



# Capital Improvement Program

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**2021-2025**  
**CAPITAL IMPROVEMENT PLAN**  
*ROAD TO THE FUTURE*



**DRAFT**



## City of Maryland Heights CAPITAL IMPROVEMENT PROGRAM 2021- 2025

### **INTRODUCTION**

The Capital Improvement Program (CIP) is a plan for the City's capital investments over a five (5) year period. The CIP allows the City to project all capital costs, funding and timing. Each year the CIP is reviewed by the City Council within the context of ongoing City, County and State planning, programs and policies, as well as the City's Comprehensive Plan.

In accordance with state law, the Plan Commission reviews the location, extent and character of all proposed improvements of streets and other public facilities.

Capital investments involve major city assets that normally have long, useful lives. Items included within the CIP are usually found within one of the following six (6) categories:

1. The acquisition of land and/or buildings for a public purpose.
2. The construction of a significant facility, i.e., a building or a road, or the addition to or extension of an existing facility.
3. Rehabilitation or major repair to all or part of a facility, i.e., infrequent repairs that are not considered to be recurring maintenance, provided the total cost is estimated to be not less than \$100,000.
4. Any specific planning, engineering, design work or construction management activity related to the above three (3) categories.
5. The annual street pavement maintenance program, which includes replacement and cracksealing of concrete pavement sections, and resurfacing/microsurfacing of asphalt pavement streets.
6. Any new or replacement capital equipment or software purchase with an estimated cost of not less than \$100,000.

The current CIP includes five (5) years of projected capital expenditures totaling \$20,617,000. Additionally, some projects were started prior to 2021 and/or extend beyond 2025 and would increase the total capital costs to \$35,550,000. The first year of the Program will be incorporated into the capital portion of the FY2021 Budget. The remaining four (4) years will serve as a financial plan for capital investments. The CIP complements the Annual Budget and is updated each budget cycle.

The City is pursuing a program to upgrade all City streets functionally classified as "collector roads". In addition, the City Council has plans to continue to upgrade unimproved residential "local" streets and add sidewalks in residential areas. Storm water improvement projects are recommended by the Storm Water Advisory Commission using their adopted rating system.

### **ORGANIZATION OF THE CIP**

The CIP's organization permits a comprehensive treatment of all pending capital projects. The major portion of the program contains the individual project descriptions, organized by categories set forth in the Strategic Plan and program areas corresponding to the Annual Budget. Each project sheet contains information regarding the description, existing conditions, funding, benefits and impact on operating costs of each project.



### ***FINANCING THE CIP***

The following funding sources may be used to finance a project in the CIP:

- Advance from Reserve - The flow of budgetary funds and the timing of capital project expenditures can cause shortfalls in the funds used for capital projects. The City's Reserve Fund is utilized to advance funds (cash) in order to finance these situations on a short-term basis.
- Available Funds - Cash currently available in one of the City's operating funds.
- Grants - Funding provided to the City by other governmental entities.
- Leasehold Revenue Bonds - To finance certain municipal facilities the Maryland Heights Public Facilities Authority may issue bonds to fund projects and lease the facilities to the City in exchange for annual debt service payments.
- Miscellaneous Sources - Funding sources that do not fall within one of the above categories. When a project lists this as a source of funding, a further description of the funding can be found in the narrative section of the project sheet.
- Private Contributions - Payments by private property owners or developers for public capital facilities (such as storm water facilities and streets) that support or enhance their property or project.
- Special Assessment - Long term borrowing for localized projects repaid through user charges or taxes that are generated within the area of the improvements.
- Tax Increment Financing - Funding provided by incremental taxes resulting from new development in a designated Tax Increment Financing (TIF) District.
- In FY2021, \$1,000,000 is being transferred from the streetlighting fund.

### ***GAMING TAX REVENUES AS A FINANCING SOURCE***

City policy provides that no gaming taxes will be allocated to Capital Improvements in FY2021. Beginning 2022, the CIP assumes that annual gaming taxes in excess of \$8 million will be allocated to the CIP.



### **RELATIONSHIP BETWEEN THE OPERATING BUDGET AND CIP**

Whenever the City commits to a capital project, there is an associated long-range impact on operating funds. Most capital projects affect future operating budgets either positively or negatively by influencing maintenance costs or by providing capacity for new services to be offered. Such impacts vary widely from project to project and, as such, are evaluated individually during the process of assessing project feasibility. The amount of impact is categorized as: Positive, Negligible, Slight, Moderate or High.

	<b>Definition</b>
<b>Positive</b>	The project will either generate revenue to offset expenses or will actually reduce overall operating costs.
<b>Negligible</b>	The impact will be very small. It will generate less than \$10,000 per year in increased operating expenditures or savings.
<b>Slight</b>	The impact will be between \$10,000 and \$50,000 per year in increased operating expenditures.
<b>Moderate</b>	The impact will be between \$50,000 and \$100,000 per year in increased operating expenditures.
<b>High</b>	The project will increase operating expenditures by more than \$100,000 annually.

Construction management services are performed by City staff and are budgeted in the General Fund. An operating transfer is budgeted from the funds that contain capital projects to the General Fund. Consequently, the CIP includes the cost of these services.

### **INFLATIONARY IMPACT ON ESTIMATES**

An inflation rate of 3% per year is assumed on the estimated cost of all projects included in the CIP. The main funding source, gaming taxes, has no inflationary growth associated with the projected revenues since a significant component is a flat tax on admissions. The casino operator advises the City of likely annual changes in the market and/or market share. A positive balance is shown at the end of 5 years but it should be noted that the amounts shown for each project are estimates based upon the current scope of the project. The scope or limits of a project are modified and refined during design. Therefore, the projected fund balance may be viewed as a reserve or contingency for project modifications.

### **NEW DEVELOPMENTS**

Foreseen additions to the City's infrastructure that are a result of planned new private developments are included in the CIP. While these projects will be financed and constructed by private developers, they will add to the City's future maintenance and service responsibility and represent an investment in the City's infrastructure. Standards of governmental accounting require that the City include these assets in the City's financial statement when completed and accepted for maintenance by the City Council.



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**CAPITAL IMPROVEMENT PROGRAM**  
*Summary: All Funds*  
*Estimated Expenditure (000's)*

	<b>Total Cost</b>	<b>Prior To 2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Beyond 2025</b>
<b>CAPITAL IMPROVEMENT FUND</b>	33,040	1,470	4,495	3,945	3,720	3,055	2,935	13,420
<b>STREETLIGHTING FUND</b>	67	0	12	4	4	4	43	0
<b>PARKS FUND</b>	2,443	43	500	450	500	450	500	0
<b>TOTAL EXPENDITURES</b>	<b>35,550</b>	<b>1,513</b>	<b>5,007</b>	<b>4,399</b>	<b>4,224</b>	<b>3,509</b>	<b>3,478</b>	<b>13,420</b>

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## **COLLECTOR STREET PROJECTS**

**The collector street system provides land access and traffic circulation within residential neighborhoods, commercial and industrial areas. Urban collector systems may penetrate neighborhoods, distributing trips from the arterials through the area to the ultimate destination. Collector streets also collect traffic from local streets in residential neighborhoods and channel it into the arterial street system.**

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**CAPITAL IMPROVEMENT PROGRAM (DRAFT)**  
**CAPITAL IMPROVEMENT FUND**  
*Estimated Expenditure (000's)*

PROJ. #	PROJECT NAME	2021	2022	2023	2024	2025	Total 2021-2025	Prior to 2021	Beyond 2025	Total Cost
<b>COLLECTOR STREET PROJECTS</b>										
157	Adie Road (Dorsett Road to Lindbergh Blvd)	140		1,670			1,810	292		2,102
149	McKelvey Rd. (Ameling to Railroad Bridge)	100					100	8		108
	Fee Fee Road (Westport Plaza Dr to Schuetz Rd) Pavement Rehabilitation		1,000				1,000	149		1,149
	Maryland Heights Expressway/Sportport Road Improvements					150	150		1,000	1,150
<b>LOCAL STREET PROJECTS</b>										
	DeRuntz Ave.				270	125	395		1,700	2,095
141	Sidewalk Construction	250	0	170	295		715		565	1,280
	Gill/Hedda/Broadview/Daley				400	105	505		3,125	3,630
	River Valley Drive Improvements Hwy 141 to Hwy 364 Overpass)					60	60		345	405
<b>PRESERVATION/ENHANCEMENT PROJECTS</b>										
004	Pavement Maintenance Concrete Streets, Sidewalks & Asphalt (Repl./CrkSeal)	800	1,000	1,000	1,000	1,000	4,800			4,800
126	Public R/W - Property Enhancements (Trees, Entryway and Wayfinding Signage)	50	50	50	50	50	250			250
	Fee Fee Greenway Extension (Aquaport to East of I-270)		200				200		4,000	4,200
	Westglen Estates Trail Connection	1,300					1,300	206		1,506
	Sustainability Center	565					565	450		1,015
<b>ROADWAY SUBTOTAL EXPENDITURES</b>		<b>3,205</b>	<b>2,250</b>	<b>2,890</b>	<b>2,015</b>	<b>1,490</b>	<b>11,850</b>	<b>1,105</b>	<b>10,735</b>	<b>23,690</b>
<b>FACILITIES/EQUIPMENT</b>										
079	Equipment Replacement	0	110	180	160	250	700			700
082	Software Upgrade	250					250			250
	Government Center Parking Lot Overlay		300				300			300
<b>FACILITIES/EQUIPMENT SUBTOTAL EXPENDITURES</b>		<b>250</b>	<b>410</b>	<b>180</b>	<b>160</b>	<b>250</b>	<b>1,250</b>	<b>0</b>	<b>0</b>	<b>950</b>
<b>STORMWATER PROJECTS</b>										
	Administration Drive east of Schuetz Road	330					330	57		387
	12059 Autumn Lakes Drive		70	115			185			185
244	Breezemont Tributary		80		250		330			330
	Dorsett Creek (upstream of detention pond to Fee Fee Creek confluence)					250	250	810		1,060
	Edgeworth Avenue north terminus			100	35	225	360			360
	11465 Essex Avenue		130				130			130
255	Fee Fee Creek (Dorsett Road to Aban'd Trolley Bridge)				315		315	1,875		2,190
	12102 Glenpark Drive (west of street, rear of property)	70					70	42		112
252	11814 Jonesdale Court (east of street, rear of property)	190					190	65		255
	11968 Meadow Run Court (south of street, rear of property)	75					75	51		126
242	Metro Tributary (w/o Metro Blvd. to w/o Millwell Drive)			160		435	595			595
	2703 Wagner Place		735				735	150		885
	2515 Wesglen Estates Drive (west of street, rear of property)	105					105			105
240	Project Monitoring/Maint. of Mitigation Areas per USACE	25	20	20	20	20	105			105
<b>STORMWATER SUBTOTAL EXPENDITURES</b>		<b>795</b>	<b>1,035</b>	<b>395</b>	<b>620</b>	<b>930</b>	<b>3,775</b>	<b>365</b>	<b>2,685</b>	<b>6,825</b>
	Construction Management Services	245	250	255	260	265	1,275			1,275
<b>TOTAL FUND EXPENDITURES</b>		<b>4,495</b>	<b>3,945</b>	<b>3,720</b>	<b>3,055</b>	<b>2,935</b>	<b>18,150</b>	<b>1,470</b>	<b>13,420</b>	<b>33,040</b>
<b>SOURCES OF FUNDING</b>										
	Allocation from Gaming Revenue	0	1,000	1,500	1,500	1,500	5,500			
	Transfer from Streetlighting Fund	1,000					1,000			
	Federal STP Grant - Adie Road (Dorsett Road to Lindbergh Blvd.)			820			820			
	Federal STP Grant - Fee Fee Road Rehabilitation		630				630			
	Municipal Parks Grant	525					525			
	St. Louis Community Foundation & Bridgeton Landfill Community Project Fund Grant	565					565			
	Balance in fund at beginning of year	4,047	1,642	(673)	(2,073)	(3,628)				
<b>TOTAL FUNDING SOURCES</b>		<b>6,137</b>	<b>3,272</b>	<b>1,647</b>	<b>-573</b>	<b>-2,128</b>	<b>9,040</b>			
<b>Balance End of Year</b>		<b>1,642</b>	<b>(673)</b>	<b>(2,073)</b>	<b>(3,628)</b>	<b>(5,063)</b>				

Deficits in the Balance of the Fund indicate undetermined funding sources



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**ADIE ROAD**

**(Dorsett Road to Lindbergh Boulevard)**

**Description**

This project involves the reconstruction of Adie Road from Dorsett Road to Lindbergh Boulevard. The new road will consist of new concrete pavement 27 feet in width with curb and gutters and enclosed storm sewers. A sidewalk will be located on the north side of the road. The existing box culvert will be replaced as part of this project. East-West Gateway Council of Governments has approved funds for this project.

**Existing Condition**

The existing concrete pavement is 26 feet in width with a single span concrete culvert.

**Goals**

- Improve traffic flow and access to Ranken Jordan.
- Upgrade aging asphalt pavement and box culvert.
- Provide for improved safety conditions for both motorists and pedestrians with vertical curbs and sidewalks.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023*	2024	2025	Beyond 2025
\$2,102,000	\$292,000	\$140,000		\$1,670,000			

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund and Federal Surface Transportation Program.



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**MCKELVEY ROAD**  
**(Ameling Road to Railroad Bridge)**

**Description**

This St. Louis County Department of Transportation roadway project involves the reconstruction of McKelvey Road from Ameling Road to the railroad bridge. St. Louis County Department of Transportation will manage the engineering, right-of-way and construction phases of this project. The City will provide a funding contribution to this St. Louis County Department of Transportation roadway project.

**Existing Condition**

The existing corridor has both concrete pavement and asphalt pavement which varies in width along with limited sidewalk access for pedestrians.

**Goals**

- Enhance the appearance of this neighborhood and community center with a new roadway, street lights and trees.
- Provide an enclosed storm water drainage system.
- Provide for improved safety conditions for both motorists and pedestrians with curbs and sidewalks.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$108,000	\$8,000	\$100,000					

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund and Federal Surface Transportation Program



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**FEE FEE ROAD**  
**(Westport Plaza Drive to Schuetz Road)**  
**Pavement Rehabilitation**

**Description**

The project will consist of removing and replacing concrete slabs and milling and overlaying the asphalt section of Fee Fee Road. Additionally, the concrete pavement along the total corridor will have diamond grinding to correct surface imperfections. The bridge deck will be replaced as part of this project.



**Existing Condition**

Portions of the existing concrete pavement needs to be removed and replaced based on condition rating. In addition the asphalt section needs to be milled and overlaid. The bridge deck needs replacement based on MoDOT's 2018 inspection.

**Goals**

- Improve the ride ability.
- Extend the pavement life.
- Improve bridge inspection rating.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022*	2023	2024	2025	Beyond 2025
\$1,149,000	\$149,000		\$1,000,000				

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund and Federal Surface Transportation Program





DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**MARYLAND HEIGHTS EXPRESSWAY/  
 SPORTPORT ROAD IMPROVEMENTS**

**Description**

This project involves the raising of the existing intersection to prevent water over the roadway. The existing traffic signals will be adjusted to accommodate the change of elevation of this intersection.

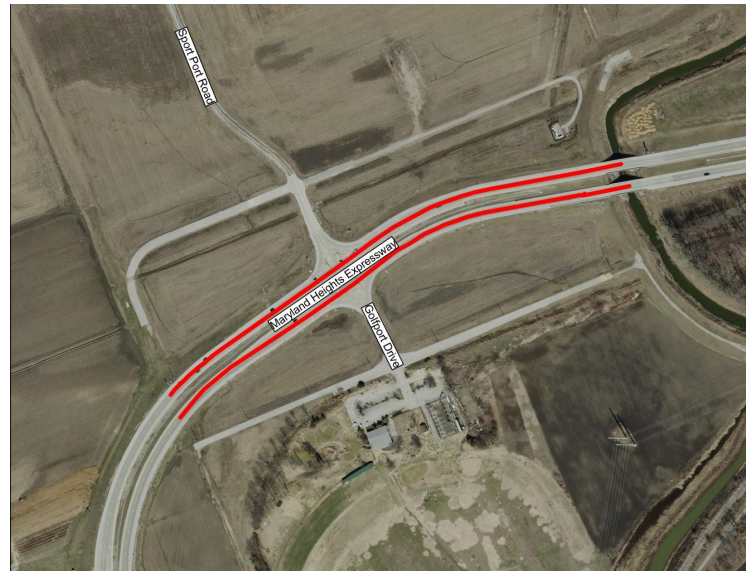
**Existing Condition**

The existing condition has the potential to flood during heavy rain events.

**Goals**

- Improve traffic flow and access.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$1,150,000						\$150,000	\$1,000,000

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund. MoDOT has expressed interest in participating in the construction costs. In addition an application for Federal Surface Transportation Funds will be made for 2026 funding.



## **LOCAL STREET PROJECTS**

**The local street system comprises all facilities not on one of the higher street systems. Its primary purpose is to provide direct access to abutting land and connect to the collector system.**



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS & BRIDGES**  
 PROJECT  
**DERUNTZ AVENUE**

**Description**

This project will consist of removing the asphalt pavement and replacing with concrete pavement. This project will include new sidewalks on both sides of the existing road. A cul-de-sac will be constructed on the end of the current avenue. Storm drainage improvements will be incorporated as part of the project.

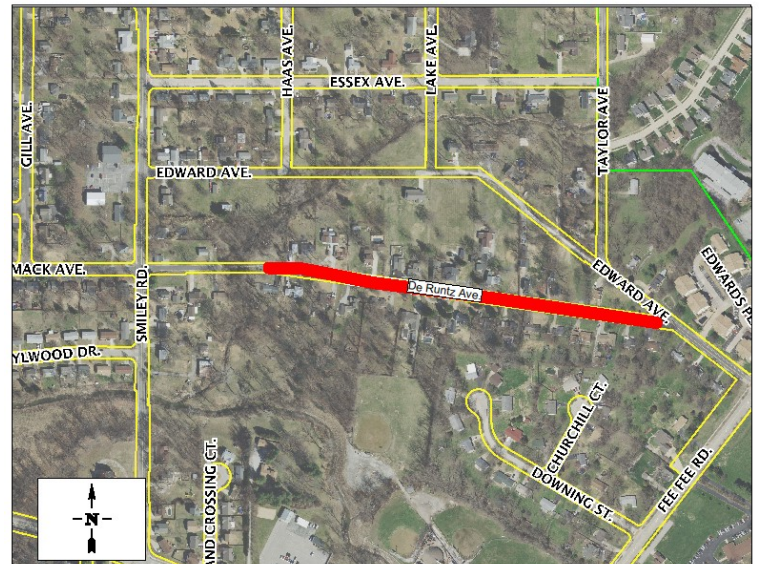
**Existing Condition**

The roadway is an asphalt pavement that is 26 feet wide without sidewalks on either side of the road.

**Goals**

- Enhance the appearance of this residential area with a new roadway.
- Provide for improved safety conditions for both motorists and pedestrians with curbs and sidewalks.
- Provide improved corridor to Edward Avenue.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$2,095,000					\$270,000	\$125,000	\$1,700,000

\*Project Completed

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS & BRIDGES**  
 PROJECT  
**SIDEWALK CONSTRUCTION**



**Description**

This project will provide for completing gaps in neighborhood sidewalks on public streets to increase pedestrian safety and accessibility.

**Existing Condition**

Currently there are many areas where no sidewalks exist or where gaps are present in the existing sidewalk network.

**Goals**

- Create a sense of community.
- Enhance existing property values.
- Improve pedestrian activity and accessibility.
- Enhance City image.

**Impact:** Negligible



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$1,280,000		\$250,000		\$170,000	\$295,000		\$565,000

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS & BRIDGES**  
 PROJECT  
**GILL/HEDDA/BROADVIEW/DALEY**

**Description**

This project will consist of removing the asphalt pavement and replacing with concrete pavement on the roadway projects. This project will include new sidewalks on both sides of the existing roads. Storm drainage improvements will be included with these projects.

**Existing Condition**

The roadways are asphalt pavement that is 20-22 feet wide without sidewalks on either side of the road.

**Goals**

- Enhance the appearance of this residential area with a new roadways.
- Provide for improved safety conditions for both motorists and pedestrians with curbs and sidewalks.
- Provide improved corridor.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$3,630,000					\$400,000	\$105,000	\$3,125,000

\*Project Completed

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS & BRIDGES**  
 PROJECT  
**RIVER VALLEY DRIVE  
 IMPROVEMENTS/HWY. 141 TO  
 HWY. 364 OVERPASS**

**Description**

This project involves elevating the existing pavement to prevent water over topping the roadway.

**Existing Condition**

The existing condition has potential to flooding.

**Goals**

- Improve traffic flow and access during flooding conditions.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$405,000						\$60,000	\$345,000

\*Project Completed

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund

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**PRESERVATION  
AND  
ENHANCEMENT PROJECTS**





DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**PAVEMENT MAINTENANCE**  
**CONCRETE STREETS, SIDEWALKS**  
**& ASPHALT STREETS**  
**(Resurfacing/Cracksealing)**

**Description**

The program involves the replacement of deteriorated sections of concrete pavement and cracksealing of concrete pavement. In addition, the program includes annual resurfacing of asphaltic pavement and microsurfacing of asphaltic streets based on pavement condition surveys.

**Existing Condition**

The City has over 120 lane miles of concrete pavement. It is necessary to continue an annual replacement program to maintain a satisfactory condition for these pavements. The City also has approximately 28 miles of asphalt streets with varying conditions. This program will enhance the present condition and longevity of these streets.



**Goals**

- Enhance pavement condition and riding surface.
- Extend the life of asphalt streets.
- Provide a safe environment for motorists using the City's streets.
- Maintain property values.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025
\$4,800,000		\$800,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,00,000	

\* Projects will continue indefinitely at some level of funding.

**Funding Source: Available Funds**

This project will be funded with revenues from the Capital Improvement Fund.



**Existing Condition**  
 Currently there are many areas in need of additional street trees and major entryways into the City are not adequately identified.

DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS & BRIDGES**  
 PROJECT  
**PUBLIC RIGHT-OF-WAY  
 PROPERTY ENHANCEMENTS  
 (Trees, Entryway & Wayfinding  
 Signage )**

**Description**

These projects will implement improvements to the rights-of-way of public streets and public property to enhance their appearance. These projects will include planting of street trees. The City Council has adopted a goal to increase the number of trees planted each year. All residential streets being reconstructed will be enhanced by the installation of decorative crosswalks, new post-top type street lighting, and street trees. Funds are included to continue to install signs at key locations.

**Goals**

- Create a sense of community.
- Enhance existing property values.
- Identify areas where highway noise levels exceed established criteria.
- Improve property values.
- Enhance City image.

**Impact:** Slight



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025
\$250,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**ROADS & BRIDGES**  
PROJECT

**FEE FEE GREENWAY EXTENSION**  
(Existing Trail to East of I-270)

**Description**

This project would entail a preliminary engineering study to establish a location of the trail from the existing Fee Fee Greenway Trail to a new trailhead on the east side of I-270. This project will provide the residents improved pedestrian access to Aquaport and the Community Center.

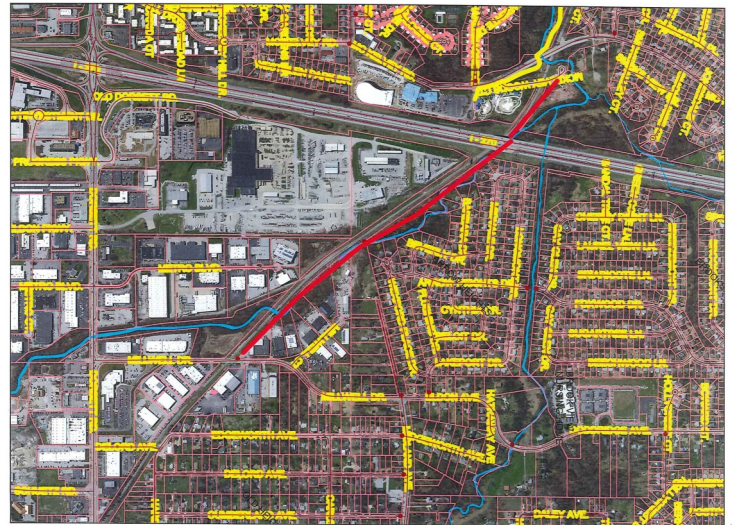
**Existing Condition**

Presently, a trail access is not available from the west side of the I-270 to the east side of I-270 for residents.

**Goals**

- Provide walking/biking access to both sides of I-270 with a trail system.
- Increase health and wellness among the residents of Maryland Heights.
- Provide a construction cost for this proposed trail.

**Impact:** Negligible



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025
\$4,200,000			\$200,000				\$4,000,000

\*Project Completed

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**WESTGLEN ESTATES TRAIL  
 CONNECTION**

**Description**

This project will continue the development of hiking/biking trails in the City. This trail will provide an additional connection point to the recently completed Fee Fee Greenway (McKelvey Woods Trail). This project will require a pedestrian bridge and includes paving of an existing gravel trail.

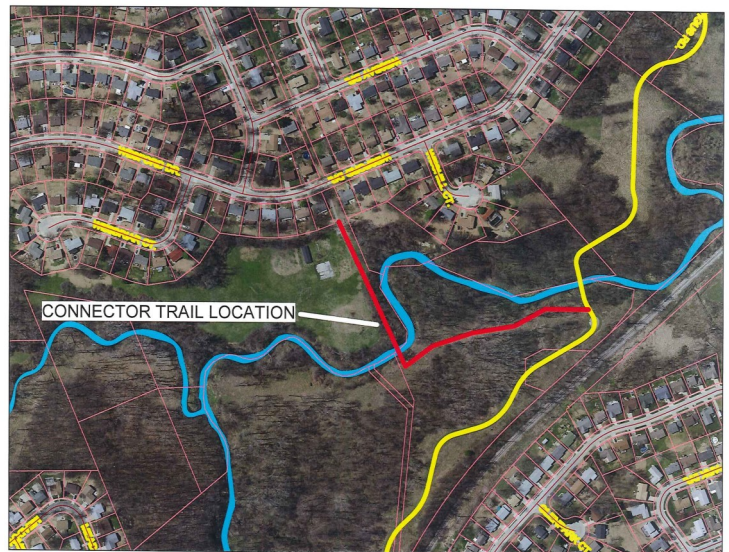
**Existing Condition**

The Westglen Estates subdivision does not have a direct access to the existing trail. The trustees of the subdivision are requesting a connection from the subdivision to the trail.

**Goals**

- Provide an additional access point to the trail.
- Increase health and wellness among the residents of Maryland Heights.

**Impact:** Negligible



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$1,506,600	\$206,000	\$1,300,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**SUSTAINABILITY CENTER**

**Description**

The project involves the construction of four green houses and a new interpretive center at 2451 Creve Coeur Mill Road.

**Existing Condition**

The existing site is a vacant parcel.

**Goals**

- Sustainability Education.
- Renewable Energy Education.
- Community Enhancement.

**Impact:** Slight



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$565,000		\$565,000					

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvements Fund.



## **FACILITIES/EQUIPMENT**



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DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS & BRIDGES**  
 PROJECT  
**EQUIPMENT REPLACEMENT**



**Description**

Funding is provided to purchase replacement of tandem and single-axle dump trucks with plows and spreaders, street sweeper and other high value equipment for the Department of Public Works. This equipment is for hauling construction material and roadway deicing operations.

**Existing Condition**

Existing tandem, single-axle dump trucks or other equipment is reaching their projected useful life and will need to be replaced.

**Goals And Impacts**

- Provide upgraded equipment to reduce maintenance costs and provide improved reliability.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025
\$700,000			\$110,000	\$180,000	\$160,000	\$250,000	

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvements Fund.





DEPARTMENT  
**FINANCE**  
PROGRAM  
**INFORMATION TECHNOLOGY**  
PROJECT  
**SOFTWARE UPGRADE**

**Description**

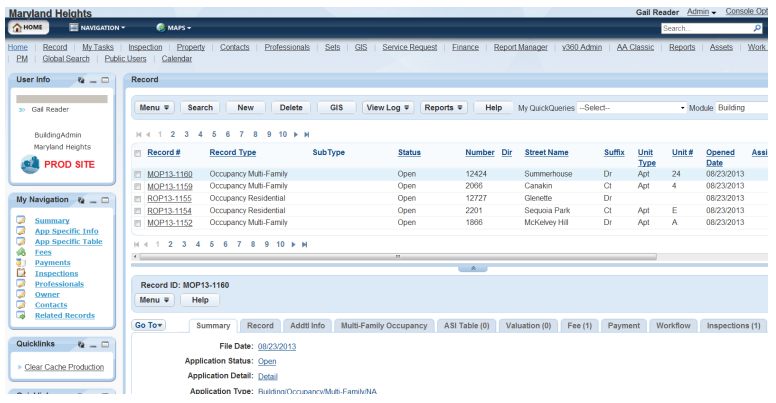
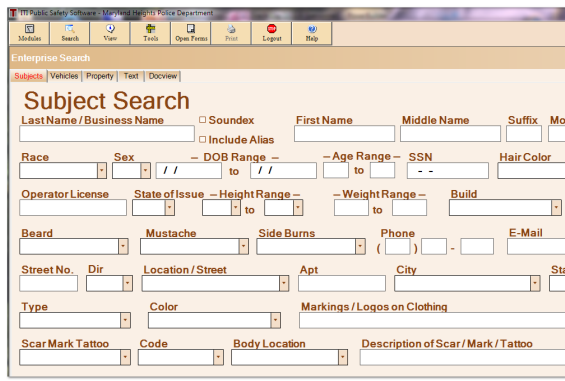
The City utilizes major computer software in all operating departments. This includes the financial accounting system, payroll system, police dispatching and records management systems, the Community Development permitting and land records system, the Public Works asset management and work management systems and the Parks and Recreation reservation system.

**Goals**

- To upgrade computer software programs when existing software becomes out of date.
- Increase efficiency and effectiveness of municipal operations.

**Existing Condition**

The City has purchased state of the art software. However, developer changes in hardware and software require that we upgrade systems to maintain their effectiveness. Staff will be evaluating each of these programs over the course of the 5-year CIP.



Integrated Internet Software

**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025
\$250,000		\$250,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvements Fund.



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**ROADS and BRIDGES**  
 PROJECT  
**GOVERNMENT CENTER  
 PARKING LOT OVERLAY**

**Description**

The project will consist milling and overlaying the asphalt of the Government Center parking lot.

**Existing Condition**

The existing asphalt pavement needs to be removed and replaced based on condition rating.

**Goals**

- Improve the ride ability.
- Extend the pavement life.
- Improve Government Center appearance..

**Impact:** Positive.



**Funding Schedule**

Total	Expended To Date	2021	2022*	2023	2024	2025	Beyond 2025
\$300,000			\$300,000				

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvements Fund.



## **STORM WATER**



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DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**STORM WATER**  
 PROJECT

**ADMINISTRATION DRIVE**  
 (east of Schuetz Road)

**Description**

This project stabilizes the channel and banks along a reach of the East Tributary of Fee Fee Creek, north of Administration Drive and east of Schuetz Road, using composite revetment and/or other bio stabilization techniques. One or more grade control structures may be required within this reach to address headcutting based on an engineering assessment. Urban forestry techniques may be used to restore and enhance the channel corridor.



**Existing Condition**

This site is located in a commercial area, across from the Humane Society of Missouri facility. Bank erosion in the East Tributary of Fee Fee Creek threatens Administration Drive, a commercial parking lot and public utilities adjacent to the corridor and could cause future instability in the upstream channel if left unaddressed. The total length of the affected channel is about 450 linear feet.

**Goals**

- Install composite revetment and/or other bio-stabilization measures to protect the channel bank(s) and prevent further erosion.
- Use urban forestry to protect and enhance existing vegetation along the stream corridor.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$387,000	\$57,000	\$330,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**12059 AUTUMN LAKES DRIVE**



**Existing Condition**

A plan for an initial phase of the Autumn Lakes housing development circa 1980 depicts drainage from the I-270 right-of-way crossing an isolated rear southeast corner of the Autumn Lakes property before entering a box culvert located near Washington Court. It appears the flow path has changed due to an overgrowth of vegetation, sediment and debris buildup along the flow path, diverting drainage to the north and close to one or more buildings within the Autumn Lakes development. Water has reportedly entered the basement(s) of one of these structures.

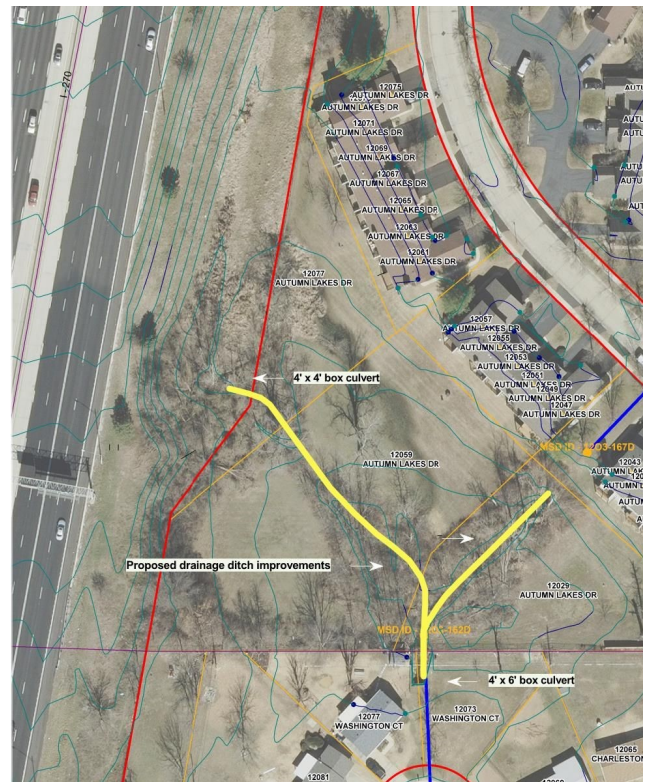
**Goals**

- Eliminate or reduce erosion and yard flooding and associated risks to yards and miscellaneous structures in the impacted areas.
- Maintain/improve property values and enhance the safety and quality of life of the neighborhood residents.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive

**Description**

This project restores and/or improves storm water flow between a 4' x 4' box culvert extending under I-270 to the west, discharge from the Autumn Lakes lower dam to the north and a 4' x 6" box culvert located at the rear of Washington Court to the south that receives the drainage. The work includes the removal of vegetation and sediment, the installation of a new culvert(s) at the access point to a rear parcel to replace a culvert that is buried, and placement of heavy stone revetment or other protection measures along the open conveyance to deter and control surface erosion. Biostabilization techniques may be used to restore and enhance the channel corridor.



**Funding Schedule**

Total	Expended To Date	2021	2022	2023*	2024	2025	Beyond 2025
\$185,000			\$70,000	\$115,000			

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**STORM WATER**  
 PROJECT  
**BREEZEMONT TRIBUTARY**

**Description**

This project stabilizes the channel and banks along the reach of Breezemont Tributary, located in Brookside Subdivision common ground between Brookmont Drive on the north and Breezemont Drive/Foxwood Drive on the south, using grade control structures and bio-stabilization techniques. Existing storm sewer infrastructure located within the tributary reach that is failed or in need of attention will be repaired or replaced. Urban forestry practices may be used to restore and enhance the riparian corridor.

**Existing Condition**

This site is located in a residential neighborhood. The lower reach of Breezemont Tributary exhibits vertical bank instability at various locations and there are signs that the channel bed is actively incising. A bridge that provides pedestrian access between the north and south sections of Brookside Subdivision is threatened and there is moderate erosion risk to some fences and retaining walls along the drainage way. The total length of the affected channel is about 2,200 linear feet.

**Goals**

- Install grade control structures to stabilize the channel and prevent further erosion.
- Use urban forestry to protect and enhance existing vegetation along the stream corridor.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.



**Impact:** Positive

**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024*	2025	Beyond 2025
\$330,000			\$80,000		\$250,000		

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**DORSETT CREEK**  
(upstream of detention pond to  
Fee Fee Creek confluence)

**Description**

This project stabilizes the channel and banks along the reach of Dorsett Creek, extending from a point upstream of a detention pond location near Cedar Lake Drive to the confluence of Fee Fee Creek, using grade control structures and bio-stabilization techniques. Approximately eight grade controls will be required within this reach. A storm sewer system may be installed at strategic points along the stream to control over-the-bank drainage. Urban forestry techniques may be used to restore and enhance the riparian corridor.

**Existing Condition**

This site is located in a residential neighborhood, north of Ameling Road and west of Bennington Place. Bank erosion and headcutting in Dorsett Creek threatens property adjacent to the corridor and could cause future instability in the upstream channel if left unaddressed. A detention pond located in common ground near Cedar Lake Drive is supported by a bank of the creek that is failing and could breach if exposed to extended or heavy precipitation. The total length of the affected channel is about 1,480 linear feet.

**Goals**

- Install grade control structures to stabilize the channel and prevent further erosion.
- Use urban forestry to protect and enhance existing vegetation along the stream corridor.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$1,060,000						\$250,000	\$810,000

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.





DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**EDGEWORTH AVENUE north terminus**

**Description**

This project provides for the construction of a regulation cul-de-sac at the end of Edgeworth Avenue, complete with curbing and a new storm sewer system, to intercept runoff from the street corridor as appropriate. A retaining wall or other suitable means may be required to stabilize the rear slope abutting the cul-de-sac due to the vertical drop in grade.



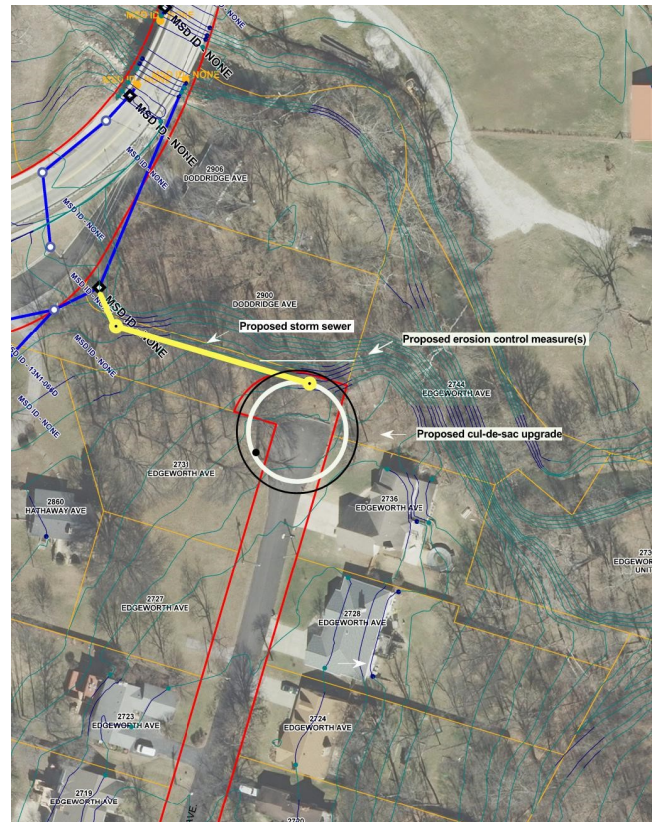
**Existing Condition**

This site is located in a residential area, north of Midland Avenue and east of Eldon Avenue. Bank erosion along the back edge of the north terminus of Edgeworth Avenue is threatening the Edgeworth Avenue turnaround that is deficient in both design and construction. There is no enclosed drainage along this stretch of roadway to intercept and control runoff.

**Goals**

- Construct cul-de-sac to intercept drainage and eliminate or reduce potential for erosion, structure and yard flooding in the impacted area(s),
- Maintain/improve property values of neighborhood residents and enhance the safety and driving experience of the motoring public.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025*	Beyond 2025
\$360,000				\$100,000	\$35,000	\$225,000	

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.

DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORMWATER**  
PROJECT

**11465 ESSEX AVENUE**  
(north of street, east of property)

**Description**

This project provides for the construction of an underground storm sewer to intercept and convey stormwater. The new system would connect to an existing area inlet located in right-of-way of Haas Avenue and adjacent to the front yard at 11465 Essex Avenue. The improvement would consist of approximately 200' of 12" reinforced concrete pipe and appurtenances.



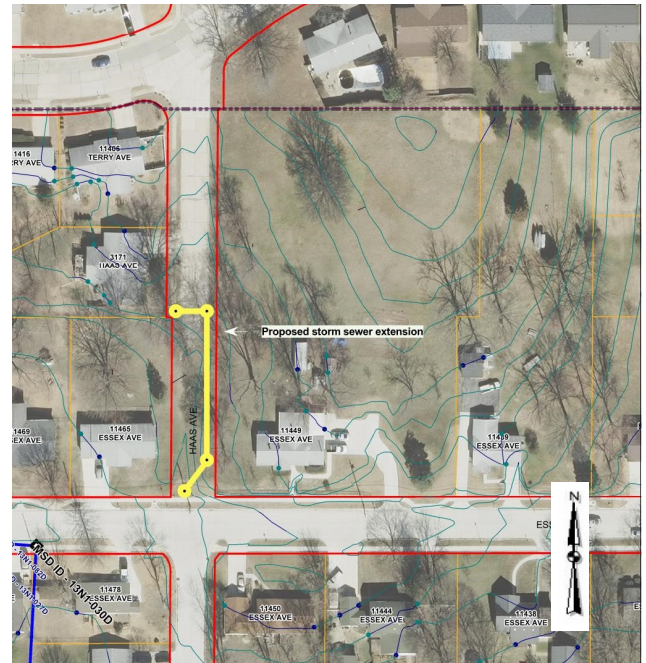
**Existing Condition**

Drainage from Haas Avenue flows along a shallow swale/ berm within an unimproved portion of the roadway to an area inlet located just north of Essex Avenue. The under-seepage has infiltrated the side slope of the berm on more than one occasion and flows to a residential structure at 11465 Essex Avenue. The owner reports that water frequently enters the basement through openings in the foundation.

**Goals**

- Eliminate or reduce erosion, structure and yard flooding and associated risks to yards and miscellaneous structures in the impacted areas.
- Maintain/improve property values and enhance the safety and quality of life of the neighborhood residents.
- Reduce annual maintenance costs associated with the investigation and repair of identified stormwater problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022*	2023	2024	2025	Beyond 2025
\$130,000			\$130,000				

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**STORM WATER**  
 PROJECT  
**FEE FEE CREEK**  
**(Dorsett Road to**  
**abandoned trolley bridge)**

**Description**

This project stabilizes the channel and banks along the reach of Fee Fee Creek, extending from Dorsett Road north to the abandoned trolley bridge, using grade control structures and bio-stabilization techniques. Approximately thirteen (13) grade controls will be required within the reach. A storm sewer system may be installed at strategic points along the stream to control over-the-bank drainage. Urban forestry techniques may be used to restore and enhance the riparian corridor.

**Existing Condition**

This site extends through several tracts of land in a commercial subdivision, located north of Dorsett Road and east of Metro Boulevard. The abandoned trolley bridge at the extreme lower end of the project is situated near Midland Avenue. Bank erosion and headcutting in Fee Fee Creek threatens property adjacent to the corridor and could cause future instability of the upstream channel if left unaddressed. The total length of the affected channel is about 3,275 linear feet.

**Goals**

- Install grade control structures to stabilize the channel and prevent further erosion.
- Use urban forestry to protect and enhance existing vegetation along the stream corridor.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025*
\$2,190,000					\$315,000		\$1,875,000

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund



DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**12102 GLENPARK DRIVE**  
(west of street, rear of property)

**Description**

This project provides for the construction of an underground storm sewer within residential property to intercept and convey storm water. The system would consist of approximately 200' of 12" reinforced concrete pipe and appurtenances. The new system would connect to an existing curb inlet located in front of 12068 Glenpark Drive and extend west and thence north across residential property to a wetland area located along the north edge of 12102 Glenpark Drive.

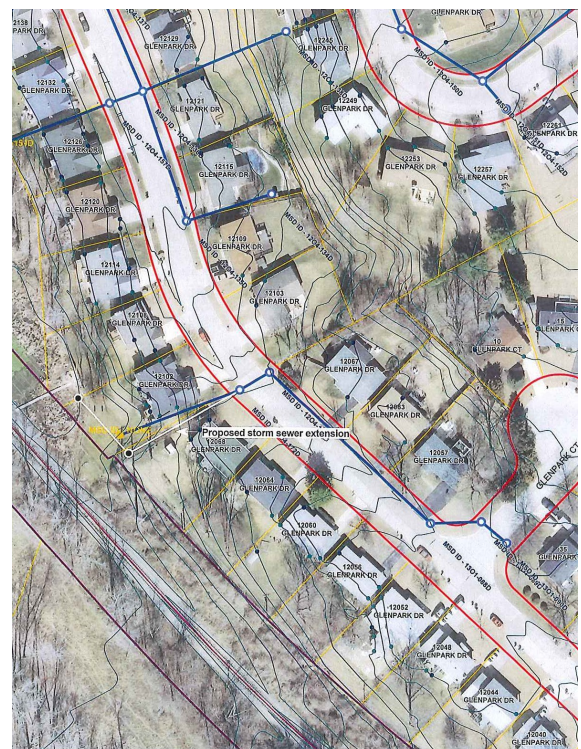
**Existing Condition**

A 12" storm sewer conveys drainage from Glenpark Drive to a discharge point at the top edge of a terrace located in the rear yard at 12068 Glenpark Drive. It appears the yard was filled at some point in the past and the pipe and perhaps a natural discharge point for the outfall were covered over and altered in the process. The sewer outlet has been located and extended to daylight to restore operation. Sediment and debris from the pipe outflow frequently collect in the yard and the property owner(s) must deal with an ongoing maintenance and health/safety concern.

**Goals**

- Eliminate or reduce erosion, structure and yard flooding and associated health risks resulting from location of pipe discharge and effluent in the rear yard.
- Maintain/improve property values and enhance the safety and quality of life of the neighborhood residents.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problem.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$112,000	\$42,000	\$70,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**11814 JONESDALE COURT**  
**(east of street, rear of property)**

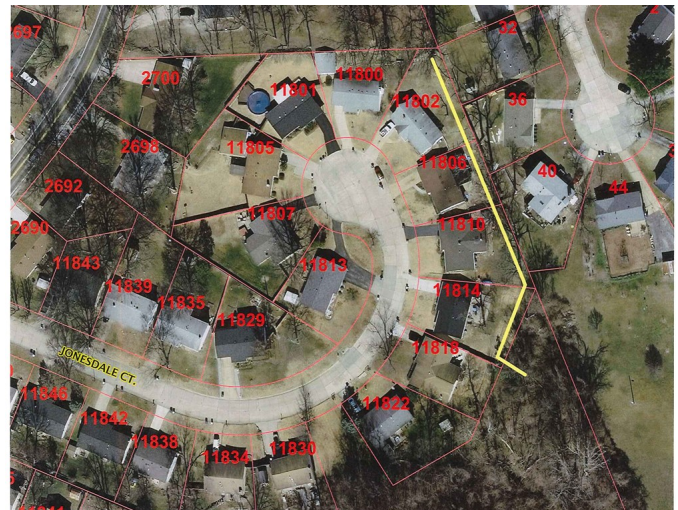
**Description**

This project provides for the construction of an underground storm sewer along the rear of the residential property in the vicinity of 11814 Jonesdale Court to intercept and convey storm water. The new system shall connect to an existing storm sewer extending through the McKelvey Park Subdivision. The improvement consists of approximately 280' of 12" reinforced concrete pipe and 150' of 15" reinforced concrete pipe along with associated appurtenances.



**Existing Condition**

Runoff from a drainage area that extends north to McKelvey Road is conveyed across the rear of lots located at 11802 through 11818 Jonesdale Court. This runoff is frequently excessive and has resulted in flooding of a basement at 11802 Jonesdale Court, an attached garage at 11806 Jonesdale Court, a gazebo and other lawn amenities at 11810 Jonesdale Court and the rear yard adjacent to the home structure at 11814 Jonesdale Court. Ruts have formed in the yard at 11806 Jonesdale Court and sediment has been deposited in the yard at 11810 Jonesdale Court where a chain link fence is partially covered.



**Goals**

- Eliminate or reduce erosion, structure and yard flooding and associated risks to yards and miscellaneous structures in the impacted areas.
- Maintain/improve property values and enhance the safety and quality of life of the neighborhood residents.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problem.

**Impact:** Positive

**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$255,000	\$65,000	\$190,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.

DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**STORM WATER**  
 PROJECT

**11968 MEADOW RUN COURT**  
 (south of street, rear of property)

**Description**

This project provides for the construction of an underground storm sewer along the rear of residential property in the vicinity of 11968 Meadow Run Court to intercept and convey storm water. The new system shall connect to an existing storm sewer located in the Meadowpark Subdivision. The improvement consists of approximately 275' of 12" reinforced concrete pipe or approved alternative and appurtenances.



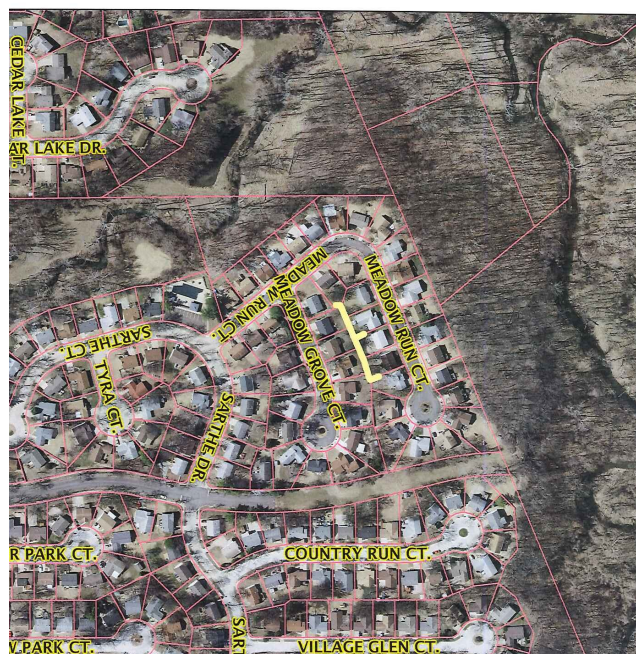
**Existing Condition**

Storm water runoff emanating from thirteen (13) parcels is conveyed along the rear of the properties to a single area inlet located at the rear of 2480 Meadow Run Court. This runoff is frequently excessive and has resulted in the flooding of an attached garage at 11968 Meadow Run Court. Grading modifications made by some property owners have disrupted the flow of drainage and exasperated the situation, causing water to pond or back up at some locations. There is minor yard

**Goals**

- Eliminate or reduce erosion, structure and yard flooding and associated risks to yards and miscellaneous structures in the impacted areas.
- Maintain/improve property values and enhance the safety and quality of life of the neighborhood residents.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$126,000	\$51,000	\$75,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



**Existing Condition**

This site is located within a commercial/industrial district north of Dorsett Road and east of Weldon Parkway. Bank erosion and headcutting in the tributary threatens property adjacent to the corridor and could cause future instability of the upstream channel if left unaddressed. Two sanitary sewer lines located downstream of Metro Blvd. are exposed and warrant protection. The total length of the affected channel is about 1,428 linear feet.

**Goals**

- Install grade control structures to stabilize the channel and prevent further erosion.
- Use urban forestry to protect and enhance existing vegetation along the stream corridor and improve water quality.
- Reduce annual maintenance costs associated with the investigation and repair of identified storm water problems.

**Impact:** Positive

**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025*	Beyond 2025
\$595,000				\$160,000		\$435,000	

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.

DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**METRO TRIBUTARY**  
**(west of Metro Blvd. to west of Millwell Dr.)**

**Description**

This project stabilizes the channel and banks along the reach of Metro Tributary extending east from the point of origin to the confluence with Fee Fee Creek using grade control structures and bio-stabilization techniques. A storm sewer system may be installed at strategic points along the stream to control over-the-bank drainage. Measures will also be considered to improve water quality, such as the establishment of a mesic prairie where appropriate.





DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**STORM WATER**  
 PROJECT  
**1703 WAGNER PLACE**



**Description**

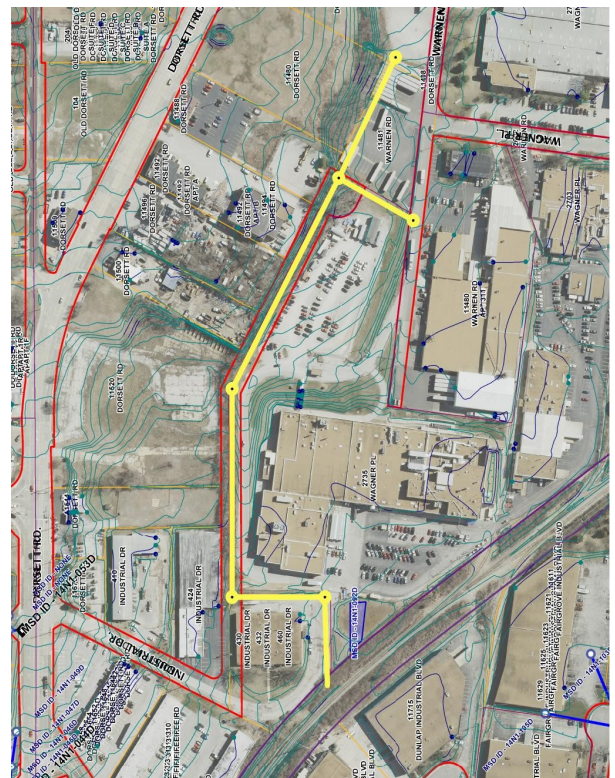
This project provides for the construction of an underground storm sewer system to intercept and convey stormwater. The system would extend along an established street/alley right-of-way that is unimproved and convey drainage to an adequate discharge point. The system would consist of approximately 2,000 linear feet of reinforced concrete pipe or approved alternative and appurtenances.

**Existing Condition**

Stormwater runoff conveyed by a concrete swale located along the west side of Warnen Drive enters the Curium Pharmaceutical property at 2703 Wagner Place and frequently overwhelms the internal storm sewer system, allowing water to enter and flood portions of the facility. This location is part of a commercial/ industrial park in the High Ridge Heights Subdivision that has many large buildings and sites that are mostly impervious. The drainage area that contributes water flow to the Curium Pharmaceutical property extends north and east to Dorsett Road and perhaps some points beyond.

**Goals**

- Eliminate or reduce erosion, structure and yard flooding and associated risks in the impacted areas.
- Maintain/improve property values and enhance safety, operations and overall productivity of the commercial/ industrial users.
- Reduce annual maintenance costs associated with the investigation and repair or identified storm water problems.



**Impact:** Positive

**Funding Schedule**

Total	Expended To Date	2021	2022*	2023	2024	2025	Beyond 2025
\$885,000	\$150,000		\$735,000				

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.





DEPARTMENT  
**PUBLIC WORKS**  
PROGRAM  
**STORM WATER**  
PROJECT

**2515 WESGLEN ESTATES VENUE  
(WEST OF STREET, REAR OF  
PROPERTY)**

**Description**

This project provides for the construction of an underground storm sewer to intercept and convey stormwater. The new system would connect to an existing area inlet location in the rear of 12111 Westrick Drive. The improvement would consist of approximately 90' of 12" reinforced concrete pipe and appurtenances.



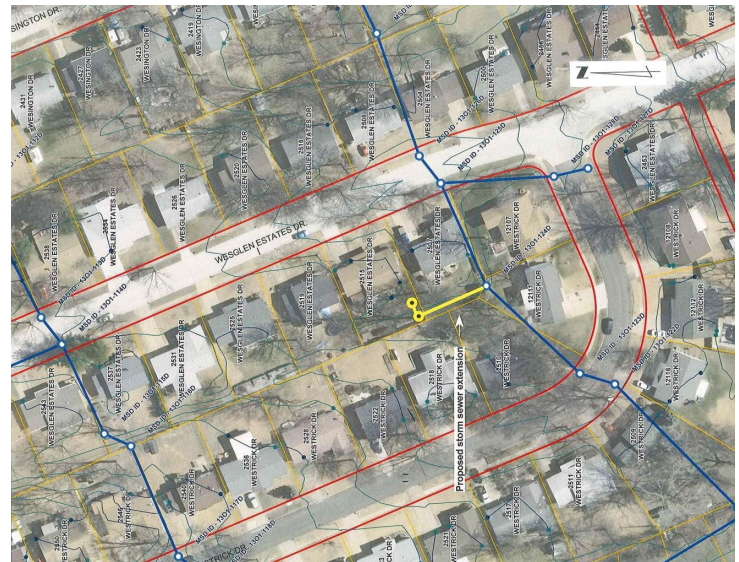
**Existing Condition**

Stormwater runoff emanating from either (8) residential lots located north and east of this location flows to the rear of the property where it is impeded by physical barriers and the yard grade. The runoff is frequently excessive and has entered a rear basement window of the home on several occasions. There is minor yard erosion evident in some areas of the rear and side yard.

**Goals**

- Eliminate or reduce erosion, structure and yard flooding and associated risks to yards and miscellaneous structures in the impacted areas.
- Maintain/improve property values and enhance safety and quality of life of the neighborhood residents.
- Reduce annual maintenance costs associated with the investigation and repair or identified storm water problems.

**Impact:** Positive



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$105,000		\$105,000					

\* Project Complete

**Funding Source: Available Funds**

This project would be funded from the Capital Improvement Fund.



## **STREET LIGHTING**



CAPITAL IMPROVEMENT PROGRAM						
STREETLIGHTING FUND						
Estimated Expenditures (000s)						
	2021	2022	2023	2024	2025	Total 2020-2025
<b>PROJECTS</b>						
Autumn Lake Drive, 12140					7	7
De Runtz Avenue Road Improvements Project					13	13
Gill/Hedda/Broadview/Daley Road Improvement Project					19	19
Local Streets	1	1	1	1	1	5
Sidewalk Projects - Relocate Street Lights (Glengrove-Glenridge)	11	0	0	0	0	11
Sidewalk Projects - Future Locations TBD	0	3	3	3	3	12
<b>TOTAL STREETLIGHTING EXPENDITURES</b>	<b>12</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>43</b>	<b>67</b>

SOURCES OF FUNDING					
Allocation from 1/2 percent Utility Tax	0	0	0	0	0
Balance in fund at beginning of year	2,015	1,003	999	995	991
Transfer to Capital Improvement Fund	1,000				
<b>TOTAL STREETLIGHTING FUNDING SOURCES</b>	<b>1,015</b>	<b>1,003</b>	<b>999</b>	<b>995</b>	<b>991</b>
<b>Balance End of Year</b>	<b>1,003</b>	<b>999</b>	<b>995</b>	<b>991</b>	<b>948</b>

DEPARTMENT  
**PUBLIC WORKS**  
 PROGRAM  
**STREETLIGHTING**  
 PROJECT  
**STREET LIGHTING PROJECTS**



**Description**

Funds from the Street Lighting Fund will be used to install new street lighting or upgrade existing lighting on City, County or State roadway facilities that are reconstructed. Projects will be selected annually by the Council.

**Existing Condition**

Street lighting along these roadways does not exist or needs to be upgraded to be in conformity with new roadway construction projects.

**Goals**

- Improve nighttime visibility.
- Provide a safe environment for motorists and pedestrians.
- Improve image of City.

**Impact:** Negligible



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025	Beyond 2025
\$67,000			\$12,000	\$4,000	\$4,000	\$4,000	\$43,000

See prior page for five year expenditures.

**Funding Source: Available Funds**

These projects would be funded from the Street Lighting Fund.



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## **PARKS FUND**

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**CAPITAL IMPROVEMENT PROGRAM  
PARKS**

Estimated Expenditures (000s)

PROJ. #	PROJECT	2021	2022	2023	2024	2025	Total 2020-2025	Prior to 2021	Beyond 2025	Total Cost
	Fee Fee Road Baseball Fields	500					500	43	0	543
	Vago Park Small Playground and Surface		450				450	0	0	450
	Parkwood Park Fitness Equipment			250			250	0	0	250
	Pavillion at McKelvey Trail Entrance			250			250	0	0	250
	Eise Park Playground and Surface				450		450	0	0	450
	Vago Park Large Playground					500	500	0	0	500
	<b>TOTAL PARKS EXPENDITURES</b>	<b>500</b>	<b>450</b>	<b>500</b>	<b>450</b>	<b>500</b>	<b>2,400</b>	<b>43</b>	<b>0</b>	<b>2,443</b>

SOURCES OF FUNDING							
	Transfer from Capital Improvement Fund						
	Transfers from Reserve Fund						
	Municipal Parks Grant	0	450	500	450	500	1,900
	Park Fund Balance for Capital	500	0	0	0	0	0
	<b>TOTAL PARKS FUND SOURCES</b>	<b>500</b>	<b>450</b>	<b>500</b>	<b>450</b>	<b>500</b>	<b>1,900</b>

<b>Balance End of Year</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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**Existing Condition**

The current baseball fields and support structures have not been properly maintained, are in poor shape and have not been updated.

**Goals**

- Increase the park amenities available in the City.
- Provide a facility for youth baseball and other outdoor activities.

**Impact:** Slight

*DEPARTMENT*  
**PARKS AND RECREATION**  
*PROGRAM*  
**FACILITIES DEVELOPMENT**  
*PROJECT*  
**FEE FEE ROAD**  
**BASEBALL FIELDS**

**Description**

The roughly 10-acre site will be redesigned to include new updated baseball fields and restroom facilities. The new baseball fields will allow for youth baseball and adult softball.



**Funding Schedule**

Total	Expended To Date	2021*	2022	2023	2024	2025	Beyond 2025
\$543,000	\$43,000	\$500,000					

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Parks and Recreation Fund.



**Existing Condition**

The playground equipment at Vago Park is dated and has safety issues. Parts are difficult to find due to it's age. This was identified in the 2019 Master Plan as needing replacement.

**Goals**

- Increase safety for children using the playground equipment.

**Impact:** Positive

*DEPARTMENT*  
**PARKS AND RECREATION**  
*PROGRAM*  
**FACILITIES DEVELOPMENT**  
*PROJECT*  
**VAGO PARK SMALL  
 PLAYGROUND AND SURFACE**

**Description**

Replace the dated and worn playground equipment at Vago Park near the splash pad.



**Funding Schedule**

Total	Expended To Date	2021	2022*	2023	2024	2025	Beyond 2025
\$450,000			\$450,000				

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Parks and Recreation Fund. A municipal parks grant will be submitted.



**Existing Condition**

The fitness equipment in Parkwood Park is 17 years old and wearing out. This was identified in the 2019 Master Plan as needing replacement.

**Goals**

- Provide modern/updated fitness station in Parkwood Park.

**Impact:** Positive

*DEPARTMENT*  
**PARKS AND RECREATION**  
*PROGRAM*  
**FACILITIES DEVELOPMENT**  
*PROJECT*  
**PARKWOOD PARK**  
**FITNESS EQUIPMENT**

**Description**

Replace the dated fitness equipment in Parkwood Park.



**Funding Schedule**

Total	Expended To Date	2021	2022	2023*	2024	2025	Beyond 2025
\$250,000				\$250,000			

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Parks and Recreation Fund. A municipal parks grant will be submitted.



**Existing Condition**

McKelvey Trail phase one was completed in 2017 and does not have a covered pavilion for residents to rent or use.

**Goals**

- Add amenity to the west side of 270 increasing outdoor recreation.
- Increase open space park usage.
- Provide trail users the opportunity to remain in the area longer by creating outdoor space that is covered.

**Impact:** Positive

DEPARTMENT  
**PARKS AND RECREATION**  
 PROGRAM  
**FACILITIES DEVELOPMENT**  
 PROJECT  
**PAVILION AT  
 MCKELVEY TRAIL ENTRANCE**

**Description**

Utilize the property (near the McKelvey Trail entrance off of McKelvey Road) to create an opportunity for trail users, neighborhood residents and possible rentals on the northwest side of the City. The addition of a pavilion will allow the Parks and Recreation Department to provide additional outdoor recreational experiences for all ages.



**Funding Schedule**

Total	Expended To Date	2021	2022	2023*	2024	2025	Beyond 2025
\$250,000				\$250,000			

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Parks and Recreation Fund. A municipal parks grant will be submitted.

**Existing Condition**

The playground equipment at Eise Park is dated and has safety issues. Parts are difficult to find due to its age. This was identified in the 2019 Master plan as needing replacement.

**Goals**

- Increase safety for children using the playground equipment.

**Impact:** Positive

*DEPARTMENT*  
**PARKS AND RECREATION**  
*PROGRAM*  
**FACILITIES DEVELOPMENT**  
*PROJECT*  
**EISE PARK PLAYGROUND  
AND SURFACE**

**Description**

Replace the dated and worn playground equipment at Eise Park and install a new play surface.



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024*	2025	Beyond 2025
\$450,000					\$450,000		

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Parks and Recreation Fund. A municipal parks grant will be submitted.

**Existing Condition**

The large playground equipment at Vago Park is dated and has safety issues. Parts are difficult to find due to its age. The fitness equipment in Parkwood Park is 17 years old and wearing out. Both items were identified in the 2019 Master Plan as needing replacement.

**Goals**

- Increase safety for children using the playground equipment.

**Impact:** Positive

*DEPARTMENT*  
**PARKS AND RECREATION**  
*PROGRAM*  
**FACILITIES DEVELOPMENT**  
*PROJECT*  
**VAGO PARK LARGE PLAYGROUND**

**Description**

Replace the dated fitness equipment in Parkwood Park.



**Funding Schedule**

Total	Expended To Date	2021	2022	2023	2024	2025*	Beyond 2025
\$500,000						\$500,000	

\*Project Complete

**Funding Source: Available Funds**

This project would be funded from the Parks and Recreation Fund. A municipal parks grant will be submitted.