptual stage. Grant fund application has not been submitted.

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

TRAFFIC SIGNAL**100th Street Adaptive Signal Coordination**

TR23-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	34.0		34.0				
Acquisition	-						
Construction	200.0		200.0				
Storm Wtr Cnst.	-						
TOTAL	234.0	-	234.0	-	-	-	-

FUNDING SOURCES							
TIF (NWMC)	84.0		84.0				
ICAAP (Fed Grant)	144.0		144.0				
Johnston & Grimes	6.0		6.0				
TOTAL	234.0	-	234.0	-	-	-	-

Description: Proposed is the installation of adaptive traffic signal control technology to improve traffic flow from Plum Drive to 54th Avenue. The traffic signal at 54th Avenue is shared with Grimes and Johnston.

Justification: With the short distance between the traffic signals, this system will help improve traffic flow around the 100th Street Interchange.

Project Status: The ICAAP grant is in the application process. Grant award amount may be different.

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

TRAFFIC SIGNAL

128th Street and Plum Drive

TR07-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	35.0			35.0			
Acquisition	-						
Construction	300.0			300.0			
Storm Wtr Cnst.	-						
TOTAL	335.0	-	-	335.0	-	-	-

FUNDING SOURCES							
Private	335.0			335.0			
	-						
	-						
TOTAL	335.0	-	-	335.0	-	-	-

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	35.0	35.0					
Acquisition	-						
Construction	400.0	400.0					
Storm Wtr Cnst.	-						
TOTAL	435.0	435.0	-	-	-	-	-

FUNDING SOURCES							
GOB	435.0	435.0					
	-						
	-						
TOTAL	435.0	435.0	-	-	-	-	-

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 being designed.

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	35.0	35.0					
Acquisition	-						
Construction	665.0	665.0					
Storm Wtr Cnst.	-						
TOTAL	700.0	700.0	-	-	-	-	-

FUNDING SOURCES							
GOB	700.0	700.0					
	-						
	-						
TOTAL	700.0	700.0	-	-	-	-	-

Description: Proposed is the 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 being designed.

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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	35.0						35.0
Acquisition	-						
Construction	200.0						200.0
Storm Wtr Cnst.	-						
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	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
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
	-						
	-						
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.

WATER**Valve Replacement Projects**

WA19-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	750.0	75.0	75.0	75.0	75.0	75.0	375.0
Storm Wtr Cnst.	-						
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**Airline Drive Water Main - 66th to 70th**

WA19-06 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	339.0	339.0					
Storm Wtr Cnst.	-						
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 ft. of 8 in. water main along Airline Drive from 66th to 70th Street.

Justification: This project would replace an existing 4 in. 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**

WA20-08	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	38.6	38.6					
Storm Wtr Cnst.	-						
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 ft. of 8 in. 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**

WA09-03 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	540.8	540.8					
Storm Wtr Cnst.	-						
TOTAL	540.8	540.8	-	-	-	-	-

FUNDING SOURCES							
Water Rev	540.8	540.8					
	-						
	-						
TOTAL	540.8	540.8	-	-	-	-	-

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**

WA20-09 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	159.7	159.7					
Storm Wtr Cnst.	-						
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	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	-						
Storm Wtr Cnst.	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 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	424.0		424.0				
Storm Wtr Cnst.	-						
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 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	291.5		291.5				
Storm Wtr Cnst.	-						
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**Hillside Drive Water Main - Patricia to Dewey Gibbs**

WA20-10	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	400.6			400.6			
Storm Wtr Cnst.	-						
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**

WA20-11	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	218.0			218.0			
Storm Wtr Cnst.	-						
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**

WA16-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	340.6			340.6			
Storm Wtr Cnst.	-						
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: 72nd to 74th**

WA21-03	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	245.3			245.3			
Storm Wtr Cnst.	-						
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**

WA20-12	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	147.2			147.2			
Storm Wtr Cnst.	-						
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**

WA21-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	708.4				708.4		
Storm Wtr Cnst.	-						
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**Beverly Drive Water Main - Willard Ct. to New York**

WA20-05 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	150.9					150.9	
Storm Wtr Cnst.	-						
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**

WA22-04	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	129.4					129.4	
Storm Wtr Cnst.	-						
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 - Hillside to Beverly**

WA20-06 PURPOSE	Total (In 000's)	Calendar Year					Unprogrammed 2028-32
		2023	2024	2025	2026	2027	
Design	-						
Acquisition	-						
Construction	332.0					332.0	
Storm Wtr Cnst.	-						
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 Water Main - Madison to Aurora**

WA22-05	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	575.0					575.0	
Storm Wtr Cnst.	-						
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.

WATER**Urbandale Ave Water Main - 64th to 67th**

WA23-01	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	274.4					274.4	
Storm Wtr Cnst.	-						
TOTAL	274.4	-	-	-	-	274.4	-

FUNDING SOURCES							
Water Rev	274.4					274.4	
	-						
	-						
TOTAL	274.4	-	-	-	-	274.4	-

Description: Proposed is the installation 930 feet of 8 inch water main along Urbandale Ave from 64th street to 67th Street

Justification: This project would replace an existing 6 inch water main with a 8 inch PVC main. The project would reduce the number of breaks in the area resulting in lower maintenance costs.

Project Status: The project is schdeuled for the Spring of 2028.

Effect on Operating Budget: None.

WATER**Douglas Water Main - 104th Street to 111th Street**

WA23-02	Total	Calendar Year					Unprogrammed
PURPOSE	(In 000's)	2023	2024	2025	2026	2027	2028-32
Design	-						
Acquisition	-						
Construction	1,227.2						1,227.2
Storm Wtr Cnst.	-						
TOTAL	1,227.2	-	-	-	-	-	1,227.2

FUNDING SOURCES							
Water Rev.	1,227.2						1,227.2
	-						
	-						
TOTAL	1,227.2	-	-	-	-	-	1,227.2

Description: Proposed is the installation of approximately 2,600 feet of 12 inch water main in Douglas Avenue, from 104th Street to 111th Street.

Justification: This project would replace an existing 12 inch water main with a 12 inch PVC main. The project would reduce the number of breaks in the area resulting in lower maintenance costs.

Project Status: The project is scheduled for the Fall of 2028

Effect on Operating Budget: None.

Urbandale Capital Improvements Program (CIP) Committee Minutes
CIP 2023 – 2028+
Meeting #1
November 28, 2022

Opening

The Urbandale CIP Committee met on Monday November 28, 2022, beginning at 5:45 p.m., at Urbandale City Hall, with Committee Chair Adam Obrecht presiding.

Answering roll call were the following committee members: Chair Adam Obrecht, Co-Chair Bridget Carberry Montgomery, Pete Hutchison, Jackie Nickolaus, John Hollebrands, Rob Hilbert, and Pat Boddy. Absent from the meeting was committee member Chuck Current.

Also present were City Manager A.J. Johnson, Accountant II Addison Riebkes, Director of Engineering and Public Works John Larson, Asst. Director of Engineering Kristin Brostrom, Director of Parks and Recreation Jan Herke, Asst. Director of Parks and Recreation Scott Hock, Fire Chief Jerry Holt, Finance Director Nicci Lamb, Police Chief Rob Johansen, and Assistant City Manager Curtis Brown.

Obrecht 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.

- Community Recreation Complex – Herke presented the project stating that a proposed bond referendum would occur in March 2023.
- Fire Station #41 Replacement – Holt presented the project stating that part of the project would explore the potential relocation of Fire Station #41 westward to better serve the needs of Urbandale.
- Police Station Expansion and Covered Fleet Parking – Johansen presented the project stating that a draft of a recently completed facilities study indicated the appropriate size building for the current workforce and anticipated growth should be approximately 70,000 square feet, compared to its current size of 23,400 square feet. The study indicated that expansion of the current facility may no longer be a reasonable alternative.

Hollebrands inquired about the necessity of relocating Fire Station #41 vs. rebuilding or renovating at the current location. Holt informed the committee that the station is so close to

the eastern boundary of Urbandale that the station is losing coverage to the western boundary of Des Moines. A study would be completed to determine if moving the station to the west would better serve Urbandale and increase response times.

The committee inquired further regarding the space needs of the Police Department. Johansen noted that a draft of a space needs study, that is being completed by the City, indicated that the current site/facility is not suitable to meet our future space needs. Johansen stated that in FY23 a study is planned to identify a suitable location if a police station replacement was pursued. Committee requested the Police Station Expansion and Covered Fleet Parking project page be updated to reflect the adjusted anticipated cost for the project and new information.

MAJOR EQUIPMENT section was reviewed by the CIP Committee.

TECHNOLOGY section was reviewed by the CIP Committee.

PARKS section was reviewed by the CIP Committee.

Boddy requested the City attempt to secure endowments from private partners to pay for the ongoing maintenance costs associated with the Northpark Corridor Park project.

Carberry Montgomery requested, Hock confirmed, that the skate park improvements would include the input of users of these facilities during the design phase.

Obrecht requested the City explore private fundraising opportunities to help fund additional enhancements to what the City has already planned. Hock confirmed that Parks & Recreation staff would explore those opportunities.

BRIDGES section was reviewed by the CIP Committee.

SIDEWALKS section was reviewed by CIP Committee.

STORM SEWER section was reviewed by the CIP Committee.

Hollebrands reiterated to City staff the importance of maintaining funding higher funding levels for storm water improvement projects.

STREETS section was reviewed by CIP Committee.

STREET LIGHTING section was reviewed by CIP Committee.

TRAFFIC SIGNALS section was reviewed by CIP Committee.

Obrecht asked the committee for any final questions, comments, or proposed changes to the 2023-2028+ CIP program. Noting none, Hollebrands moved, seconded by Boddy to approve the

CIP document for presentation at the public hearing on December 20, 2022, and adjourn the meeting at 8:30 p.m. Ayes: Obrecht, Carberry Montgomery, Hutchison, Nickolaus, Hollebrands, Hilbert, Boddy. Motion carried 7-0.

Adam Obrecht

Adam Obrecht, CIP Committee Chair

Attest:

Addison Riebkes

Addison Riebkes, Accountant II



Urbandale Capital Improvements Program (CIP) Committee Minutes
CIP 2023 – 2028+
CIP Committee Public Hearing
December 20, 2022

Opening

The Urbandale CIP Committee met on Tuesday December 20, 2022, beginning at 6:00 p.m., at Urbandale City Hall, with Committee Chair Obrecht presiding.

Answering roll call were the following committee members: Chair Adam Obrecht, Co-Chair Bridget Carberry Montgomery, Pete Hutchison, John Hollebrands, Pat Boddy, Jackie Nickolaus, and Rob Hilbert. Absent from the meeting was committee member Chuck Current.

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, Finance Director Nicci Lamb, and Assistant City Manager Curtis Brown.

Obrecht recited the CHARACTER COUNTS! Statement and opened the meeting.

Hollebrands moved, seconded by Boddy, to approve the November 28, 2022 CIP minutes as written. Voice call: all Ayes. Motion carried.

Obrecht indicated the public notice was published on December 9, 2022, and asked if there were any objections. No objections were received.

Hollebrands moved, seconded by Boddy, to open the public hearing. Voice call: all Ayes. Motion carried.

Public Comment:

- Resident (MB) on 8216 Karen Dr. discussed the shift of interest to outdoor activities during the Covid-19 pandemic and the pride he takes in Urbandale's trail system. He noted the trails on the east side of 80/35 and the distinct difference between visually aesthetic walking trails and the biking paths that follow arterial roads. He suggests the council separate trails into those two categories and focus on connectivity of the existing walking trails east of the interstate. Also, resident (MB) offered thoughts regarding the future build-out of Plum Drive and area surrounding the Urban Loop. The letter from resident (MB) letter is attached following the conclusion of the CIP Public Hearing minutes.

Obrecht inquired of other guests from the public if there were any additional comments. Noting none, Hollebrands moved, seconded by Boddy, to close the public hearing. Voice call: all Ayes. Motion carried.

Review of CIP sections:

ART: no comment.

BUILDINGS:

Police Station Expansion and Covered Fleet Parking – The committee was presented with an updated Police Station Replacement project page, as requested at the previous meeting, which listed the potential future bond referendum amount increased to \$36.4 million for the potential relocation and rebuilding of the Urbandale Police Station. Finance Director Nicci Lamb presented information regarding the City’s debt load through FY26 with the inclusion of large debt issuances related to potential bond referendum items presented in the current capital improvements plan.

Motion by Hollebrands, seconded by Carberry Montgomery, to table the police station replacement changes until further analysis is completed. Ayes: Hollebrands NAYES: Obrecht, Carberry Montgomery, Hutchison, Nickolaus, Hilbert, Boddy. Motion failed 1-6.

Montgomery stated the need for accurate information being presented within the CIP program if replacement is actually required in the future. Hilbert noted the need to be mindful of the needs of the community and the police station replacement should be presented accurately if that is what is required in the future.

Motion by Montgomery, seconded by Hutchison, to replace the Police Station Expansion and Covered Fleet Parking project page with the revised Police Station Replacement project page. Included on the updated project page will be an asterisk tied to a footnote pointing out the numbers presented are subject to change as the space needs of the Urbandale Police Dept. are identified in greater detail. Ayes: Obrecht, Carberry Montgomery, Hollebrands, Hutchison, Nickolaus, Hilbert, Boddy. NAYES: None. Motion carried 7-0.

MAJOR EQUIPMENT: no comment.

TECHNOLOGY: no comment.

PARKS:

Lions Park Sprayground and Improvements– Hollebrands stated his opposition to the project phase that includes the removal of the existing baseball field.

Motion was made by Hollebrands to eliminate the phase of the Lions Park Sprayground Improvements project that includes the removal of the baseball field. Motion was not seconded. Motion failed.

Water Trails Projects – The committee was presented with and updated project page reflecting the City receiving a \$125,000 grant to apply towards the stated improvements, offsetting the use of capital projects funds.

Motion by Boddy, seconded by Hutchison, to approve the updated Water Trails Projects page. Ayes: Obrecht, Carberry Montgomery, Hollebrands, Hutchison, Nickolaus, Hilbert, Boddy. NAYES: None. Motion carried 7-0.

BRIDGES: no comment.

SIDEWALKS: Boddy reiterated the request made during the public hearing to study the connectivity of the City’s various trail systems. Boddy suggested the Council consider requesting the Complete Streets Committee do a review of the Complete Streets study and the priority of trail connectivity. Parks Director Jan Herke noted that the Parks Department is implementing the Complete Streets Plan as approved by the City Council.

Motion by Obrecht, seconded by Boddy, to request Council and staff to explore the possibility of connecting the two sides of 86th street sidewalks. Ayes: Obrecht, Carberry Montgomery, Hollebrands, Hutchison, Nickolaus, Hilbert, Boddy. NAYES: None. Motion carried 7-0.

STORM WATER: Hollebrands noted the need to increase storm sewer spending to alleviate flooding issues across the city. Carberry Montgomery noted that consultant study that was completed to review storm water improvements that would help alleviate existing problems. Engineering Director John Larson stated that part of the study came up with a priority list which has been prioritized and worked into the CIP. Those are being implemented over time as it makes sense with other construction projects that are happening. Director Larson reiterated that it isn’t just a matter of spending more money, but also balancing the inconveniences introduced into people’s neighborhoods and finding contractors not overloaded with similar projects.

Hollebrands motioned, seconded by Boddy, to increase spending on storm sewers to \$9-10 million/yr. for ten years. Ayes: Hollebrands, Boddy. NAYES: Hilbert, Nickolaus, Hutchison, Obrecht, Carberry Montgomery. Motion failed 2-5.

STREETS:

Aurora Ave. – 86th St. to 70th St. Bike Lanes – Hilbert pointed out the strong opinions for and against this proposed project but indicated the importance of prioritizing the education of both bikers and drivers once these improvements are made. Hutchison made reference to other streets with middle turn lanes, indicating that it would make for safer driving experience on Aurora for a majority of the day for everyone using the road. Engineering Director John Larson stated that the project as it exists now was the result of instruction from the Council, as originally it was a multi-million-dollar project including more significant modifications.

Hickman Interchange Improvements: Hollebrands motioned, seconded by Hutchison, urging Urbandale and Clive City Councils to examine in considerable detail the adequacy of planning of detour routes and traffic control when Hickman Rd. is closed in regard to construction of the I35/80 reconstruction. Ayes: Obrecht, Carberry Montgomery, Hollebrands, Hutchison, Nickolaus, Hilbert, Boddy. NAYES: None. Motion carried 7-0.

STREET LIGHTING: no comment.

TRAFFIC SIGNALS: no comment.

Obrecht asked the committee for any final questions, comments, or proposed changes to the 2023-2028+ CIP program. Noting none, Boddy moved, seconded by Nickolaus to approve the CIP document, as modified, for presentation at the City Council public hearing on January 10, 2023. Voice call: all Ayes. Motion carried.

With no further business to come before the CIP Committee, Hollebrands moved, seconded by Boddy to adjourn the meeting at 8:15 p.m.



Adam Obrecht, CIP Committee Chair

Attest:



Addison Riebkes, Accountant II

A Letter to the Capital Improvements Committee on the East Side Loop Trails:

The pandemic has shifted community mindsets putting into focus the value of outdoor activities and trail systems. Urbandale as a city has promoted these trail systems and put an emphasis on their value. I believe that the city DOES value its trail system, yet over the years piecemeal development, both residential and commercial, has seemed to fracture connectivity.

There is a value to trails that are NOT ALONG PRIMARY ARTERIAL STREETS. When residents think of utilizing Urbandale's vast trail network they think of shaded parks along visually stimulating pathways that connect nodes such as parks and give a sense of safety being disconnected from harm such as motor vehicles. A long, leisurely stroll along a heavily trafficked, unshaded, noisy, arterial street is not what they have in mind. These sort of paths are more useful to runners and bikers. But even to them, uninteresting, unaesthetic paths which require you to commonly stop and potentially dismount to cross at streets feeding on to arterial streets is inconvenient. The longer a path can go uninterrupted, the more enjoyable. To be honest, I think the city needs to take a look back at the 2019 complete streets plan and separate these two types of systems and think of them in different mindsets.

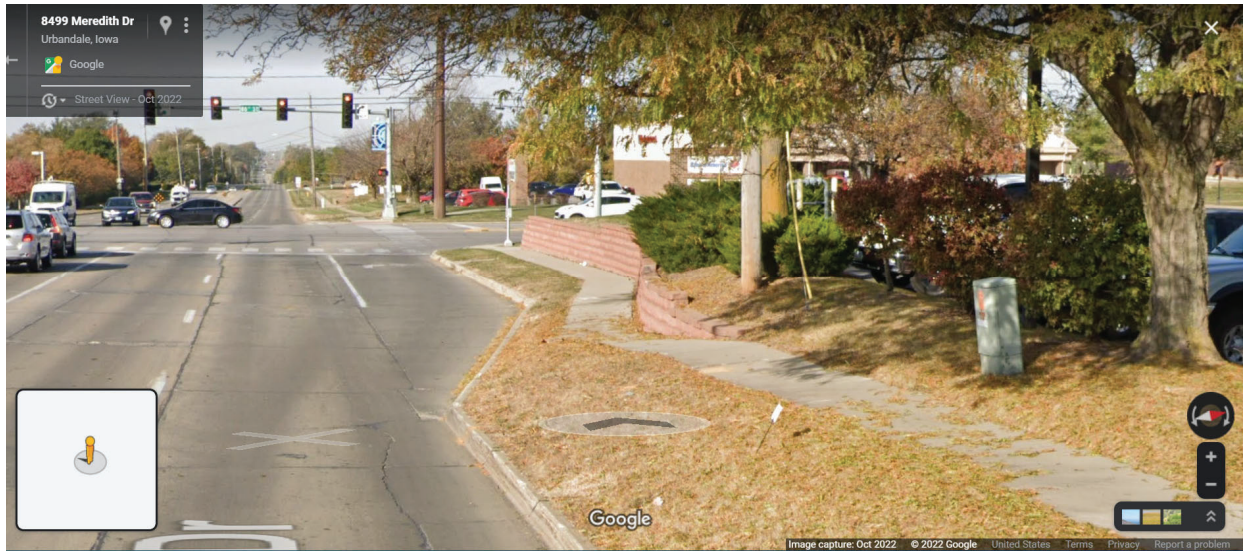
As it sits today, the trail system on the east side of the city remains fractured. Merle Hay to 86th, no complete connection. 86th to 100th no complete connection. 100th across to the west side of the city, no complete connection. We won't be able to solve every one of these disconnections with a single solution but I would like to highlight one key fracture.

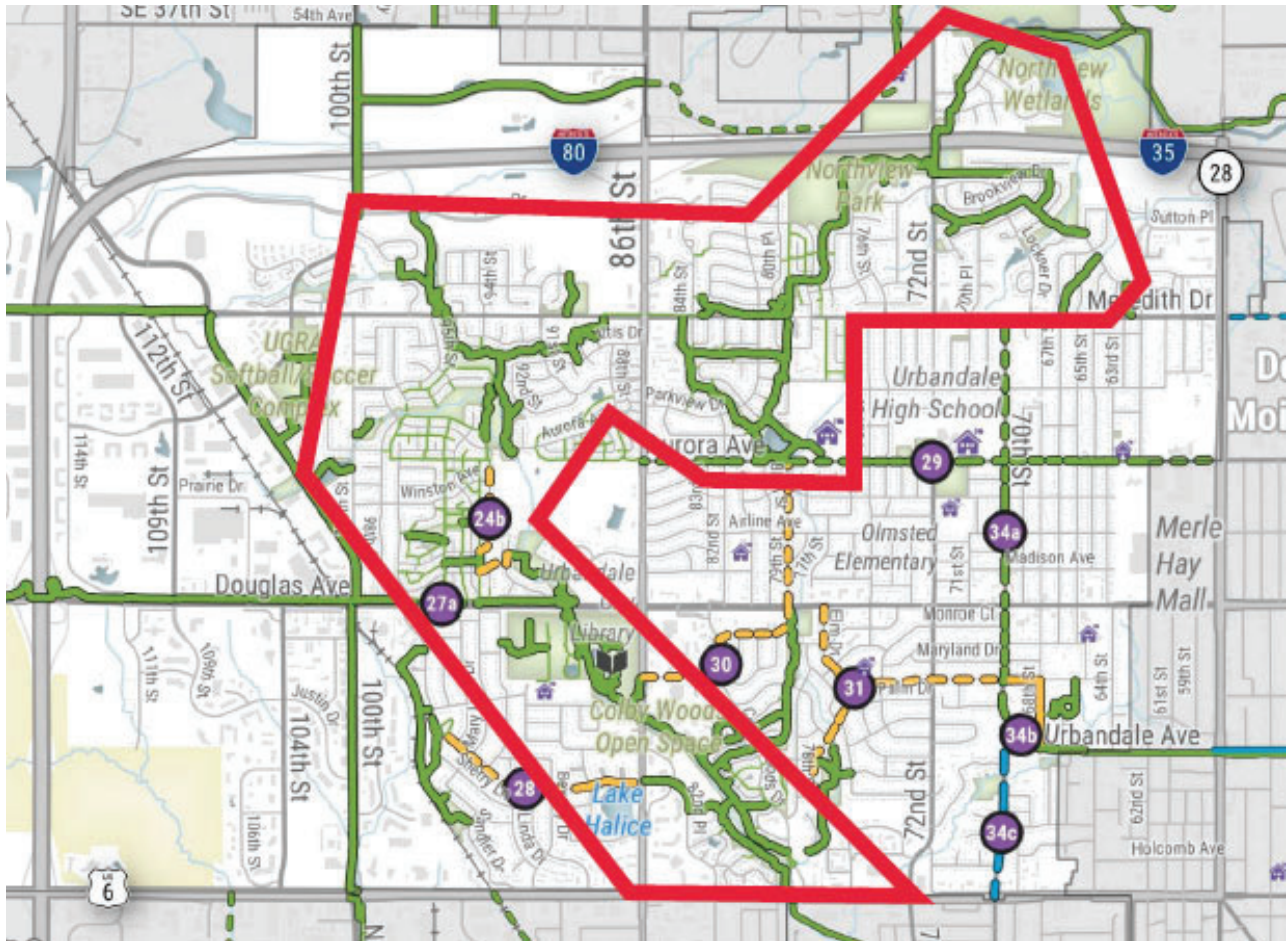
A large network of existing trail systems on the east side already exists today. Much of this system was created to be unfractured and separated as much as can be from motor vehicles. It runs through Urbandale along North Walnut Creek. Connecting south to as far as downtown and beyond it ties up through Walker Johnston Park, into the Cross Creek Neighborhood, it continues north running under Meredith and terminating at Plum where (as a resident, I would hope it someday continues along with development taking place there). Its at Cross Creek where this path also turns to the east and heads towards the Meredith Park neighborhood. There is an excellent (non-arterial street) trail system that begins at Meredith Park and runs clear to Terra Park, the Johnston Town Center, and even connecting to the Trestle Trail all the way up to Sailorville. As it sits today, there is a 4 block section that is preventing these two trails from tying together. From 84th and Meredith to 88th and Meredith.

This stretch is labeled on the complete streets as a trail, and it is most definitely labeled incorrectly. The sidewalks are dangerous, at one point near the intersection they get as close as a couple feet off the road and slope towards the street. No one with a stroller or dog is going to go near this. There is also no path that crosses Meredith. (see images attached below) I would also like to point to an image of how many residents on the east side of the city like within a couple block radius of this fantastic network of trail systems who would benefit from this connection.

Right now there is development taking place in this location with the Oakwood Haven Neighborhood. There may still be some remaining undeveloped area between Oakwood Haven and adjacent commercial. Not sure. There is also quite a bit of land still undeveloped along Plum drive. I would encourage this committee to take a little time and let city engineers find the best solution to create a connection of these two trail systems. If development continues with no plan in place, these trails will

be almost impossible to connect in the future. Limiting all residents between in their extent of access. It would be nice if a solution could be found to maintain a path between them that did not require crossing a busy street through the use of a crosswalk. I would also propose to move the priority of this project from medium term to short term as outlined in the 2019 plan. If the city cannot adopt changes to the complete streets master plan, this needs to be thought of outside the scope of that plan. These paths exist now. Connecting them creates an immediate benefit for all along them. Whether this becomes a project in 2023 or comes later THE TIME TO SET ASIDE RIGHT OF WAYS OR PURCHASE LAND WOULD BE RIGHT NOW!! If this is not reserved. The opportunity becomes missed.





One final note. I would be very hesitant to think of the connection point of these two trail systems being either 100th up to Northpark or Aurora. Aurora for exactly the reasons outlined above on the difference between sidewalks along arterials being called “trails” that have secondary streets feeding onto them. And 100th/Northpark because residents of these trail systems do not want to cross onramps and 80/35 to access. And same principal of arterial streets being called trails.

As proposed at the 12.20.22 Capital Improvements Committee Meeting. There is a need for a Regional Connecting Trail Inside the Urbandale Loop. These are a couple of suggestions. I would imagine that a city planner who is much more in tune with the land and outline of development can better these suggestions.

Options:

Path 1:RED - Runs from existing trails at Northview Park behind Northview Dr on city of Urbandale and/or Government Land. Crosses under 86 via tunnel similar to other areas in city in area where 86th elevates to overpass 80/35. Continues along 80/35 to North side of existing development until connecting via new trail at North Walnut Creek (or cuts down to Plum Drive sooner if able to work trail into new development until connecting to trail at Walnut Creek. Advantage of route would be zero disruption of traffic on 86th and potentially avoiding utilities. Very safe. Disadvantage of route cost of tunnel under 86th, and mostly all new trail, does not utilize much existing.

Path 2:PURPLE - Runs from existing trails at Northview Park behind Northview Dr on city of Urbandale and/or Government Land. Similar to path one, but cuts down between the medical office building and dental clinic where there is extra lot area. Crosswalk to cross plum drive and work with Plumwood Terrace on best way to get a path around their property to get to the crosswalk that's at 86th and Plum just south of Plum. Work to upgrade that intersection to make pedestrian and bike friendly crossing. After crossing 86th continue south along 86th for 50 yards and cross over using median between bank and Beerhouse (suggest separating these two parking lots so no cross traffic. Continue around backside of Culvers and travel along ridge between residential and commercial developments (no cross traffic!!) until connecting to trail at North Walnut Creek. Advantages: No expensive tunnels underground and only two crosswalks (one at existing intersection that already has a light). Can create a long run of trail between commercial and residential west of 86th. Would put Beerhouse ON a bike trail which is well liked by enthusiasts. Takes advantage of existing traffic light at Plum/86th and not as busy as Meredith/86th. Disadvantages: Navigating around Plumwood Terrace, and mostly all new trail, does not utilize much existing except for Northview Park to 72nd. Would need to establish rights to build this in the future NOW as much of this property is up for sale but yet to be developed.

Path 3 or 4:BLUE/ORANGE

Using the existing local trails from the east side of Northview Park going south and then connecting to Sharon Heights Park – to Meredith Park (all city of Urbandale owned). Then constructing new trail from Meredith Park trail termination at 84th Street over to either the trailhead at 8830 Meredith Drive (east of townhouse) OR the trail inside Bestland Park and connecting it over to 9100 Meredith Drive which the owner has had up for sale several times and city could purchase. The alternate to these two crossings would be to extend the trail even further down following Meredith to the North Walnut Creek Trail, but this would involve crossing several streets feeding on to Meredith. See other documents on why this is not always well received.

Advantages: Least amount of new trail. Takes advantage of existing trail that is in ok shape between Sharon Heights Park and Northview Park and Northview Park and 72nd Street. Some of this was just recently redone and the rest could be done but be tabled until a later date. Addresses sidewalk liability

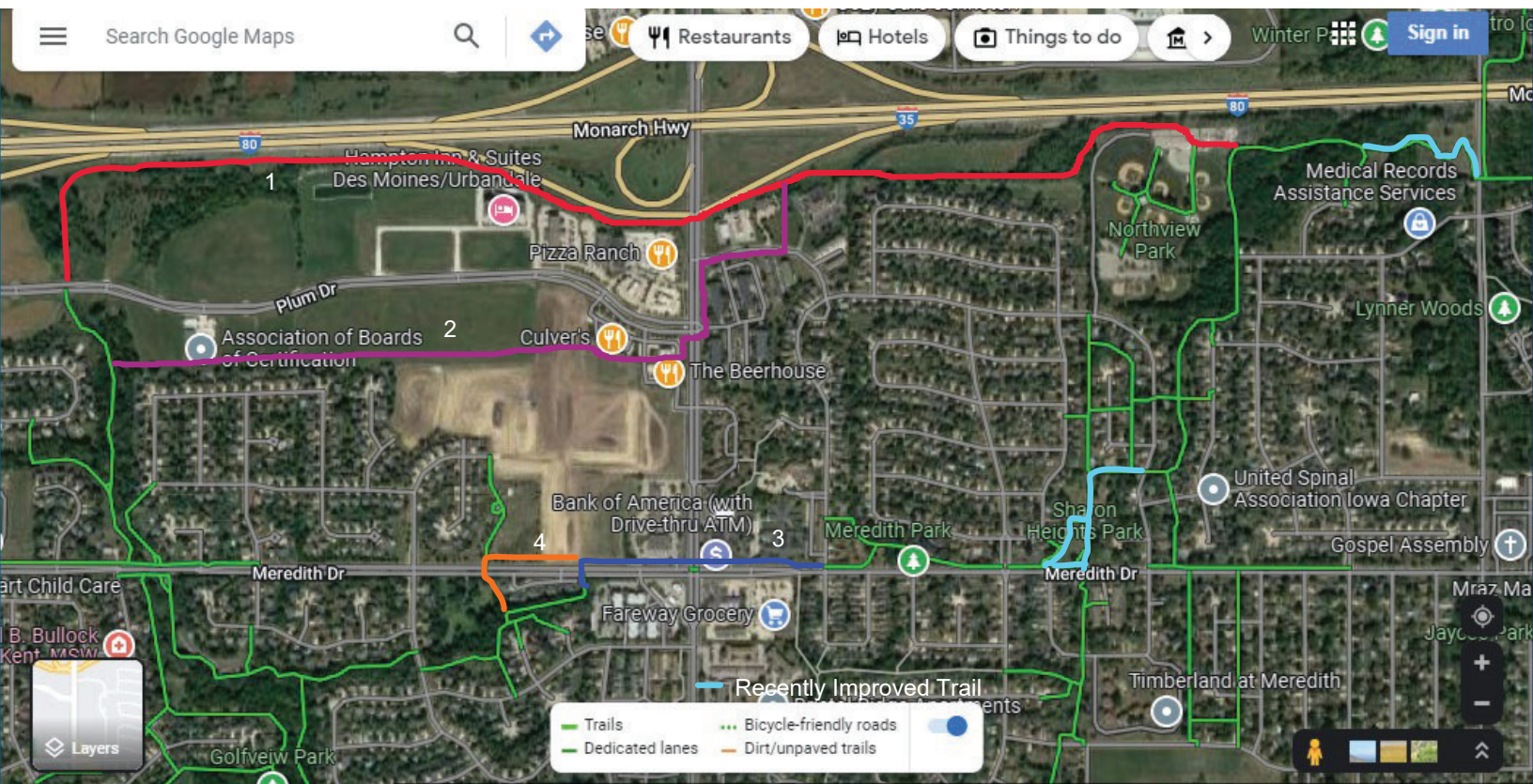
between BoA parking lot and intersection of Meredith 86th where sidewalk comes within few feet of busy road.

Disadvantages: 86th and Meredith intersection and getting from North to South across Meredith. Bridge or Tunnel would probably be needed as this is a very unsafe intersection as-is. If it wasn't for that, this would be the clear cut winner. Also would probably look at taking the two commercial properties on north side of 86th/Meredith and relocating secondary entry drives to be 86th and not Meredith. Could allow for space needed to ramp up a pass over. Would love this most out of all idea but would it be financially practical? Yes, but only if city wants to create full trail from Walker Johnston to Terra, maybe not so much if its just thought of as a local connector.

Path 5: Not Shown – Similar to Path 2 but connects further south and crosses 86th at Aurora. Would need a connection from Lakeview Park Along Aurora until it could pick up the trail on the east side of the intersection 86th/Aurora. Would involve crossing 82nd and Gloria Dei entry drives. Existing trail from intersection over to 9120 Aurora would need redone and widened. And then would need sidewalk widening to get from 9120 Aurora to trailhead at North Walnut Creek. Least interesting route but potentially do-able. As stated before, any trails along arterial streets are not optimal trails.

*For any of these options I would suggest selecting route soon and seeing if there are any “immediate” land holds/right of ways needed so that these become impossible as the land north and south of Plum Develops out.

** If acted upon quickly. This could be worked into existing site plans for development around the south side of plum (should that option be best). Businesses may actually received a regional trail at their doorstep well. For future development it could be mandatory for proposed site plans.



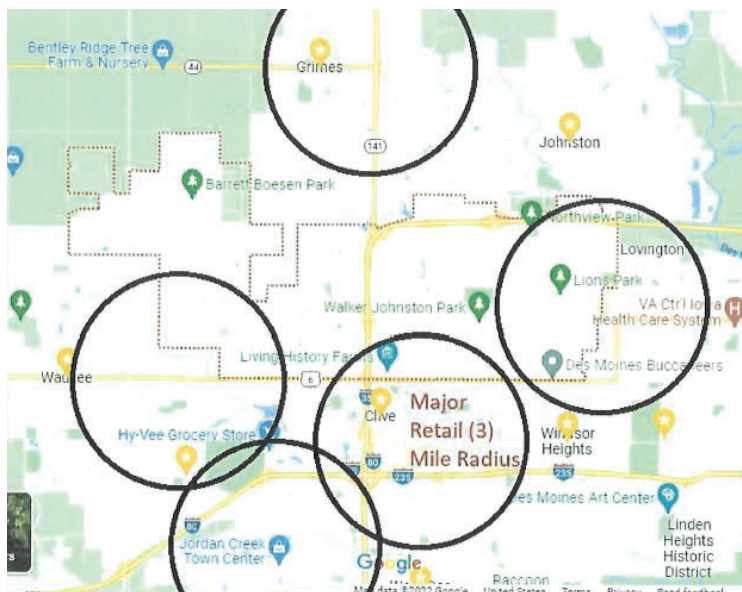
Advantages to Controlling the Narrative Along Plum Drive:

I would like to open by thanking the city for the recent workshops and envisioning sessions on the future of Urbandale.

In this letter I'd like to offer some thoughts from a local resident on the Plum Drive Corridor. Let me preface all thoughts to come by re-emphasizing and stressing that if any validity is found in the content below, progress needs made quickly. Wheels are already turning in this area. To not get ahead of this now puts this area in a similar situation to that of 142nd and Douglas where prime property is coming together in piecemeal fashion.

This last week has come with the news of yet another big development being proposed by a Des Moines Township. Waukee proposing a \$132 million dollar township center on the westside near its border with Urbandale. This not too recently following buzz of Waukee's Grand Prairie Parkway District, Johnstons Town Center work and Merle Hay Corridor, Ankenys Prairie Trail District, Grimes rapid expansion, and Urbandale's ?

What exactly is Urbandales District? Their spot on the map for their feature project? Their "cool" node? Their "district"? Is it the downtown? Probably not. No matter how much money is sank here, this area is probably better served as a historical preservation district downtown like Valley Junction with perhaps some redevelopment to up the density for the one block area flanking Douglas. So as not to compete with Merle Hay Mall Redevelopment. Is it the historical town center near city services? Probably not. This area boasts the city offices, an excellent park, giant HyVee, and large strip mall that would be very costly to redevelop. Is it the intersection talked about as the town center of the west in the cities master plan, 142nd and Douglas? So far, no. This intersection now boasts a gas station, retirement community, and townhomes. This area is not trending towards becoming a city center as planned. So where exactly could a project like this land? Urbandale is starting to run out of land to have their flagship project. What's left that is far enough away from other major retail centers so as not to compete?



I can start by, as a resident, stating what I don't need. I don't want rider corner to 86th reflecting the area between the east mixer and Merle Hay Road with spec warehouses and tilt up construction. That area of the city looks like an industrial park. I don't really want this area looking like tilt up business park or single story sprawling strip business park either. Isn't there already enough of this from Rider Corner south to Douglas. And from the interstate over to 110th? That seems to be the predominant, bland, not too far off from industrial, buildings that have been allowed to have been constructed. However, it would be NICE TO SEE Urbandale reserve space for the RIGHT business park functions through city mandated zoning and sales. Office functions like John Deere, Delta Dental, Chubb. Clean, corporate, office space. And Northpark Drive seems to have just that. And should rightfully continue in that direction. On Plum however, what purpose does that same function serve? In looking at the map above, there is an obvious gap for all residents in that area being the farthest from their own major retail area. What I also don't want as a resident is having the city allow any Tom, Dick, and Harry popping up random piecemeal development along Plum with no rhyme or reason or though put behind how the properties work together. That's exactly what seems to be happening at 142nd and Douglas, and what Plum is becoming dangerously close to doing. Thought should be put into the control and development of what is some of the last buildable area in central Urbandale. This area should follow suit of the controlled, master planned developments that all other townships are putting controls into doing. Otherwise we are going to get a mix of random functions along this corridor. What could have been a thoughtfully planned district will turn into a commercial mix of random entities. Proposed shooting ranges, car dealerships, spec office park, strip retail etc. Why not instead control the fate of this area. Through zoning or thoughtful master planning help mold this area. Work with developers in the same manner other townships are doing to incentivize certain types of development and work with Architects to create a mold of this area so it communicates as a district (think prairie trail without the residential.) This area already is already surrounded by residential, it has the hotels flanking, the flagship target and home depot. How do we properly infill the rest. I think that the recent approved Mixed use Loop is a step in that right direction. But it's on an island. It hits on the function of bringing mixed use into the area, but partially misses on the potential of the parcel to interact with other parcels to create a mixed use district. And this is what will happen if controls are not put into place to help guide. Build out of the area will just happen parcel by parcel to the first check book coming and missing on the opportunity the city has to make this an area residents can be excited about.