

## City Council Budget Workshop

Monday, May 08, 2023 - 6:30 PM

27400 Southfield Road, Lathrup Village, Michigan 48076

The Meeting Place

#### ADDRESSING THE CITY COUNCIL

- Your comments shall be made during times set aside for that purpose.
- Stand or raise a hand to indicate that you wish to speak.
- When recognized, state your name and direct your comments and/or questions to any City official in attendance.
- Each person wishing to address the City Council and/or attending officials shall be afforded one opportunity of up to three (3) minutes duration during the first and last occasion for citizen comments and questions and one opportunity of up to three (3) minutes duration during each public hearing. Comments made during public hearings shall be relevant to the subject for which the public hearings are held.
- In addition to the opportunities described above, a citizen may respond to questions posed to him or her by the Mayor or members of the Council, provided members have been granted the floor to pose such questions.
- No speaker may make personal or impertinent attacks upon any officer, employee, or City Council member or other Elected
  Official, that is unrelated to the manner in which the officer, employee, or City Council member or other Elected Official,
  performs his or her duties.
- No person shall use abusive or threatening language toward any individual when addressing the City Council.
- Any person who violates this section shall be directed by the Mayor to be orderly and silent. If a person addressing the Council refuses to become silent when so directed, such person may be deemed by the Mayor to have committed a "breach of the peace" by disrupting and impeding the orderly conduct of the public meeting of the City Council and may be ordered by the Mayor to leave the meeting. If the person refuses to leave as directed, the Mayor may direct any law enforcement officer who is present to escort the violator from the meeting.
  - 1. Call to Order by Mayor Garrett
  - 2. Discussion Items
    - A. FY 2023 2024 Draft Budget & CIP
  - 3. Public Comments
  - 4. Mayor and Council Comments
  - 5. Adjourn

#### COUNCIL COMMUNICATION:

TO: Mayor Garrett and City Council Members

FROM: Susan Montenegro, City Administrator

DATE: May 8, 2023

RE: Fiscal Year 2023/2024 Budget – Draft Version

A draft copy of the budget for the 2023-2024 Fiscal Year is presented to Council. Even though several items have been cut, the budget still remains in the red. Several fund balances are being drawn down.

Summary of Revenues vs. Expenditures are summarized as follows:

FUND		FY 2023-2024	FY 2023-2024		FUND BALANCE		ENDING FUND
FOND	REVENUES		EXPENDITURES		IMPACT		BALANCE
General Operating Fund	\$	5,028,719	\$ 5,136,999	\$	(108,280)	\$	2,016,865
Major Streets	\$	844,928	\$ 1,328,879	\$	(483,951)	\$	468,275
Local Streets	\$	650,046	\$ 1,579,416	\$	(929,370)	\$	162,730
Water	\$	2,928,552	\$ 2,841,754	\$	86,799	\$	4,719,598
Sewer	\$	2,784,001	\$ 3,070,295	\$	(286,294)	Ą	4,719,590
Debt Service			\$ 703,917				
Capital Acquisitions	\$	-	\$ 41,300	\$	(41,300)	\$	112,552
TOTAL ALL OPERATING							
FUNDS	\$	12,277,946	\$ 14,702,559				
DDA	\$	431,509	\$ 909,256	\$	(477,747)	\$	932,776
TOTAL ALL FUNDS	\$	12,709,455	\$ 15,611,815	\$	(2,902,360)		

#### **MILLAGE RATE**

- The FY 23/24 millage rate is proposed at **24.126**.
  - o This generates \$2.85 million in general operating revenues.
- General Operating Millage will stay the same at 17.5618.
- Rate includes the citizen authorized Street Bond Millage of 3.9307.
- The taxable value is based on \$172,000,000.

#### MILLAGE RATE BREAKDOWN AND RESULTING REVENUES 23-24

		22-23	23-24					
MILLAGE	AUTHORIZED	HEADLEE	HEADLEE	F.Y.	F.Y.	REVENUE	REVENUE	
TYPE	MAXIMUM	MAXIMUM	MAXIMUM	22-23	23-24	PRODUCED	NEEDED	DIFFERENCE
General Operating	19.0000	17.8783	16.5618	16.5618	16.5618	2,848,630	2,960,795	(112,166)
General Op Sewer		0.0000	0.0000	0.0000	0.0000	0	0	0
General Surplus		0.0000	0.0000	0.0000	0.0000	0	0	0
Streets		0.0000	0.0000	0.0000	0.0000	0	0	0
Total	19.0000	17.8783	16.5618	16.5618	16.5618	2,848,630	2,960,796	(112,167)
Refuse	3.0000	2.6816	2.6341	2.6341	2.6341	453,065	503,273	(50,208)
Library	1.0000	1.0000	1.0000	1.0000	1.0000	172,000	172,000	0
Debt Streets	3.9307	3.9307	3.9307	3.9307	3.9307	676,080	375,000	301,080
TOTALS	26.9307	25.4906	24.1266	24.1266	24.1266	4,149,775	4,011,067	138,708

	Maximum Millage Rate							
FY	General Operating	Refuse	MRF	Taxable Value	Cost to City			
2015	20.0000	3.0000	1.0000	\$ 120,560.08	N/A			
2016	19.8320	2.9748	1.0000	\$ 122,069.08	N/A			
2017	19.7269	2.9590	0.9916	\$ 125,854.28	\$ 23,583.75			
2018	18.5172	2.7775	0.9947	\$ 133,716.30	\$ 39,527.81			
2019	18.5172	2.7132	0.9801	\$ 145,439.54	\$ 228,026.41			
2020	18.5172	2.6501	0.9768	\$ 149,200.00	\$ 257,389.88			
2021	18.8783	2.6816	0.9768	\$ 152,930.00	\$ 220,234.49			
2022	17.5618	2.6341	0.9333	\$ 162,000.00	\$ 454,264.20			
2023	17.5618	2.6341	1.0000	\$ 172,000.00	\$ 436,752.43			

Fiscal Year	General Op Millage Rate	Debt Service	Refuse	Total
2011-12	18.0000	0	2.3185	20.3185
2012-13	18.0000	0	2.4731	20.4731
2013-14	20.0000	0	2.5644	22.5644
2014-15	20.0000	0	2.56	22.5600
2015-16	19.8316	0	3.0000	22.3960
2016-17	19.7269	0	2.9748	22.7046
2017-18	19.3342	0	2.9590	22.2343
2018-19	19.3342	0	2.7775	22.2343
2019-20	18.5172	0	2.7132	21.2304
2020-21	18.1912	0.0000	2.6501	20.8413
2021-22	17.8783	3.9307	2.6816	24.4906
2022-23	17.5618	3.9307	2.6341	24.1266
2023-24	17.5618	3.9307	2.6341	24.1266

#### **GENERAL FUND REVENUES**

- Constitutional Revenue Sharing payments reflect an increase of approximately 1.05%
- The FY 23-24 general fund budget reflects an overall decrease in revenue of \$91,740.
- FY23-24 general fund expenditures are \$5,138,885.
- This still reflects a general fund shortfall of \$108,280 that will need to come from other sources or fund balance.

#### CITY OF LATHRUP VILLAGE SUMMARY OF REVENUES BY FUND AND SOURCE FY 2023-24

	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
FUND/ACTIVITY	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
GENERAL FUND						
BEGINNING FUND BALANCE	1,590,968	1,242,202	1,059,712	1,005,238	2,125,145	882,943
TAXES:						
General Operating	2,563,680	2,845,012	2,845,012	2,772,668	3,020,630	175,618
Public Safety	-			-		-
Refuse Collection	384,523	426,724	419,250	415,008	453,065	26,341
Library	=	-	=	-	-	-
Streets	-	-	-	=	-	-
Administrative Fee	89,107	88,000	89,231	89,231	90,000	2,000
Tax Penalties	29,231	35,000	12,000	10,059	35,000	-
Total - Taxes	3,066,541	3,394,736	3,365,493	3,286,966	3,598,695	203,959
STATE SHARED REVENUE	496,982	477,151	516,687	263,687	499,818	22,667
FEDERAL AND STATE GRANT:	7,245	-	-	=	2,000	2,000
OTHER REVENUE	1,246,190	1,248,572	1,205,669	1,057,248	928,206	(320,366)
TRANSFER - OTHER FUNDS	-					-
Total Resources Available	6,407,927	6,362,661	6,147,561	5,613,139	7,153,864	791,203
REVENUES NEEDED	4,816,959	5,120,459	5,087,849	4,607,901	5,028,719	(91,740)
EXPENDITURES	4,786,200	5,302,949	4,670,530	3,487,994	5,136,999	(165,950)
OPERATING TRANSFERS OUT						-
FUND BALANCE NEEDED	30,759	(182,490)	417,319	1,119,907	(108,280)	74,210
ENDING FUND BALANCE	1,242,202	1,059,712	1,477,031	2,125,145	2,016,865	
MAJOR STREETS	761,102	1,326,478	1,325,878	1,184,709	844,928	(481,550)
LOCAL STREETS	578,307	1,566,753	1,558,150	1,488,918	650,046	(916,707)
WATER	1,100,638	2,951,861	3,003,295	2,557,957	2,928,552	(23,309)
SEWER	1,690,064	2,459,423	2,501,567	1,852,520	2,784,001	324,578
CAPITAL ACQUISITIONS	110,667	158,324	-	-	41,700	(116,624)
Total - All Operating Funds	9,057,737	13,583,298	13,476,739	11,692,005	12,277,946	(1,305,352)

## All Revenues By Fund Type- FY 2022-23

Туре	Revenue	Percentage
General Fund	\$ 5,028,719	40.96%
Major Road Fund	\$ 844,928	6.88%
Local Road Fund	\$ 650,046	5.29%
Water Fund	\$ 2,928,552	23.85%
Sewer Fund	\$ 2,784,001	22.67%
Capital Acquisitions	\$ 41,700	0.34%
Total	12,277,946	100.00%

#### **GENERAL FUND – OTHER REVENUES**

• Other Revenues decreased by \$320,366.

GENERAL FUND OTHER REVENUES	ACTUAL FY21-22	BUDGETED FY22-23	ESTIMATED FY 22-23	ACTUAL	PROJECTED FY 23-24	INCREASE (DECREASE)
				3/31/2023		(DECREASE)
Miscellaneous	21,893	15,000	10,000	8,217	15,000	0
Delq Personal Property Revenue	2,782	3,000	3,000	357	3,000	0
Investment Interest	6,133	15,000	35,852	35,852	30,000	15,000
Tax Appeals	-	-	-	-	-	0
Workers Compensation Dividend	-	-	7,614	7,614	-	0
Property & Liablity Dividend Rev	10,010	6,500	8,845	8,845	6,500	0
Building Permits	172,102	95,000	55,000	48,358	95,000	0
Employee Benefit Contributions	15,825	22,000	22,000	22,000	22,000	0
Zoning, Site Plan, Special Use Pern	7,401	8,500	8,500	6,197	8,500	0
Plumbing and/or Heating Permits	14,577	10,000	10,000	9,540	10,000	0
Electrical Permits	12,128	10,000	10,000	8,115	10,000	0
Licenses & Registrations	17,000	14,000	14,000	4,655	14,000	0
Dog & Cat Licenses	1,175	1,100	1,368	1,368	1,100	0
Cable TV Franchise Fees	111,105	120,000	120,000	80,442	120,000	0
Michigan Job Training Council Fund	1,512	1,000	-	-	1,000	0
SMART Municipal Credits	-	9,685	-	-	-	(9,685)
District Court Fines	71,992	70,000	70,000	47,472	70,000	0
Community Development Block Gra	-	8,000	-	-	8,000	0
Sidewalk Permits & Repairs	27,175	200,000	349,659	349,659	200,000	0
Federal Grant Revenue ARPA	50,392	-	-	-	-	0
American Tower-Metro-PCS Lease	46,027	48,000	48,000	40,498	48,000	0
Water Fund Lease of DPS Building	4,917	4,917	4,917	4,917	4,917	0
Equipment Rentals - Brush Chippin	-	-	-	-	-	0
Road Funds Lease of DPS Building	4,000	4,000	4,000	4,000	4,000	0
Retirees Spouse Medical Coverage	-	-	-	-	-	0
Recreation Fees	2,297	15,000	2,000	450	2,500	(12,500)
Dog Park Revenue	1,556	1,600	165	165	-	(1,600)
Community Garden Revenue	1,815	1,800	-	-	1,800	0
Tree Sales, Woods Chips Sales	-	-	-	-	-	0
Community Center Rental	72,112	65,000	65,000	52,528	65,000	0
Police Forfeitures Rev - State	-	-	-	-	-	0
Police Forfeitures Rev - Federal	-	-	-	-	-	0
Police Charges for Services	12,663	15,000	15,000	10,131	15,000	0
AT & T Lease	43,405	60,889	60,889	44,008	60,889	0
Donations	-	1,400	-	-	-	(1,400)
Election Reimbursements	-	-	-	-	-	0
Public Service Reimbursement	25,887	20,000	24,433	24,433	25,000	5,000
Metro Authority Act Payment	18,319	18,000	18,000	-	18,000	0
Sale of Fixed Assets	2,650	-	-	-	-	0
Workers Comp Reimbursement	-	19,393	20,277	20,277	19,000	(393)
Insurance Reimbursement	101	-	-	-	-	0
Insurance Recoveries	-	-	-	-	-	0
Sale of Property	-	150,000	142,700	142,700	-	(150,000)
Unearned Revenue	379,526	200,000	-	-	-	(200,000)
Weed/Code Enforcement Revenue	6,110	14,788	74,450	74,450	50,000	35,212
Interest Income - Leases	81,604	-	-	-	-	0
Total - Other Revenue	1,246,190	1,248,572	1,205,669	1,057,248	928,206	(320,366)

#### **SUMMARY OF EXPENDITURES**

- The Capital Improvement Plan has been reduced to \$41,300 to bring expenses down.
- Increases in Major/Local Streets, Water/Sewer Fund, and the Debt Service Fund are all related to the Street and CIP Bond Projects that were authorized.

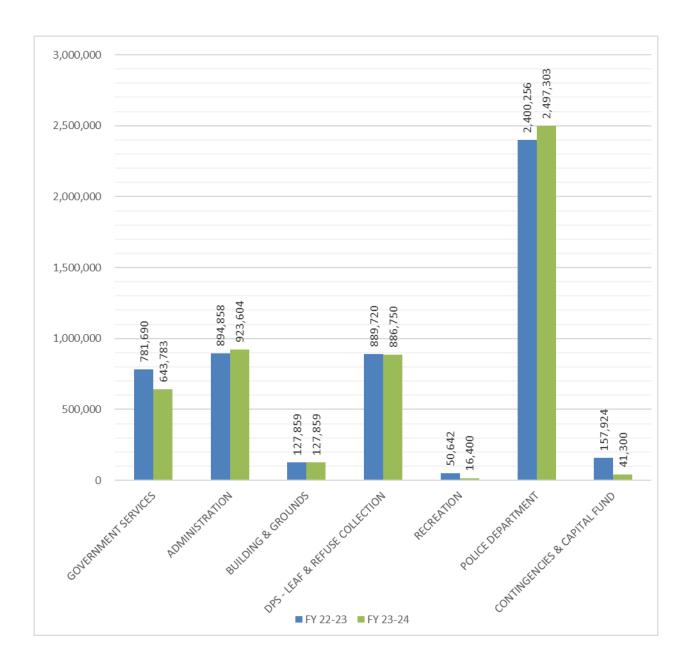
# CITY OF LATHRUP VILLAGE SUMMARY OF EXPENDITURES BY FUND AND SOURCE FY 2023-24

	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
DEPARTMENT	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
GOVERNMENT SERVICES	735,829	781,690	460,530	337,832	643,783	(137,907)
ADMINISTRATION	779,101	894,858	752,614	552,458	923,604	28,746
BUILDING AND GROUNDS	137,801	127,859	129,359	109,784	127,859	(0)
POLICE DEPARTMENT	2,182,161	2,400,256	2,212,041	1,672,287	2,497,303	97,047
DPS- LEAF & REFUSE COLLECT	812,416	889,720	1,104,990	806,131	886,750	(2,970)
RECREATION	28,441	50,642	10,996	9,502	16,400	(34,242)
CONTINGENCIES & CAPITAL FUI	110,450	157,924	-	-	41,300	(116,624)
Total - General Fund	4,786,200	5,302,949	4,670,530	3,487,994	5,136,999	(165,950)
MAJOR STREETS FUND	746,983	1,327,050	1,308,850	1,170,465	1,328,879	1,828
LOCAL STREETS FUND	745,222	1,605,550	1,533,015	1,101,758	1,579,416	(26,134)
WATER FUND	57,888	2,970,562	1,675,810	1,187,662	2,841,754	(128,809)
SEWER FUND	1,511,002	2,460,483	2,461,944	1,095,980	3,070,295	609,812
DEBT SERVICE FUND	471,847	662,966	662,966	662,966	703,917	(875)
CAPITAL ACQUISITIONS	62,520	157,924	-	-	41,300	(116,624)
Total Expenditures - All Funds	8,381,662	14,487,485	12,313,115	8,706,825	14,702,559	215,074

#### G.F. EXPENDITURES - FY 22-23 TO FY 23-24

FY 2022-2023 TO FY 2023-2024

DEPARTMENT	FY 22-23	FY 23-24
GOVERNMENT SERVICES	781,690	643,783
ADMINISTRATION	894,858	923,604
BUILDING & GROUNDS	127,859	127,859
DPS - LEAF & REFUSE COLLECTION	889,720	886,750
RECREATION	50,642	16,400
POLICE DEPARTMENT	2,400,256	2,497,303
CONTINGENCIES & CAPITAL FUND	157,924	41,300
Total - General Fund	5,302,949	5,136,999



#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

GENERAL FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
GOVERNMENT SERVICES	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Unfunded Pension Liability		-	-	-	-	-
Unemployment Insurance	49	50	52	52	50	0
Workers Compensation Insurance	6,427	7,000	7,000	-	7,175	175
Office Supplies	6,176	6,000	6,000	4,045	6,000	0
Office Supplies - COVID	100	-	-	-	•	0
Tax Tribunal Appeal Refunds	1,197	1,500	10,366	10,366	1,500	0
Memberships and Meetings	4,751	6,000	8,000	7,266	8,000	2,000
Building Inspection Contract	83,376	70,000	30,000	27,901	71,750	1,750
Code Enforcement	3,283	4,500	-	-	4,500	0
Cable TV Productions	65,033	55,000	50,000	38,726	55,000	0
Citizen Communication/ PR	10,235	15,000	10,000	6,439	20,000	5,000
Auditing Services	34,157	34,840	43,845	43,845	45,000	10,160
Telephone Billings	17,523	18,000	12,000	7,867	18,000	0
Vehicle Expense	5,863	6,500	2,000	285	5,000	(1,500)
City Appreciation Functions	-	-	-	-	1,000	1,000
Training	4,516	5,000	8,000	7,329	5,125	125
City Planning/Consulting Fees	7,717	15,300	11,000	9,144	15,683	383
City Beautification Projects	-	-	-	-	-	0
C.D.B.G. Funded Projects	-	2,000	3,267	3,267	6,000	4,000
Printing/Publishing Costs	10,942	12,000	10,000	7,795	10,000	(2,000)
Postage Meter	4,822	6,000	6,000	4,173	6,000	0
Liability Insurance Premiums	38,003	40,000	-	-	41,000	1,000
Miscellaneous	3,960	-	-	-	•	0
Government Operations	30,315	25,000	-	-	25,000	0
Technology	46,097	45,000	46,000	45,427	45,000	0
Library Contract Payments	119,938	132,000	132,000	59,970	172,000	40,000
Community Center Payments	30,958	25,000	25,000	21,705	25,000	0
Repayment to Water-Unfunded Pe	-		-			0
19600 Forest	-	-	-	-	•	0
27907 California NE Drive		-	-	-	-	-
ARPA Exdpenditures	50,392	200,000	40,000	32,230	-	(200,000)
Mers City Contributions	150,000	50,000	-	-	50,000	-
Total - Government Services	735,829	781,690	460,530	337,832	643,783	(137,907)

#### **EXPENDITURES – GENERAL FUND – ADMINISTRATION**

#### **STAFFING**

- A 2% salary increase for administrative staff and officers.
- The Communications Specialist / Special Events Coordinator position has been removed from the 23-24 FY budget.

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

GENERAL FUND ADMINISTRATION	ACTUAL FY21-22	BUDGETED FY22-23	ESTIMATED FY 22-23	ACTUAL 3/31/2023	PROJECTED FY 23-24	INCREASE (DECREASE)
ADMINIOTRATION	1 121-22	1 122-25	1 1 22-23	3/3 1/2023	1120-24	(DEGILEAGE)
Salaries & Wages - Permanent	381,305	441,036	441,036	297,671	449,665	8,629
Salaries & Wages - Part Time	3,465	30,000	30,000	26,250	30,000	0
Fringe Benefits	240,950	307,165	200,000	163,816	277,282	(29,883)
Code Enforcement - Legal Service	22,035	20,000	14,000	10,039	20,000	-
Elections	36,980	10,000	17,078	17,078	60,000	50,000
Legal Services	58,141	50,000	50,000	37,104	50,000	-
Board of Review	600	600	500	500	600	-
Code Enforcement Officer	1,003	-		-		
County Equalization Services	34,622	36,057	-	-	36,057	0
			-			
Total - Administration	779,101	894,858	752,614	552,458	923,604	28,746

#### **ADMINISTRATION EXPENDITURES**

FISCAL YEAR	AMOUNT
F.Y. 18-19	431,083
F.Y. 19-20	490,782
F.Y. 20-21	572,823
F.Y. 21-22	743,506
F.Y. 22-23	894,858
F.Y. 23-24	923,604

# CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

GENERAL FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
BUILDING & GROUNDS	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Salaries & Wages - Permanent	-	-			-	-
Salaries & Wages - Temporary	30,123	30,000	30,000	26,250	30,000	0
Fringe Benefits	-	-	-	-	-	-
Workers Compensation Insurance	-	-	-	-	-	-
Building Utilities Billings	49,682	45,000	50,000	44,494	45,000	-
Building Maintenance	48,966	38,000	38,000	28,874	38,000	0
Building Authority Lease Payments	-	-	-	-	-	-
Equipment Maintenance & Repairs	-	1,500	-	-	1,500	-
Parking Lots & Grounds	2,234	8,000	6,000	4,807	8,000	0
Vehicle Maintenance Expense	-	-	-	-	-	-
Building - Grants	6,341	5,359	5,359	5,359	5,359	(0)
Covid Exp - building	455	-	-	-	-	-
Total - Building & Grounds	137,801	127,859	129,359	109,784	127,859	(0)

## **BUILDING & GROUNDS EXPENDITURES**

FISCAL YEAR	AMOUNT
F.Y. 18-19	109,295
F.Y. 19-20	119,498
F.Y. 20-21	113,928
F.Y. 21-22	167,928
F.Y. 22-23	127,859
F.Y. 23-24	127,859

#### **EXPENDITURES – GENERAL FUND – PUBLIC SAFETY**

- The cost for the contract with the City of Berkley for Prison Lockup continues to run lower than previously budgeted.
- The contract for the **Southfield Fire and Emergency Dispatch** expires June 30, 2023. Requests to meet to discuss have gone unanswered.

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

GENERAL FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
PUBLIC SAFETY	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
						,
Salaries & Wages - Permanent	765,030	793,250	793,250	606,169	878,086	84,836
Salaries & Wages - O.T.	40,613	50,000	50,000	23,757	50,000	-
Part Time Employees	93,153	50,000	-	48,224	50,000	0
Fringe Benefits	417,864	641,229	550,000	421,463	656,440	15,211
Unemployment Insurance	96	100	100	100	100	-
Police Uniforms & Cleaning	16,315	15,000	-	-	15,000	0
Workers Compensation Insurance	6,427	10,000	10,000	-	10,000	0
Office Supplies	2,914	4,000	4,000	3,272	3,500	(500)
Office Supplies - Covid	54	-	-	-	-	-
Office Machines	-	2,000	2,000	515	1,500	(500)
Publications/Document Reducing	2,169	500	-	-	500	-
Code Enforcement/Training & Sup	-	-		-	-	-
Road Supplies	2,455	2,000	2,500	2,170	2,500	500
Evidence Supplies	-	1,000	1,000	426	1,000	0
Police Reserve Force	-	500	-	-	500	-
Training Programs	9,794	15,500	9,000	6,654	15,500	0
Firearms Training	7,865	9,000	6,000	5,435	9,000	0
Fire Services/Dispatch Payments	695,462	709,371	709,371	489,014	709,371	0
Telephone Billings	11,929	9,500	9,500	8,105	9,500	-
Radio Communications Agreemen	10,815	12,500	12,500	5,334	12,500	-
Vehicle Maintenance Expense	64,757	37,000	45,628	45,628	37,000	-
Liability Insurance Premiums	25,594	26,106	-	-	26,106	0
Memberships & Meetings	2,525	3,500	3,927	3,927	3,500	0
Michigan Job Training Programs	1,968	2,000	1,000	822	2,000	-
Crime Prevention Programs	36	-	65	65	-	-
Animal Control	693	200	200	107	200	-
Prisoner Lockup	3,200	4,000	2,000	1,100	2,500	(1,500)
State of Michigan LEIN Use	-	-	-	-	-	-
Community Policing	434	2,000	-	-	1,000	(1,000)
Unfunded Pension Liability	-		-			-
Motorcycle Lease	-	-			-	-
Police Forfeitures	-	-	-	-	-	0
Total - Public Safety	2,182,161	2,400,256	2,212,041	1,672,287	2,497,303	97,047

### **PUBLIC SAFETY EXPENDITURES**

FISCAL YEAR	AMOUNT			
F.Y. 18-19	2,045,770			
F.Y. 19-20	2,046,640			
F.Y. 20-21	2,060,566			
F.Y. 21-22	2,388,364			
F.Y. 22-23	2,321,047			
F.Y. 23-24	2,497,303			

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• Phase 3 of the Sidewalk Maintenance Program is being implemented. City Council agreed to pay for root grinding of city trees.

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

GENERAL FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
PUBLIC SERVICES	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
						,
Salaries & Wages - Permanent	-	-			_	-
Salaries & Wages - Temporary	-	-			-	-
Fringe Benefits (MERS)	15,134	20,000	12,000	9,841	20,000	-
DPS Utilities For Reimbursement	26,656	21,000	30,000	23,649	21,000	-
Equipment Maintenance	1,063	4,200	7,141	7,141	4,200	(2,941)
Park Maintenance	1,155	7,000	-	35	1,500	(5,500)
Sidewalk Maintenance Program	290,102	334,247	552,576	416,897	334,247	-
Vehicle Expense	8	-	-	-	1	-
		_				
Subtotal - Public Services	334,118	386,447	601,717	457,563	380,947	(5,500)
	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
CONTRACTUAL SERVICES	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Contractual Services	114,803	126,479	126,479	84,773	126,479	-
Subtotal- Contractual Services	114,803	126,479	126,479	84,773	129,009	2,530
	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
LEAF COLLECTION	EV04 00		-1/00 00	0/04/0000	<b>5</b> 1/ 00 04	(5-65-46-)
	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
	F Y 21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Refuse Equipment & Roll-Off Expens		<b>FY22-23</b> 7,000	<b>FY 22-23</b> 7,000	2,683	7,000	(DECREASE)
						,
						,
Refuse Equipment & Roll-Off Expens	8,530	7,000	7,000	2,683	7,000	,
Refuse Equipment & Roll-Off Expens	8,530 <b>8,530</b>	7,000 <b>7,000</b>	7,000 <b>7,000</b>	2,683 <b>2,683</b>	7,000 <b>7,000</b>	-
Refuse Equipment & Roll-Off Expens  Subtotal - Leaf Collection	8,530 8,530 ACTUAL	7,000 7,000 BUDGETED	7,000 7,000 ESTIMATED	2,683 2,683 ACTUAL	7,000 7,000 PROJECTED	- INCREASE
Refuse Equipment & Roll-Off Expens Subtotal - Leaf Collection REFUSE COLLECTION	8,530 8,530 ACTUAL FY21-22	7,000 7,000 BUDGETED FY22-23	7,000 7,000 ESTIMATED FY 22-23	2,683 2,683 ACTUAL 3/31/2023	7,000 7,000 PROJECTED FY 23-24	- INCREASE
Refuse Equipment & Roll-Off Expens  Subtotal - Leaf Collection	8,530 8,530 ACTUAL	7,000 7,000 BUDGETED	7,000 7,000 ESTIMATED	2,683 2,683 ACTUAL	7,000 7,000 PROJECTED	- INCREASE
Refuse Equipment & Roll-Off Expens Subtotal - Leaf Collection REFUSE COLLECTION	8,530 8,530 ACTUAL FY21-22 354,965	7,000 7,000 BUDGETED FY22-23	7,000 7,000 ESTIMATED FY 22-23	2,683 2,683 ACTUAL 3/31/2023	7,000 7,000 PROJECTED FY 23-24	- INCREASE
Refuse Equipment & Roll-Off Expens  Subtotal - Leaf Collection  REFUSE COLLECTION  SOCRRA Refuse Collection Contract	8,530 8,530 ACTUAL FY21-22 354,965	7,000 7,000 BUDGETED FY22-23 369,794	7,000 7,000 ESTIMATED FY 22-23 369,794	2,683  2,683  ACTUAL 3/31/2023  261,112	7,000 7,000 PROJECTED FY 23-24 369,794	INCREASE (DECREASE)
Refuse Equipment & Roll-Off Expens  Subtotal - Leaf Collection  REFUSE COLLECTION  SOCRRA Refuse Collection Contract	8,530 8,530 ACTUAL FY21-22 354,965	7,000 7,000 BUDGETED FY22-23 369,794	7,000 7,000 ESTIMATED FY 22-23 369,794	2,683  2,683  ACTUAL 3/31/2023  261,112	7,000 7,000 PROJECTED FY 23-24 369,794	INCREASE (DECREASE)
Refuse Equipment & Roll-Off Expens  Subtotal - Leaf Collection  REFUSE COLLECTION  SOCRRA Refuse Collection Contract  Subtotal - Refuse Collection & E	8,530 8,530 ACTUAL FY21-22 354,965 354,965	7,000 7,000 BUDGETED FY22-23 369,794 369,794	7,000 7,000 ESTIMATED FY 22-23 369,794 369,794	2,683  2,683  ACTUAL 3/31/2023  261,112  261,112	7,000 7,000 PROJECTED FY 23-24 369,794 369,794	INCREASE (DECREASE)
Refuse Equipment & Roll-Off Expens  Subtotal - Leaf Collection  REFUSE COLLECTION  SOCRRA Refuse Collection Contract  Subtotal - Refuse Collection & E	8,530 8,530 ACTUAL FY21-22 354,965 354,965	7,000 7,000 BUDGETED FY22-23 369,794 369,794	7,000 7,000 ESTIMATED FY 22-23 369,794 369,794	2,683  2,683  ACTUAL 3/31/2023  261,112  261,112	7,000 7,000 PROJECTED FY 23-24 369,794 369,794	INCREASE (DECREASE)

### **PUBLIC SERVICES EXPENDITURES**

FISCAL YEAR	AMOUNT
F.Y. 18-19	427,021
F.Y. 19-20	459,580
F.Y. 20-21	476,238
F.Y. 21-22	494,836
F.Y. 22-23	889,720
F.Y. 23-24	886,750

- The Community Room rentals remain steady but have not rebounded to pre-covid revenue.
- Summer Concerts will be paid for directly from the Lathrup Village Community Foundations. The line item represents costs of purchasing music rights.

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

GENERAL FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
RECREATION	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Salaries & Wages	8,043	30,000	-	-	-	(30,000)
Fringe Benefits	2,510	5,642	-	-	-	(5,642)
Workers Compensation Insurance	800	800	-	-	800	-
Office Supplies	119	-	•	·	200	200
Bus Transportation Services	-	1,000	-	-	1,000	-
Adult Programs	350	1,000		•	1,000	-
Special Programs/Sporting Events	-	-	-	-	-	-
Senior Activities	783	800	800	183	1,000	200
Children/Youth Activities	-	500	500	11	1,000	500
Community Events	14,349	8,500	8,726	8,726	8,500	-
Community Center Expense	-	-	-	-	1,000	1,000
Fitness Center	353	500	500	147	-	(500)
Dog Park	19	500	50	15	500	-
Recreation Center	-	-	•	0	-	-
Community Garden	335	1,000	•	•	1,000	-
Grant Funded Programs	-	-	-	-	-	-
Concerts in the Park	781	400	420	420	400	-
Total - Recreation	28,441	50,642	10,996	9,502	16,400	(34,242)

## **RECREATION EXPENDITURES**

FISCAL YEAR	AMOUNT			
F.Y. 17-18	132,998			
F.Y. 18-19	131,676			
F.Y. 19-20	121,816			
F.Y. 20-21	84,145			
F.Y. 21-22	50,642			
F.Y. 22-23	16,400			

- Public Act 51 figures are not finalized but appear to show an increase of \$220,657 over last year's numbers.
- The Capital Improvement-Street Funds reflects the use of street bond millage for projects.
- The tan shade reflects Street Bond related revenues & expenses.

# CITY OF LATHRUP VILLAGE SUMMARY OF REVENUES - MAJOR STREETS FY 2023-24

	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
MAJOR STREETS	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
ACT 51 Funds	384,226	373,671	373,671	232,502	594,328	220,657
Transfer From Other Funds		-			-	-
Investment Interest	1,876	600	-	-	600	600
Transfer From Street Bond Rev	375,000	952,207	952,207	952,207	250,000	(702,207)
Total - Major Street Revenues	761,102	1,326,478	1,325,878	1,184,709	844,928	(480,950)

#### **MAJOR STREETS**

FUND BALANCE - BEGINNING	181,836	938,106	938,106	938,106	952,226	14,120
EXPENDITURES (Net change)	756,270	(572)	17,028	14,244	(483,951)	(500,979)
FUND BALANCE - ENDING	938,106	937,534	955,134	952,226	468,275	(486,859)

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

MAJOR STREET FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
MAJOR STREETS	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Salaries & Wages - Permanent						-
Salaries & Wages - Administration	3,974	5,750	5,750	4,387	6,038	288
Salaries & Wages - Temporary	, -	· -	, <u>-</u>	-	-	-
Fringe Benefits	1,329	11,472	11,472	638	11,507	35
Workers Compensation Insurance	-	-	-	-	-	-
Office Supplies	-	-	-	-	-	-
Bond Interest	-	98,333	98,333	-	98,333	-
Auditing Services	8,221	6,500	6,500	6,500	6,700	200
Roadside Parks	-	-	-	-	-	-
Transfer to Local Streets	-	-	-	-	-	0
Administration & Engineering	4,000	4,000	4,000	4,000	4,000	-
Road Construction	-	-	-	-	-	-
Road Maintenance	2,285	5,000	5,000	2,265	5,000	-
Roadside Maintenance	222	1,000	1,000	42	1,000	-
Equipment Rental	-	5,000	5,000	-	5,000	-
Traffic Controls	33,756	25,000	10,000	7,769	25,000	-
Snow & Ice Removal	4,392	5,500	2,300	2,936	5,500	-
Non-Motor Facilities	-	-	-	-	-	-
Paying agent fee	250	-	-	-	-	-
Forestry	21,521	36,000	36,000	18,433	36,000	-
Capital Expenditure	-	-	-	-	-	-
Subtotal - Major Streets	79,949	203,555	185,355	46,970	204,078	523
Subtotal - Major Streets	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
CONTRACTUAL SERVICES	FY20-21	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
CONTRACTOAL SERVICES	F120-21	F122-23	F1 22-23	3/3 1/2023	F1 Z3-Z4	(DECKEASE)
Contractual Services	59,271	65,299	65,299	65.299	66,605	1,306
Public Service Building	30,271	-	00,200	55,255	-	- 1,000
Capital Imp - Street Bond	607,763	1,058,196	1,058,196	1,058,196	1,058,196	_
	20.,.00	.,000,100	.,555,.50	1,300,100	.,000,.00	
Subtotal- Contractual Services	667,034	1,123,495	1,123,495	1,123,495	1,124,800	1,306
Total Major Ctreate	740,000	4 227 252	4 200 050	4 470 405	4 000 070	4 000
Total - Major Streets	746,983	1,327,050	1,308,850	1,170,465	1,328,879	1,829

- The Capital Improvement-Street Funds reflects the use of street bond millage for projects.
- The tan shade reflects Street Bond related revenues and expenses.

#### CITY OF LATHRUP VILLAGE SUMMARY OF REVENUES - LOCAL STREETS FY 2023-24

	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
LOCAL STREETS	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
ACT 51 Funds	179,483	175,843	175,843	108,574	175,843	-
Transfer From General Funds	-	-	-	-	-	-
Transfer in from Major Streets	-	-	-	-	-	0
Investment Interest	2,063	600	600		600	-
Miscellaneous Revenue	21,761	13,603	5,000	3,637	13,603	-
Special Assessments	-	-	-		-	-
Transfer from Street Bond Rev	375,000	1,376,707	1,376,707	1,376,707	460,000	(916,707)
				·		
Total - Local Street Revenues	578,307	1,566,753	1,558,150	1,488,918	650,046	(916,707)

#### **LOCAL STREETS**

LOO/L OTKLLTO						
FUND BALANCE - BEGINNING	313,012	704,940	704,940	704,940	1,092,100	387,160
	-					
EXPENDITURES (Net Change)	558,845	(38,797)	25,135	387,160	(929,370)	(954,505)
						-
FUND BALANCE - ENDING	871,857	666,143	730,075	1,092,100	162,730	(567,345)

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

LOCAL STREET FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
LOCAL STREETS	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Salaries & Wages - Permanent	-					0
Salaries & Wages - Administration	3,974	5,750	5,750	4,387	5,865	115
Salaries & Wages - Temporary	-	-	-	-	-	0
Fringe Benefits	1,328	11,472	2,000	638	11,478	6
Workers Compensation Insurance	-	-	-	-	-	0
Bond Expense - Construction	-	-	-	-	-	0
Bond Interest	-	98,333	98,333	-	98,333	0
Auditing Services	6,081	6,500	6,500	6,500	6,700	200
Administration & Engineering	-	-	-	-	ı	0
Road Construction	-	-	-	-	-	0
Road Maintenance	4,379	250,000	250,000	12,773	250,000	0
Roadside Maintenance	222	1,000	1,000	42	1,000	0
Equipment Rental	-	2,000	2,000	-	2,000	0
Traffic Controls	23,787	25,000	5,000	-	10,000	(15,000)
Snow & Ice Removal	4,392	5,000	2,937	2,937	5,000	0
Non-Motor Facilities	12,004	5,000	-	-	5,000	0
Capital Expenditure	-	-	-	-	-	0
Forestry	21,521	36,000	36,000	18,433	36,000	0
Paying agent fees	250	36,000	-	-	15,000	(21,000)
				.=		(
Subtotal - Local Streets	77,939	482,055	409,520	45,710	446,376	(35,679)
	ACTUAL	PROJECTED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
CONTRACTUAL SERVICES	FY20-21	FY 22-23	FY 21-22	3/31/2022	FY 22-23	(DECREASE)
Contractual Services	59,271	65,299	65,299	43,426	74,844	9,545
Roadside Maintenance		-			-	0
Capital Imp - Street Bond	608,013	1,058,196	1,058,196	1,012,622	1,058,196	0
		-			-	0
Subtotal- Contractual Services	667,284	1,123,495	1,123,495	1,056,048	1,133,040	9,545
Total - Local Streets	745,222	1,605,550	1,533,015	1,101,758	1,579,416	(26,134)

#### WATER FUND – RATES

• FY 23-24 Water rate is increasing \$1.14 to \$45.69 (based on 1,000 units).

#### **WATER RATE REVIEW**

WATER	SOCWA	CITY	CAPITAL	TOTAL
WATER RATE - 22-23	18.76	16.54	9.25	44.55
WATER RATE - 23-24	19.18	17.26	9.25	45.69
INC./(DEC.) IN \$	0.42	0.72	0.00	1.14
INC./(DEC.) IN %	2.24%	4.35%	0.00%	2.56%

	Projected	Adjusted
Projected Sales:	21,100	18,990
Water Loss Ratio	0.250	10.00%
Fixed Monthly:	\$3,373/MO	40,476

	F	Υ
	2022-	2023
	Revenue	Expenditure
SOCWA/DWSD	691,996	413,940
Penalties	25,000	
Meter Charge	80,830	
SOCWA Fixed Costs		40,476
Capital Improvement	175,658	
Water System Maint		90,000
Interest	4,500	
Lathrup Village Rates	327,767	
Other Water Expenses		172,894
Capital Bonds		287,113
Billing Expenses	40,000	10,000
CIP Surcharge - Flat	227,268	

Total 1,573,019 1,481,506 FY 22-23

## REVENUE REQUIREMENTS WATER

REVENUE SOURCE	FY 22-23	FY 23-24	INC./(DEC.)	% INC.
SALES	670,347	691,996	21,649	3.128%
PENALTIES	25,000	25,000	0	0.000%
INTEREST	4,500	4,500	0	0.000%
METER CHARGE	80,830	80,830	0	0.000%
CAPITAL PROJECTS	175,658	175,658	0	0.000%
MISC	40,000	40,000	0	0.000%
CIP SURCHARGE - FLAT RATE	227,268	227,268	0	0.000%
TOTALS	1,223,603	1,245,251	21,649	1.77%
REQUIRED RATES	43.74	47.80	4.06	8.49%

- Water purchase from SOCWA reflects a 4.35% increase.
- Revenues Transfer from Bond is to cover the CIP project.

#### CITY OF LATHRUP VILLAGE SUMMARY OF REVENUES - WATER FUND FY 2023-24

WATER FUND	ACTUAL FY21-22	BUDGETED FY22-23	ESTIMATED FY 22-23	ACTUAL 3/31/2023	PROJECTED FY 23-24	INCREASE (DECREASE)
Water Sales	708,405	708,737	708,737	554,321	691,996	(16,741)
Water Penalties	28,855	25,000	25,000	24,471	25,000	0
Investment Interest	6,520	4,500	55,934	55,934	4,500	-
Miscellaneous - Billling	59,019	40,000	40,000	15,898	40,000	-
Meter Charge	69,125	80,645	80,645	52,286	80,830	185
Replacement Reserve Revenue	-	182,410	182,410	-	175,658	(6,753)
CIP Surcharge - Flat Rate		227,268	227,268	171,746	227,268	-
Bond Revenue	228,713	-		-	-	-
Transfer from Bond		1,683,301	1,683,301	1,683,301	1,683,301	-
Total - Water Revenues	1,100,638	2,951,861	3,003,295	2,557,957	2,928,552	(23,309)

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

WATER FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
WATER	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Salaries & Wages - Permanent	4,699	20,004	20,004	14,015	7,038	(12,966)
Fringe Benefits	115,154	158,268	100,000	77,981	142,359	(15,909)
Workers Compensation	-	-	-	-	-	-
Office Supplies	107	-	-	-	-	-
Water System Maintenance	66,276	90,000	90,000	43,874	90,000	0
Water Billing Expense	9,723	10,000	1,000	6,672	10,000	-
Auditing Services	7,732	6,500	6,500	6,500	6,700	200
Liability Insurance Premiums	7,803	7,959	7,959	-	8,000	41
Water Purchase	395,597	454,416	250,000	198,564	454,416	0
Rent & Utilities	4,917	4,917	4,917	-	4,917	-
System Depreciation	325,056	-	-	=	-	-
Capital Expense Bond- Water Mete	3,795	860,000	130,000	-	130,000	(730,000)
Equipment Replacement	1,091	2,000	2,000	1,151	2,000	-
Miscellaneous/Meetings/Training	=	1,522	1,522	1,522	1,880	358
Transfer Out To Capital Acquis	=	-	-	=		=
Water Main Project	118	356,600	-	-	356,600	-
Interes Expense	-	-	-	-	, <u>-</u>	-
Pension Expense	(1,362)	-	-	-	-	-
OPEB Expense	(951,233)	-	-	-	-	-
Capital Expense	1,814	-	-	-	-	-
Capital Exp - Stop Box Replaceme	-	50,000	49,552	-	24,000	(26,000)
Capital Exp - Lead & Copper Line	=	100,000	100,000	82,313	100,000	-
Capital Exp - Water Main Repacem	=	475,000	475,000	365,303	1,121,000	646,000
Capital Exp - Fire Hydrants	-	100,000	238,980	238,980	84,000	(16,000)
Capital Exp - Gate Valves	=	200,000	125,000	77,411	224,000	24,000
Cost of Debt Issuance	=	-	=	-	•	-
Subtotal- Water	(8,714)	2,897,186	1,602,434	1,114,286	2,766,910	(117,310)
	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
CONTRACTUAL SERVICES	FY20-21	FY21-22	FY 21-22	3/31/2022	FY 22-23	(DECREASE)
						•
Subtotal- Contractual Services	66,602	73,376	73,376	73,376	74,844	1,468
Total - Water	57,888	2,970,562	1,675,810	1,187,662	2,841,754	(128,809)

#### **SEWER FUND – RATES**

• Rates are estimated to increase 2.9%

FY 23-24 REVENUE REQUIREMENTS SEWER

REVENUE SOURCE	FY 22-23	FY 23-24	INC./(DEC.)	% INC.
SALES/DISPOSAL	1,266,948	1,264,104	(2,844)	-0.22%
PENALTIES	43,000	43,000	0	0.00%
INTEREST	4,500	4,500	0	0.00%
INDUSTRIAL SURCHARGE	43,000	43,000	0	0.00%
TRANSFER IN - GENERAL FUND	0	0	0	
CAPITAL PROJECTS	250,240	243,072	(7,168)	-2.86%
DEBT SERVICE	156,400	151,920	(4,480)	-2.86%
			0	
TOTALS	1,764,088	1,749,596	(14,492)	-0.82%
REQUIRED RATES	85.61	87.37	1.76	2.05%

#### **SEWER RATE REVIEW**

CALCULATION FORMULA	FY 22-23	FY 23-24	\$ INC.	% INC.
DETROIT/EVERGREEN FARM.	58.56	60.32	1.76	3.00%
LOOK BACK ADJUSTMENT	0.00	0.00	0.00	0.00%
EXCESS FLOW CHARGE	0.00	0.00	0.00	0.00%
OPERATIONS & MAINTENANCE	12.80	12.80	0.00	0.00%
DEBT SERVICE	8.00	8.00	0.00	0.00%
CITY	6.25	6.25	0.00	0.00%
TOTAL	85.61	87.37	1.76	2.052%

Total	2,430,379	2,514,163	
Capital	680,783	145,000	
Debt Service	151,920	0	
Retention Tank		858,226	
Other Sewer		69,835	
Lathrup Village	118,688		
Penalties	43,000		
Interest	4,500		
Contractual Services		73,376	
System Maintenance	243,072	273,000	
Industrial Surcharge	43,000	20,000	
Disposal	1,145,416	1,074,726	
	Revenue	Expenditure	
	2023	2024	
	FY		

## **SEWER EXPENDITURES**

FISCAL YEAR	AMOUNT
F.Y. 18-19	1,341,224
F.Y. 19-20	1,459,704
F.Y. 20-21	1,584,934
F.Y. 21-22	2,033,799
F.Y. 22-23	2,919,481
F.Y. 23-24	2,763,827

#### **SEWER FUND**

• Sewer / CIP Bond related revenues / expenses are highlighted in blue.

#### CITY OF LATHRUP VILLAGE SUMMARY OF REVENUES - SEWER FUND FY 2023-24

	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
SEWER FUND	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Sewage Disposal	1,378,674	1,688,140	1,688,140	1,057,560	1,659,096	(29,044)
Sewer Penalties	41,022	43,000	43,000	35,698	43,000	(20,011)
Investment Interest	6,520	4,500	46,644	46,644	4,500	-
Premium on Bonds	19,352	-	, <u>-</u>	-	-	-
Investment Interest - Bond	-	-	-	-	-	-
Miscellaneous	-	-	-	4,990	-	-
Industrial Surcharge	30,670	43,000	43,000	26,845	43,000	-
Federal State Grants	213,826	-	-		-	-
Replacement Reserve Revenue	-		-			-
Transfer in from Capital Bond	-	680,783	680,783	680,783	1,034,405	353,622
Total - Sewer Revenues	1,690,064	2,459,423	2,501,567	1,852,520	2,784,001	324,578

#### WATER AND SEWER FUND

FUND BALANCE - BEGINNING	7,026,899	6,766,967	9,226,390		4,919,093	
EXPENDITURES (Net Change)	(259,932)	2,459,423	2,501,567		(199,495)	
FUND BALANCE - ENDING	6,766,967	9,226,390	11,727,957	4,919,093	4,719,598	

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

SEWER FUND	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
SEWER	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Salaries & Wages - Permanent	4,699	20,004	20,004	14,015	7,038	(12,966)
Subtotal- Contractual Services	66,602	73,376	73,376	48,797	74,844	1,468
Fringe Benefits	61,916	55,346	55,346	36,320	47,794	(7,552)
Sewer System Maintenance	35,938	273,000	273,000	38,119	273,000	-
Auditing Services	7,732	6,500	6,500	6,500	6,700	200
Liability Insurance Premiums	7,959	7,803	7,803	7,803	7,803	•
Sewage Disposal Service	1,056,825	1,059,290	1,059,290	696,281	1,074,726	15,436
Rent	-	500	500	-	500	-
Capital Expenditure	8,315	145,000	145,000	23,098	450,000	305,000
Industrial Surcharge	16,829	20,000	20,000	11,327	20,000	-
Miscellaneous	-	-	-	-	-	-
OPEB Expense	-	-	-	-	•	-
Pension Expense	-	-	-	-	-	-
Subtotal- Sewer	1,266,815	1,660,819	1,660,819	882,260	1,962,405	301,586
RETENTION TANK						
Electric	19,679	18,707	18,707	11,292	18,707	-
Water	3,260	5,000	6,461	6,461	5,000	-
Natural Gas	495	1,200	1,200	1,036	1,200	1
Telephone	3,741	3,000	3,000	1,734	3,000	-
Fuel for Generator	-	500	500	-	500	-
Supplies & Tools	-	-	-	-	•	-
Building & Equipment	_	6,000	6,000	4,115	6,000	0
Environmental Compliance - Non (	17,269	30,000	30,000	7,530	30,000	0
Bond Expense - Interest	173,696	174,679	174,679	171,724	174,679	1
Bond Expense- Paying Agent Fees	1,250	1,500	1,500	750	1,500	-
Excess Liability Insurance	9,078	9,078	9,078	9,078	9,078	-
Bond Exp - Construction	-	-	-	-	-	-
Capital Exp - Sanitary Sewer Repa	15,718	_	-	-	-	-
Capital Exp - Retention tank repairs	-	550,000	550,000	-	858,226	308,226
Subtotal- Retention Tank	244,187	799,664	801,125	213,720	1,107,890	308,226
Total - Sewer	1,511,002	2,460,483	2,461,944	1,095,980	3,070,295	609,812

#### WATER & SEWER AVERAGE MONTHLY RATES

- Minimum monthly water rates for residential customers will increase from \$44.55 to \$45.69 per month.
- The typical monthly residential water bill is comprised of:

WATER (ONLY) BILLING	FY 22/23		F١	FY23/24	
Minimum Bill Charge (up to 4 units)	\$	44.55	\$	45.69	
Meter Charge - 3/4" (depends on size)	\$	2.93	\$	2.93	
Monthly Bill Charge	\$	1.00	\$	1.00	
CIP Surcharge	\$	10.70	\$	10.70	
Total Minimum Water Bill	\$	59.18	\$	60.32	

- Minimum monthly sewer rates for residential customers will increase from \$85.61 to \$87.37 per month.
- The typical monthly residential sewer bill is comprised of:

SEWER (ONLY) BILLING	F١	/ 22/23	FY	23/24
Total Minimum Sewer Bill (up to 4 units)	\$	85.61	\$	87.37

• Reflects the principal payment on bond obligations

#### CITY OF LATHRUP VILLAGE SUMMARY OF PROPOSED EXPENDITURES FY 2023-24

DEBT SERVICE	ACTUAL	BUDGETED	ESTIMATED	ACTUAL	PROJECTED	INCREASE
ALL DEBT	FY21-22	FY22-23	FY 22-23	3/31/2023	FY 23-24	(DECREASE)
Sewer Cap Imp Bonds	83,293	80,287	80,287	80,287	82,113	1,826
SRF Bond	43,554	42,679	42,679	42,679	41,804	(875)
Street Bonds	-	340,000	340,000	340,000	375,000	35,000
Capital Improvement Bonds	345,000	200,000	200,000	200,000	205,000	5,000
Total - All Debt Service	471,847	662,966	662,966	662,966	703,917	40,951

	FY 2023-2024		
ACCOUNT/FUND	EXPENDITURE	COST	
Administration	website upgrade	\$	10,000.00
Administration	Community Room Upgrades	\$	-
Administration	Computer upgrades	\$	5,000.00
Administration	Phone System Upgrade	\$	10,000.00
Public Safety			
Public Safety	Axon Taser	\$	4,500.00
Public Safety	Mobile Data Computer Replace	\$	3,000.00
Public Safety	Guardian Tracking Software	\$	1,000.00
Public Safety	Computer upgrades	\$	2,500.00
Public Safety	Power DMS	\$	5,300.00
Public Safety			
Public Services		\$	-
Public Services	New Roof for DPS Building		
Public Services	Backhoe Tractor		
Public Services		\$	-
Recreation		\$	-
Recreation		\$	-
Water			
Water			
Sewer			
Sewer			
Major Streets			
Local Streets			
	TOTAL	\$	41,300.00
			·
Administration		\$	25,000.00
Public Safety		\$	16,300.00
Public Services		\$	-
Recreation		\$	_
Water		\$	-
Sewer		\$	-
Major Streets		\$	-
Local Streets		\$	-
	Total	\$	41,300,00



Intentionally Blank



A HERITAGE OF GOOD LIVING

#### PREPARED FOR:

CITY OF LATHRUP VILLAGE PLANNING COMMISSION 27400 SOUTHFIELD ROAD LATHRUP VILLAGE, MI 48076

MARCH 2023

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## Introduction

### Introduction

The 2023-2028 City of Lathrup Village Capital Improvement Plan (CIP) will serve as a tool to assist the City in turning long-range policy planning into real improvements on the ground. A six-year capital improvement plan and an annual update of that plan is a requirement for the City of Lathrup Village under the Michigan Planning Enabling Act of 2008. The following report identifies the major capital improvements needed and/ or planned for the community, the time frame for implementation of those improvements, and the budget and revenue sources that will make those improvements a reality. Capital improvements cover multiple departments within the City of Lathrup Village and include new facilities, water and sewer line replacements and improvements, police equipment, parks and recreation facilities, non-motorized pathways, and professional services.



Drainage ditch repair (Giffels Webster, 2020)

#### WHAT IS A CAPITAL IMPROVEMENT PLAN (CIP)?

A Capital Improvement Plan is a six-year schedule of public physical improvements which identifies the needs for improvements and the sources of funding to make those improvements. It provides a schedule of expenditures for constructing, maintaining, upgrading, and/or replacing a community's physical inventory. The CIP, therefore, is a tool to assess the long-term capital project requirements (the "big jobs") of Lathrup Village. Since capital improvement projects are spread across multiple community needs (fire protection, police, water and sewer, parks and recreation, municipal administration, etc.), the CIP prioritizes these projects across the entire community and over time, providing a comparison of the community's various needs and wants.



City Street in Lathrup Village (Giffels Webster, 2020)

#### WHAT ARE CAPITAL IMPROVEMENT PROJECTS?

Capital improvement projects are major and infrequent expenditures, such as the construction of a new facility, a major rehabilitation or repair of an existing facility, or the purchase of major equipment. Capital improvement projects are non-recurring expenditures that tend to be large both in physical size and in cost, and have a long-term usefulness (10 years or more). Examples of capital improvement projects include:

- Construction of a new city hall
- · Construction of a new police station
- Extension or replacement of a water/sewer line
- · Major rehabilitation of a city's community center
- Creation of a new city park
- · Large equipment and vehicles

Each city department is asked to take a long view look at future initiatives or improvements that may require capital purchases in order to be fully implemented. Each department works to improve the manner by which the City delivers services to its residents and stakeholders. Lists of needs are developed based on research and discussions with communities that have similar needs. The majority of the capital purchases in these categories are funded through the general fund or other dedicated city funds. Thorough knowledge and research of our future planned costs allows for the pursuit of grant and other outside funding sources to meet our policy goals. The following sections discuss the City's various needs and proposed funding by department.

The term "major expenditure" is relative; what is "major" to one community might be "minor" to another. The City of Ann Arbor, for example, sets a minimum threshold of \$100,000 for projects to be included in the City's CIP, while the City of Rochester Hills sets a minimum of \$25,000. Lathrup Village's policy for determining a Capital Improvement is defined in the following section.



Lathrup Village DPS yard (Giffels Webster, 2020)

## WHAT IS THE CITY OF LATHRUP VILLAGE'S CAPITAL IMPROVEMENT POLICY (CIP)?

A capital improvement project is a major, nonrecurring expenditure that meets one of more of the following criteria:

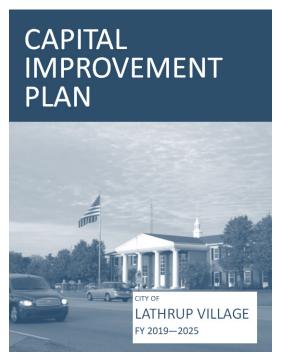
- Any acquisition of land for a public purpose which costs \$5,000 or more.
- Any construction of a new public facility (city building, water/sewer lines, pathways), or any addition to an existing public facility, the cost of which equals \$5,000 or more and has a useful life of three or more years.
- A nonrecurring rehabilitation (not to include annual/recurring maintenance) of a building, its grounds, a facility, or equipment, the cost of said rehabilitation being \$5,000 or more with a useful life of three or more years.
- Purchase of major equipment which, individually or in total, cost \$5,000 or more with a useful life of three or more years.
- Planning, feasibility, engineering, or design studies related to an individual capital improvement project, or program implemented through individual capital improvement projects, with a cost of \$5,000 or more and a useful life of three or more years.



Lathrup Village public safety vehicles (Giffels Webster, 2020)

# WHAT IS THE ROLE OF THE CITY PLANNING COMMISSION IN THE CIP PROCESS?

The Capital Improvement Program is a dynamic planning document, intended to serve as a tool to implement the City of Lathrup Village's Master Plan. The Master Plan should correspondingly include capital improvement projects as well as guide long-term capital planning. The Planning Commission is uniquely qualified to manage the development and annual update of the City's CIP, based on their role in creating and updating the City's Master Plan. The Planning Commission's role will ensure that public works projects are consistent with the land uses identified within the Master Plan. By making a recommendation of approval for the CIP to the City Council, the Planning Commission agrees that the projects outlined within it reasonably address the City's capital improvement needs.



Lathrup Village 2019 CIP (Giffels Webster, 2020)

The CIP is an essential link between planning for capital improvement projects and budgeting for them. Once approved by the City Council, the CIP can be used to develop the capital project portion of the City's budget. Those projects included in the CIP's first year (2023) potentially form the basis for the upcoming year's capital project budget. As the CIP is annually updated, a continuous relationship will be maintained between the CIP and the City's annual budget. The annual update to the CIP will typically occur in advance of the preparation of the City's budget.

## WHAT ARE THE BENEFITS OF PREPARING A CAPITAL IMPROVEMENT PLAN?

- Prudent use of taxpayer dollars
- Prioritizing projects across the needs of the community and across departments (an "apples-to-apples" comparison)
- Generating community support by inviting public input
- Promoting economic development
- Improving the City's eligibility for State and Federal grants
- Providing an implementation tool for the goals and objectives of the City's Master Plan
- Transparency in identification of high-priority projects
- Coordination / cost-sharing between projects



Lathrup Village DPS yard (Giffels Webster, 2020)



Damaged storm sewer culvert (Giffels Webster, 2020)

**Program Areas** 

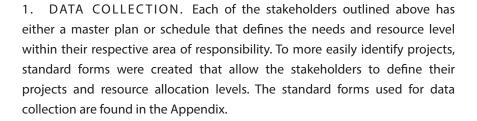
## **Program Areas**

The following sections outline the Program Areas of the City of Lathrup Village's CIP:

- 1. Data Collection Process
- 2. Data Compilation Process
- 3. CIP Adoption Process

The components of the CIP are compiled and reported by Program Areas. The following table (Figure 1) displays the Program Areas used in this CIP (each assigned with a color). These program areas represent the stakeholders in the CIP.







Sarrackwood Park (Google, 2020)

#### A definition of the standard CIP forms is provided as follows:

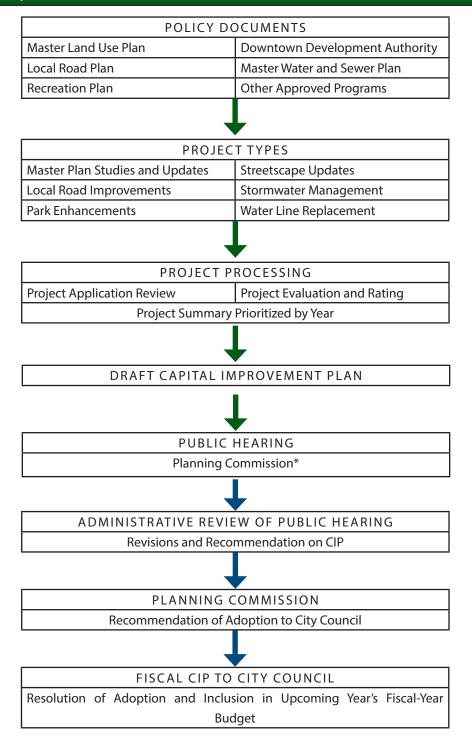
- PROJECT APPLICATION FORM Consists of project descriptions, schedules, necessity, and possible sources of funding. The information provides an understanding of the overall scope of each project and how it is valued within its program area and within the City. While stakeholders may be aware of major projects further out on the horizon, only those planned for within the six-year window of the 2022-2027 CIP were included.
- PROJECT COST DETAIL FORM Consists of a matrix of six (6) budget years across the top of the form and a listing of costing components along the side of the form. The form is split into two (2) parts; the upper half is the capital cost for the project and the lower half is the cost of operations or maintenance for that project if applicable. Recognition of the operations and maintenance costs of a project is a valuable tool in forecasting future needs for resource allocation. Investment in a new facility is only worthwhile if there are funds available to operate and maintain it.
- PROJECT RATING FORM This form is used when new projects
  are identified but cannot all be funded within a given fiscal year. The
  forms are used to rate both the importance and impact of a project
  within its program area and within the City. The ratings are weighted
  with emphasis given to those projects that are mandated by law, by
  agreement, or because they are a matter affecting health safety and
  welfare. Projects without a ranking were not competing for funding,
  either because they are mandatory or because no other similar projects
  were proposed.
- 2. DATA COMPILATION. The information received from the stakeholders has been compiled into a Project Summary Worksheet. This worksheet contains all of the projects in the CIP over six (6) budget years with a cost summary of each budget year by program area and for the entire CIP. Included with the worksheet is the listing of possible funding sources and an estimate of the City's share for each project. The Project Summary Worksheet can be found in the Appendix of this CIP.



Lathrup Village welcome sign (Giffels Webster, 2020)

3. CIP ADOPTION PROCESS. The adoption process involves a public hearing to solicit citizen input. The CIP will then be modified (if necessary), approved by the City Planning Commission (via a formal recommendation for approval to the City Council), and forwarded to the City Council for adoption. Adoption of the CIP by the City Council does not constitute an authorization to commit resources to any project. This approval is recognition of a plan for projects within the community that may move toward implementation in the future. The projects included within Year 1 of the Capital Improvement Plan potentially form the basis for the upcoming year's capital projects budget. An outline of the process is displayed in Figure 2.

Figure 2 - CIP Adoption Process



### **Project Inventory**

Below is a summarized list of all projects considered for the 2023 Capital Improvement Plan. Project details are shown on the following pages; they can also be viewed online via the <u>Interactive CIP Dashboard Map</u>. Changes from 2022-2027 CIP are provided as applicable. New items added in 2023 are marked with an asterisks (\*) in the tables below.

Project Number	Name	Fiscal year start	Funding source	Total	
Administrative (AD	Administrative (AD)				
AD23-01	Remote Cameras - Cable Department*	2023	General Fund	\$7,798	
AD Total	AD Total				
Department of Pul	olic Services (DPS)				
DPS23-01	Painting - DPS Building	2023	General Fund	\$20,000	
DPS23-02	Epoxy Floors	2023	General Fund	\$65,000	
DPS23-03	Cement Blocks	2023	General Fund	\$5,000	
DPS23-04	Concrete Slab	2023	General Fund	\$25,000	
DPS23-05	Furnace Replacement	2023	General Fund	\$10,000	
DPS23-06	Kitchen Remodel	2023	General Fund	\$6,000	
DPS23-07	Bathroom(s) Remodel	2023	General Fund	\$6,000	
DPS23-08	Parking Lot Replacement Phase 3	2023	General Fund	\$80,000	
DPS23-09	Backhoe tractor	2023	General Fund	\$97,750	
DPS23-10	City Hall Roof Repair	2023	General Fund	\$20,000	
DPS23-11	Dump Truck	2023	General Fund	\$65,165	
DPS23-12	Gutters and Downspout	2023	General Fund	\$10,000	
DPS23-13	DPS Building Roof Repair	2023	General Fund	\$130,000	
DPS23-14	Pick up Truck (plow ready)	2023	General Fund	\$51,750	
DPS23-15	Building and Site Improvements	2024	General Fund	\$50,000	
DPS23-16	Parking Lot Replacement Phase 4	2024	General Fund	\$50,000	
DPS23-17	West Drive Access Road*	2024	General Fund	\$25,000	
DPS23-18	Interior Garage Concrete Pavement*	2024	General Fund	\$15,000	
DPS Total .				\$731,665	
Downtown Develo	pment Authority (DDA)				
DDA23-01	Alleyway Improvements	2023	DDA General Fund	\$258,511	
DDA23-02	Sidewalk Replacement Program	2023	DDA General Fund	\$50,000	
DDA23-03	Electric Vehicle Chargers	2023	DDA General Fund	\$20,000	
DDA23-04	Bike Loops ·	2024	DDA General Fund	\$7,300	
DDA23-05	Trash Receptacle Installation	2024	DDA General Fund	\$13,000	
DDA23-06	HAWK Pedestrian Crossing	2024	DDA General Fund	\$300,000	
DDA23-07	City Hall Parking Lot Repairs	2024	DDA General Fund	\$280,000	
DDA23-08	City Hall Monument Sign Conversion	2025	DDA General Fund	\$10,000	
DDA Total				\$938,811	

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### Project Inventory - continued

Project Number	Name	Fiscal year start	Funding source	Total
Parks and Recreat	ion (P&R)			
PR23-01	Sarrackwood Park Playscape Replacement	2023	Grant	\$100,000
PR23-02	Municipal Park Playscape Replacement	2023	Grant	\$100,000
PR23-03	Goldengate Park Playscape Replacement	2025	General Fund	\$100,000
P&R Total		•	•	\$300,000
Police				
P23-01	Ballistic Plate Carrier Upgrade	2023	Police	\$15,000
P23-02	In-Car Video System Replacement	2023	Police	\$27,000
P23-03	Power DMS Annual Accreditation Subscription*	2023	TBD	\$5,222
P23-04	Chief and Detective Bureau Vehicles*	2024	TBD	\$90,000
P23-05	Police Station Remodel or New Build	2024	Police	\$1,800,000
P23-06	Patrol Vehicle*	2025	TBD	\$45,000
Police Total	\$1,982,222			
Roads				
R23-01	2023 Road Repair Program	2023	Paving Bond Issue	\$1,720,000
R23-02	2023 El Dorado Gravel Road Conversion*	2023	General Fund / Local Roads	\$60,000
R23-03	2024 Road Repair Program	2024	Paving Bond Issue	\$300,000
R23-04	Southfield Road Resurfacing (11 Mile to 12 Mile)	2024	General Fund / Major Road / DDA / Tri-Party	\$750,000
R23-05	Eastbound 11 Mile Resurfacing (Southfield Road to On-Ramp)	2025	General Fund / Federal Grant	\$400,000
R23-06	Eastbound 11 Mile Resurfacing (Curb Replacement)	2025	General Fund / Major Road	\$120,000
R23-07	Eastbound and Westbound 11 Mile Road Resurfacing	2026	General Fund / Major Road	\$750,000
Roads Total				\$4,100,000

## Project Inventory - continued

Project Number	Name	Fiscal year start	Funding source	Total
Sanitary and Storr	n Sewer	•		
S23-01	Sanitary Sewer Repairs	2023	CIP Bond Issue	\$664,000
S23-02	Retention Tank Upgrades	2023	CIP Bond Issue	\$2,080,800
S23-03	2023 -2025 Storm Sewer	2023	CIP Bond Issue	\$450,000
	Improvements			
S23-04	Retention Tank Grade Separation /	2023	CIP Bond Issue	\$858,000
	Repairs			
S23-05	2023 - 2025 Manhole Installation	2024	Water / Sewer	\$200,000
S23-06	2025 Sanitary Sewer CCTV	2025	Water / Sewer	\$180,000
S23-07	2026-2028 Sanitary Sewer	2025	Water / Sewer	\$600,000
	Improvements			
Storm Sewer Total				\$5,032,800
Water				
W23-01	Lead and Copper Exterior	2023	EGLE DWAM Grant	\$34,000
	Excavation			
W23-02	Lead and Copper Service	2023	CIP Bond Issue	\$400,000
	Abatement			
W23-03	Lead and Copper Interior	2023	CIP Bond Issue	\$50,000
	Inspections*			
W23-04	Fire Hydrants Replacement /	2023	CIP Bond Issue	\$429,000
	Refurbish			
W23-05	Gate Valve Replacement	2023	CIP Bond Issue	\$924,000
W23-06	Lead and Copper Exterior	2023	CIP Bond Issue	\$28,000
	Excavations (stop boxes)			
W23-07	2023 Water Main Replacement	2023	Water / Sewer	\$434,000
W23-08	Residential Water Meter Telemetry	2023	CIP Bond Issue	\$120,000
W23-09	2023 Water Main Replacement*	2023	Water / Sewer	\$687,000
W23-10	2023 Water Main Replacement	2023	Water / Sewer	\$475,000
W23-11	2026 Water Main Replacement	2026	Water / Sewer	\$137,500
W23-12	2027 Water Main Replacement (Ph. 1)*	2027	Water / Sewer	\$440,000
W23-13	2028 Water Main Replacement (Ph. II)*	2028	Water / Sewer	\$440,000
W23-14	2029 Water Main Replacement*	2029	Water / Sewer	\$810,000
W23-15	2030 Water Main Replacement*	2030	Water / Sewer	\$390,000
W23-16	Water Main Replacement (31-32)*	2031	Water / Sewer	\$500,000
Water Total	1 22 2 33 2 27			\$6,298,500
Sidewalks				
SW23-01	2023 Sidewalk Repair Program	2023	General Fund	\$50,000
Sidewalks Total		1	1	\$50,000
J.GCTTAINS TOTAL				1 +50,000

### Administrative

New to the 2023 CIP is new camera equipment to replace obsolete equipment and improve services by the Cable department. It is expected that the new equipment would contribute to the long term needs of the community for up to 30 years.

AD23-01		Remote Cameras - Cable Department*
Project Year:	2023	
Estimated Cost:	\$7,798	New cameras will save labor fees for Council chamber meetings.
Funding Source:	General Fund	Current equipment is identified as obsolete.
Ranking:	TBD	

## Department of Public Services

Lathrup Village has maintained a contract with the private company Lathrup Services to manage all of its public service provisions. Services such as water main repair, snow plowing, landscaping and general maintenance and repairs fall into this category. The West Drive Access Road and Interior Garage Concrete Pavement are new items for 2023.

DPS23-01		Painting DPS Building
Project Year:	2023	
Estimated Cost:	\$20,000	
Funding Source:	General Fund	The building is ready for a new paint job inside and out.
Ranking:	TBD	
DPS23-02		Epoxy Floors
Project Year:	2023	
Estimated Cost:	\$65,000	Epoxy floors throughout the entire building will keep office and shop floors clean. The carpet is very dirty and worn out - remove
Funding Source:	General Fund	and replace with epoxy.
Ranking:	TBD	
DPS23-03		Cement Blocks
Project Year:	2023	
Estimated Cost:	\$5,000	Improve yard and organization. Only have three bays to work with.
Funding Source:	General Fund	Extra materials used for projects and dumped anywhere in yard.
Ranking:	TBD	
DPS23-04		Concrete Slab
Project Year:	2023	
Estimated Cost:	\$25,000	Interior of DPS building is dirt and needs to be replaced with
Funding Source:	General Fund	concrete for a cleaner environment.
Ranking:	TBD	
DPS23-05		Furnace Replacement
Project Year:	2023	
Estimated Cost:	\$10,000	Figure 20 at DDC huildings is old and an electric be married.
Funding Source:	General Fund	Furnace at DPS building is old and needs to be replaced.
Ranking:	TBD	

## **Department of Public Services**

Lathrup Village has maintained a contract with the private company Lathrup Services to manage all of its public service provisions. Services such as water main repair, snow plowing, landscaping and general maintenance and repairs fall into this category.

DPS23-06		Kitchen Remodel	
Project Year:	2023		
Estimated Cost:	\$6,000	Kitchen is not in good shape and needs to be replaced. Remov	
Funding Source:	General Fund	and replace old equipment and carpet.	
Ranking:	TBD		
DPS23-07		Bathroom(s) Remodel	
Project Year:	2023		
Estimated Cost:	\$6,000	The bathrooms at the DPS building are in bad shape and in need	
Funding Source:	General Fund	of remodel.	
Ranking:	TBD		
DPS23-08		Parking Lot Replacement Phase 3	
Project Year:	2023		
Estimated Cost:	\$80,000	Repave the northern portion of the parking lot and westerly drive	
Funding Source:	General Fund	patch.	
Ranking:	TBD		
DPS23-09		Backhoe Tractor	
Project Year:	2023		
Estimated Cost:	\$97,750	Compatture stancia 12 compatture di anno di an	
Estimated Cost: Funding Source:	\$97,750 General Fund	Current tractor is 13 years old and in need of replacement.	
	+ -	Current tractor is 13 years old and in need of replacement.	
Funding Source:	General Fund	Current tractor is 13 years old and in need of replacement.  City Hall Roof Repair	
Funding Source: Ranking:	General Fund		
Funding Source: Ranking: DPS23-10	General Fund TBD	City Hall Roof Repair	
Funding Source:  Ranking:  DPS23-10  Project Year:	General Fund TBD 2023		
Funding Source: Ranking: DPS23-10 Project Year: Estimated Cost:	General Fund TBD  2023 \$20,000	City Hall Roof Repair	
Funding Source: Ranking: DPS23-10 Project Year: Estimated Cost: Funding Source:	General Fund TBD  2023 \$20,000 General Fund	City Hall Roof Repair	
Funding Source: Ranking: DPS23-10 Project Year: Estimated Cost: Funding Source: Ranking:	General Fund TBD  2023 \$20,000 General Fund	City Hall Roof Repair  Roof leaks in several areas in the Community Room.	
Funding Source: Ranking: DPS23-10 Project Year: Estimated Cost: Funding Source: Ranking: DPS23-11	General Fund TBD  2023 \$20,000 General Fund TBD	City Hall Roof Repair  Roof leaks in several areas in the Community Room.	
Funding Source: Ranking: DPS23-10 Project Year: Estimated Cost: Funding Source: Ranking: DPS23-11 Project Year:	General Fund TBD  2023 \$20,000 General Fund TBD  2023	City Hall Roof Repair  Roof leaks in several areas in the Community Room.  Dump Truck	

# Department of Public Services

DPS23-12		Gutters and Downspout	
Project Year:	2023		
Estimated Cost:	\$10,000		
Funding Source:	General Fund	Gutters are broken and are in need of replacement	
Ranking	TBD		
DPS23-13		DPS Building Roof Repair	
Project Year:	2023		
Estimated Cost:	\$130,000	DPS building is in bad shape, it is leaking in many spots and might	
Funding Source:	General Fund	need an entire roof replacement	
Ranking	TBD		
DPS23-14		Pick Up Truck (plow ready)	
Project Year:	2023		
Estimated Cost:	\$51,750		
Funding Source:	General Fund	The DPS truck is in poor condition and in need of replacement.	
Ranking	TBD		
DPS23-15		Building and Site Improvements	
Project Year:	2024		
Estimated Cost:	\$50,000		
Funding Source:	General Fund	West side entry road and interior. Salt floor.	
Ranking:	TBD		
DPS23-16		Parking Lot Replacement Phase 4	
Project Year:	2024		
Estimated Cost:	\$50,000	Repave the westerly approach from 12 Mile Rd. to the south. Pave	
Funding Source:	General Fund	the interior bay where cold patch is stored.	
Ranking:	TBD		
DPS24-17		West Drive Access Road*	
Project Year:	2024		
Estimated Cost:	\$25,000	Repairs and maintenance.	
Funding Source:	General Fund	nepairs and maintenance.	
Ranking:	TBD		
DPS24-18		Interior Garage Concrete Pavement*	
Project Year:	2024		
Estimated Cost:	\$15,000	Concrete paving of garage interior.	
Funding Source:	General Fund	Concrete paying or garage interior.	
Ranking:	TBD		

### **Downtown Development Authority**

The DDA has proposed improvements to Southfield Road at the gateways to the City as incremental improvements while the Southfield Road improvement project awaits federal funding priority. These projects will bolster economic development efforts to keep Lathrup Village competitive and attractive for business development. Streetlight improvements include transitioning street lights to LEDs and installment of additional streetlights in the Village Center, which will improve lighting and create a more walkable, safe, downtown. These items were new beginning in 2022.

DDA23-01		Alleyway Improvements
Project Year:	2021- 2025	Repair and/or reconstruct deteriorated alleyways and approaches,
Estimated Cost:	\$258,511	using the Alleyway Assessment conducted by the city's engineers.
Funding Source:	DDA	In 2023, nine alley approaches will be replaced. In 2024, five alley approaches will be replaced. Estimated total cost for the
Ranking:	TBD	remainder of the project is \$558,511.
DDA23-02		Sidewalk Replacement Program (SRP)
Project Year:	2023	The DDA SRP is a 3-year program which coincides with the city-
Estimated Cost:	\$50,000	wide infrastructure improvements. The DDA will cover the cost of
Funding Source:	DDA	replacing sidewalks through the commercial district with the goal of improving pedestrian safety. In 2022, the existing HMA walk 12
Ranking:	TBD	Mile from Southfield Road westward to the Department of Public Works building was replaced. In 2023, deteriorated sidewalks along
		eastbound and westbound 11 Mile will be replaced.



Existing Light pole banner on Southfield Road (Giffels Webster, 2020)

# Downtown Development Authority

DDA23-03		Electric Vehicle Chargers
Project Year:	2023	
Estimated Cost:	\$20,000	Installation of two (2) electric charging stations and necessal electrical upgrades. Pilot locations would be at City Hall and the Roseland Parking Lot.
Funding Source:	DDA General Fund	
Ranking:	TBD	Tiosciana Furning Lot.
DDA23-04		Bike Loops
Project Year:	2024	To help encourage cycling and cycling safety in the City and
Estimated Cost:	\$7,300	downtown, bike loops should be installed. Although there are bike loops at City Hall, there are none located close to the north and
Funding Source:	DDA General Fund	south entrances. Seven locations, including City Hall, have been
Ranking:	TBD	identified for areas to install bike loops.
DDA23-05		Trash Receptacle Installation
Project Year:	2024	Installation of trash and recycling receptacles in the Downtown
Estimated Cost:	\$13,000	District, with six in the northern half of the district and four in the
Funding Source:	DDA General Fund	southern portion. Each receptacle has a compartment for garbage
Ranking:	TBD	and recycling.
DDA23-06		HAWK Pedestrian Crossing
DDA23-06 Project Year:	2024	This project involves the installation of 3 HAWK/Pedestrian Hybrid
	2024 \$300,000	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those
Project Year:		This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity
Project Year: Estimated Cost:	\$300,000	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those
Project Year: Estimated Cost: Funding Source:	\$300,000 DDA General Fund	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate
Project Year: Estimated Cost: Funding Source: Ranking:	\$300,000 DDA General Fund	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07	\$300,000  DDA General Fund  TBD	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.  City Hall Parking Lot Repairs
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07 Project Year:	\$300,000  DDA General Fund  TBD  2024	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07 Project Year: Estimated Cost:	\$300,000  DDA General Fund  TBD  2024  \$280,000	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.  City Hall Parking Lot Repairs
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07 Project Year: Estimated Cost: Funding Source:	\$300,000  DDA General Fund  TBD  2024  \$280,000  DDA General Fund	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.  City Hall Parking Lot Repairs
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07 Project Year: Estimated Cost: Funding Source: Ranking:	\$300,000  DDA General Fund  TBD  2024  \$280,000  DDA General Fund	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.  City Hall Parking Lot Repairs  Repair concrete walks and curbs and repave existing parking lot.
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07 Project Year: Estimated Cost: Funding Source: Ranking: DDA23-08	\$300,000  DDA General Fund  TBD  2024  \$280,000  DDA General Fund  TBD	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.  City Hall Parking Lot Repairs  Repair concrete walks and curbs and repave existing parking lot.  City Hall Monument Sign Conversion
Project Year: Estimated Cost: Funding Source: Ranking: DDA23-07 Project Year: Estimated Cost: Funding Source: Ranking: DDA23-08 Project year:	\$300,000  DDA General Fund  TBD  2024  \$280,000  DDA General Fund  TBD  2025	This project involves the installation of 3 HAWK/Pedestrian Hybrid Beacons. These will dramatically improve the safety of those wishing to cross Southfield Road and will enhance the connectivity of the community. Approval by RCOC for installation near Margate Ave.  City Hall Parking Lot Repairs  Repair concrete walks and curbs and repave existing parking lot.

### Parks and Recreation

The Recreation Department includes upgrades to City Parks, Community Room, and Fitness Center. The City's parks are in need of restoration and upgrades to maintain safety and accessibility. Several parks are in need of additional wood chips and landscaping around play equipment in order to ensure safety of use. Drainage improvements around recreational amenities are needed to reduce instances of standing water and to protect accessibility. The Goldengate, Sarrackwood, and municipal park playgrounds have all been moved ahead from the 2022-2027 CIP.

PR22-01		Sarrackwood Playscape Replacement
Project Year:	2023	The playground equipment at Sarrackwood Park has reached the
Estimated Cost:	\$100,000	end of its usable life. Since its installation, great strides have been
Funding Source:	General Fund	made in creating an inclusive playscape to meet the needs of all children in the community. Maintaining clean and safe playgrounds
Ranking:	TBD	is a hallmark of desirable neighborhoods, assisting with retaining current residents and attracting new ones.
PR22-02		Municipal Park Playscape Replacement
Project Year:	2023	The playground equipment at Municipal Park has reached the
Estimated Cost:	\$100,000	end of its usable life. Since its installation, great strides have been
Funding Source:	Grant	made in creating inclusive playscapes to meet the needs of all children in a community. As the hub of community activities and
Ranking:	TBD	events, an inclusive and accessible playscape is a necessity at Municipal Park.
PR22-03		Goldengate Park Playscape Additional Equipment
Project Year:	2025	The playground equipment at Goldengate Park is not inclusive
Estimated Cost:	\$100,000	equipment. Since its installation, great strides have been made
Funding Source:	Grant	in creating inclusive playscapes to meet the needs of all children in the community. Additionally, Goldengate is currently the sole
Ranking:	TBD	park that services the southern half of the city. Having accessible equipment in the only park on the south side of the city is necessary.

### Police

The Lathrup Village Police Department offers full policing services to its residents including routine patrol, traffic enforcement, detective services, community relations, and other specialized functions. Lathrup Village holds the distinction of being one of Oakland County's safest cities. New items for 2023-2028 include the chief and detective bureau vehicles, patrol vehicle, and subscription for Power DMS Annual Accreditation. Modification to the in-car video changing to GTek, the body cameras, and computer server were completed in 2022.

PD23-01	_	Ballistic Plate Carrier Upgrade	
Project Year:	2023		
Estimated Cost:	\$15,000	Ballistic plate carrier upgrade for active shooter situations which	
Funding Source:	Police	can be added to the bulletproof vest for emergency situations	
Ranking:	TBD		
PD23-02		Watchguard (In-Car Video)	
Project Year:	2023	In-car video system replacement (GTek).	
Estimated Cost:	\$27,000	The company protection is out of managery. A one many many for all	
Funding Source:	Police	The current system is out of warranty. A one-year warranty for all equipment can be purchased for \$3,200.	
Ranking:	TBD	equipment cum se parentasea for \$5,250.	
PD23-03	·	Power DMS Annual Accreditation Subscription*	
Project Year:	2023		
Estimated Cost:	\$5,222		
Funding Source:	TBD		
Ranking:	TBD		
PD23-04		Chief and Detective Bureau Vehicles*	
Project Year	2024		
Estimated Cost:	\$90,000		
Funding Source:	TBD		
Ranking:	TBD		
PD23-05		Police Station Remodel or New Build	
Project Year:	2024		
Estimated Cost:	\$1.8 MM	This is a health and safety issue since we do not have the proper	
Funding Source:	TBD	equipment and space to process evidence. The limited space only allows one person to change at a time. We currently do not	
Ranking:	TBD	have a restroom or shower facilities attached to the locker rooms, which is needed. There is nowhere to clean uniforms that have been exposed to bio-hazard material.  This is also a recruiting issue, since the facility is outdated and	
		there are cramped work stations.	

## Police

PD23-06		Patrol Vehicle*
Project Year:	2025	
Estimated Cost:	\$45,000	
Funding Source:	TBD	
Ranking:	TBD	

### Roads

The City of Lathrup Village has 26.2 miles of local roads and 7.36 miles of major streets. In November 2020, Lathrup Village voters passed a millage for road and ditch repair to address the urgent needs of the transportation system. The millage funds a three-year project beginning in the spring of 2021 that will take three years to complete. The project will be paid for by the issuance of a bond and will be paid back over 10 years with an average millage rate of 3.9176 mills. Due to the significant cost savings, this project includes ditch grading, culvert replacement, and culvert cleaning. These additional tasks will ensure that the new roads will achieve their maximum lifespan and improve the flooding after moderate to significant rains. The El Dorado gravel road conversion is new for the 2023-2028 CIP. The remaining items were included previously and are moved ahead. Sidewalks, included in the 2021 CIP, have been moved to their own category.

R23-01		2023 Road Repair Program
Project Year:	2023	Resurfacing 3.29 miles of local roads.
Estimated Cost:	\$1,720,000	
Funding Source:	Paving Bond	nesurfacing 3.29 fillies of local foads.
Ranking:	TBD	
R23-02		2023 El Dorado Gravel Road Conversion*
Project Year:	2023	
Estimated Cost:	\$60,000	
Funding Source:	General Fund / Local Roads	
Ranking:	TBD	
R23-03		2024 Road Repair Program
Project Year:	2024	
Estimated Cost:	\$300,000	Resurfacing local roads with any remaining bond issue funds (TBD
Funding Source:	Paving Bond	after 2023 project). This is an estimate of what may be available.
Ranking:	TBD	
R23-04		Southfield Road Resurfacing (11 Mile Rd. to 12 Mile Rd.)
Project Year:	2024	
Estimated Cost:	\$750,000	RCOC is resurfacing Southfield Road from 11 to 12 Mile Roads.  The City is responsible for 20% (RCOC raised estimate from
Funding Source:	General Fund / Major Road / DDA / Tri-Party	\$500,000 to \$750,000). Using Tri-Party funding would cost the city \$250,000.
Ranking:	TBD	- city \$250,000.
R23-05		Eastbound 11 Mile Resurfacing (Southfield Road to On-ramp)
Project Year:	2025	
Estimated Cost:	\$400,000	Resurfacing eastbound 11 Mile from Southfield Road to the east
Funding Source:	General Fund / Federal Grant	city limits; Includes a \$213,000 grant (added 20% inflation).
Ranking	TBD	

## Roads

R23-06		Eastbound 11 Mile Rd. Resurfacing (curb replacement)
Project Year:	2025	
Estimated Cost:	\$120,000	Replacement of the entire curb and gutter section from Southfield
Funding Source:	General Fund / Major Road	Road to the on ramp (complete prior to resurfacing).
Ranking:	TBD	
R23-07		Eastbound and Westbound 11 Mile Road Resurfacing
Project Year:	2026	
Estimated Cost:	\$750,000	Resurfacing eastbound 11 Mile from Santa Barbara to Southfield
Funding Source:	General Fund / Major Road	and westbound from Southfield to Evergreen. Estimate a 2 mill and overlay.
Ranking:	TBD	

### Sanitary and Storm Sewer

#### SANITARY SEWER

The Lathrup Village sanitary sewer system consists of approximately 145,000 linear feet (lft) of sewers ranging in size from 8 inches to 24 inches in diameter. Of the 145,000 lft of sewer, the older portion of the system is comprised of approximately 118,900 (82%) of vitrified clay pipe, while the newer portion of the system is comprised of approximately 26,100 (18%) lft of concrete pipe. Constructed in the 1920's as a combined sewer system, the City converted it to a dedicated sanitary sewer system in the 1960's (meaning that storm water and sanitary water are not permitted to mix). It is believed that all residents and businesses within the City are connected to the sanitary sewer and there are no active septic systems. Since the City of Lathrup Village reached its full development capacity, the sanitary sewer system covers the entire city with no need for expansion.

During the construction of I-696, the system was severed and divided into a northern and a southern system that are metered and discharged into the Evergreen Farmington Sewage Disposal System (EFSDS). The sewer system north of I-696 is routed to a 3-million-gallon retention tank which is located at the west end of Sunnybrook, near Evergreen Road north of I-696. This facility is currently receiving significant maintenance and repair in order to safeguard the operation of the system.

Lathrup Village has invested heavily over the past couple of decades in its sanitary sewer system. As a result, the system is in good condition, but it does require maintenance to keep it from degrading. In the fall of 2020, the City invested in having 30,000 linear feet of sewer pipe inspected via closed circuit television. As a result of this process, the assessment of approximately 11,000 linear feet of sanitary sewers will be lined at a cost of \$664,000 through a CIP Bond.

#### Sanitary Retention Tank

Lathrup Village has its own sanitary retention tank that is used to store inflow from the sanitary sewer system when the inflow rate is greater than the rate at which we are permitted to outflow to the Evergreen-Farmington Sewer Disposal System (EFSDS). In the past, there have been instances where the retention tank has filled up and the City was forced to allow the tank to overflow. As a result, the City is under a Consent Decree from the Michigan Department of Environment, Great Lakes and Energy (EGLE). In 2019, the City outsourced the operations and maintenance of the retention tank to the Oakland County Water Resource Commission (OCWRC). The County has notified us that the retention tank requires approximately \$500,000 in maintenance and repairs for safety and upgrades in order to obtain compliance with the Consent Decree.

#### STORM SEWER

Of the four infrastructure categories of public infrastructure (sanitary sewer, storm sewer, roads, and water), the City's storm sewer system has received the least amount of resources and attention in the last decade. Upkeep of ditches, culverts, and drains found in the right-of-way is, by City ordinance, the responsibility of the adjoining property owner.

For many blocks, ditches have not been properly maintained and the culverts have become damaged or have been shifted by the freeze/thaw cycle rendering them unable to perform their function. The result is a storm system that functions at a level below full capacity and leaves standing water in ditches for days following rainstorms. Poor maintenance on culverts have left them slow to drain or impassible, preventing storm water from reaching the proper drains which send water to the Rouge River. The current state of the storm and ditch system impacts the subsurface ground water levels and the volume of flow in the City's sanitary sewer system.

In 2022, the City contracted for the cleaning, televising, and assessment of 50,000 linear feet of storm sewers. There are no new items in this CIP and all previous items are moved ahead.

# Sanitary and Storm Sewer

S23-01		Sanitary Sewers Repairs
Project Year:	2023	
Estimated Cost:	\$664,000	CIPP sewer lining of 11,000 linear feet of deteriorated sanitary
Funding Source:	CIP Bond Issue	sewers located throughout the city north of 11 Mile.
Ranking:	TBD	
S23-02		Retention Tank Upgrades
Project Year:	2022 - 2027	The EFSDS is now a Chapter 20 Drain, entitled "Evergreen-
Estimated Cost:	\$2,080,800	Farmington Sanitary Drain (EFSD). The City's share of the project
Funding Source:	CIP Bond Issue	cost is estimated at \$2,080,800. The annual debt service is
Ranking:	TBD	\$133,477 and extends beyond the years of this CIP.
S23-03		2023-2025 Storm Sewer Improvements
Project Year:	2023	
Estimated Cost:	\$450,000	BUDGET for storm sewer repairs required based on the 2022
Funding Source:	Water / Sewer	Storm Sewer CCTV assessment.
Ranking:	TBD	
SS23-04		Retention Tank Grade Separation / Repairs
Project Year:	2023	
Estimated Cost:	\$858,000	The OCWRC is upgrading the pumps at the retention tank to allow
Funding Source:	CIP Bond Issue	more outflow. Some LV equipment requires repairs / replacement.  This work is part of the City's Amended Consent Order.
Ranking:	TBD	
SS23-05		2023-2025 Manhole Installation
Project Year:	2024	
Estimated Cost:	\$200,000	Install ten (10) sanitary manholes each year at sewer sections with
Funding Source:	CIP Bond Issue	no upper end manhole. Estimate 30 remaining manholes.
Ranking:	TBD	
SS23-06		2025 Sanitary Sewer CCTV
Project Year:	2025	
Estimated Cost:	\$180,000	Clean, televise, and assess approximately 30,000 linear feet of
Funding Source:	Water / Sewer	miscellaneous sanitary sewer sections throughout the city.
Ranking:	TBD	

# Sanitary and Storm Sewer

SS23-07		2026-2028 Sanitary Sewer Improvements
Project Year:	2025	
Estimated Cost:	\$600,000	BUDGET for sanitary sewer repairs required based on the 2025
Funding Source:	Water / Sewer	Sanitary CCTV assessment.
Ranking:	TBD	

Lathrup Village has approximately 31 miles of water main. Of that mileage, 17 miles of water main were installed prior to 1930 with the remaining 24 miles installed prior to 1972. The expected life of a water main is approximately 50 years. Because most of the system has already significantly outlived its useful life, the City experiences a much larger than expected number of costly water main breaks each year.

The City has been addressing this issue on an ongoing basis. In the fall of 2020, the City completed the Santa Barbara water main project, which installed about a mile of new water main to increase pressure and volume to the west side of the City. However, a large portion of the water system still needs to be replaced. As discussed in a prior recommendation, the opportune time to replace water main is simultaneous to road replacement. This dramatically reduces the cost of water main replacement and also eliminates any need to damage existing roadway in order to replace a water main. The residents recently approved a three-year road replacement project and it is recommended that the City replace as much water main as possible during this three-year project. In 2021, the City completed the replacement of 2,000 linear feet of water main along San Rosa and Wiltshire from Southfield to Lathrup.

#### Fire Hydrants.

Lathrup Village has approximately 243 fire hydrants and approximately 60% of those were installed prior to 1930. The City estimates that 120 hydrants need to be replaced or refurbished in order to provide optimal functionality should their use be required to extinguish a fire. It is estimated that 60 hydrants will need to be replaced and 60 will be able to be refurbished. The estimated cost per hydrant is \$4,540. This equates to a total project cost of \$545,000. Completing this project (along with water main improvements) will help to improve safety and ultimately improve the City's fire rating, which should result in lower insurance rates for businesses and residents.

#### Water Main Gate Valves.

Gate valves are used to provide isolation capability for water mains. When water mains require maintenance or repair, a gate valve can be closed to shut off the water supply to the water main in question. Lathrup Village has over 300 gate valves of which 60% were installed prior to 1930. Due to their age, a large number of these gate valves no longer function. This is a huge problem, especially because of the large number of water main breaks the City experiences every year. In many instances, when a water main breaks, the contractor cannot shut off the water upstream because of a non-functioning gate valve. This means the repair must be done under pressure, which results in added expense for the repair, additional time that residents are without water, excessive water loss for which the City is liable, and safety risk for the water department staff. The City Engineer estimates that 162 gate valves require replacement. The cost of each replacement is estimated to be \$5,925, which equates to \$960,000 for the entire project. The 2021 CIP had plans to replace 54 gate valves per year for the next three years.

Distribution Service material Inventory (DSMI) and Lead\Galvanized Water Service Abatement.

In response to the Flint water crisis, the State of Michigan adopted a variety of new regulations related to lead in the water system. As a result of these regulations, by 2025, the City is required to identify the material of all water service pipes leading into all homes and businesses in the City. Any service line that consists of lead or galvanized steel is required to be replaced with the cost born completely by the City. Starting in 2021, the City must replace a minimum of 5% of its lead/galvanized service lines each year for the next 20 years.

#### Lead and Copper Exterior Identification.

Service line material verification is required at both the water stop box (usually by the sidewalk in front of each home) and where the water service physically enters the home/business. The City has already launched a self-identification campaign for residents to identify the material inside their homes and businesses. Identifying the material at the stop box is a significantly more intensive process. It requires digging five feet down on both sides of the stop box and visually inspecting the pipes leading to and going from the stop box for 18 inches on each side. The estimated cost for each stop box identification is \$650. This estimate includes repairing the sidewalk when it is damaged during the identification process. In addition, most of the stop boxes in the City are over 75 years old and do not function well or at all. Because most of the work to replace the stop box will already be completed in the identification process, it is the opportune time to replace these old and failing devices. The additional cost to replace each stop box is \$75, bringing the total cost to \$725 per water service line. It is estimated that there will be 1,600 services to be verified and are anticipating conducting 500 verifications per year starting in 2021. Based on these numbers, the estimate to complete this project is \$1.16M. The City received nearly \$232,000 in grant money from EGLE for this project.

In addition, the City will be required to replace the lead and galvanized lines that are identified via the aforementioned methods. The cost of this abatement is estimated to run about \$4,500 to \$5,000 per line. While there is no way to accurately estimate how many lead and galvanized lines there are in the City, it does initially appear to be relatively low. The CIP is budgeting approximately \$500,000 to be utilized for this abatement.

#### Water Loss and Water Meters.

Over the last five to ten years, the City has had larger than expected water losses. Lathrup Village purchases its water from Southeast Oakland County Water Authority (SOCWA), who meters the volume that the entire City uses. The City, in turn, bills residents and businesses based upon their individual metered usage. The discrepancy between these two meter readings has grown to 40%. This means the City is footing the bill for 40% of the City's water usage without reimbursement totaling a loss of over a quarter million dollars each year. While water loss is expected due to a variety of conditions (water main breaks, fire hydrant flushing, etc.), the rate should typically be closer to 20%. SOCWA has verified its meters are working correctly and the City has not found any significant areas of continued water loss outside of normal loss channels. The City found a leak in the high school athletic fields and identified commercial properties that were not properly metered. Since resolving these issues, the City's water loss has been less than 5% for the past 3 months.

W23-01		Lead and Copper Exterior Excavation
Project Year:	2022	
Estimated Cost:	\$232,000	Excavate 315 water services to verify material on each side of
Funding Source:	EGLE DWAM Grant	stop box.
Ranking:	TBD	
W23-02		Lead & Copper Service Abatement
Project Year:	2023	
Estimated Cost:	\$400,000	Budget for lead or galvanized service abatement (estimated 15
Funding Source:	CIP Bond	services per year). Confirm after internal inspections.
Ranking:	TBD	
W23-03		Lead & Copper Interior Inspections*
Project Year:	2023	Communities across the state are required to identify the interior
Estimated Cost:	\$50,000	water service lines by 2025. While the City has made some
Funding Source:	CIP Bond Issue	progress, the City will contract to have the interior inspections
Ranking:	TBD	done.
W23-04		Fire Hydrants Replacement / Refurbish
Project Year:	2023	
Estimated Cost:	\$429,000	Phase II and III of replacing or refurbishing 40 hydrants per year
Funding Source:	CIP Bond	at \$4,600 each.
Ranking:	TBD	
W23-05		Gate Valve Replacement
Project Year:	2023	
Estimated Cost:	\$924,000	The City's gate valves are very old and do not close correctly.
Funding Source:	CIP Bond	Phase II and III or replacing or refurbishing 54 gate valves per year, at \$6,000 each (actual cost has been less).
Ranking:	TBD	at \$0,000 cach (actual cost has been less).
W23-06		Lead and Copper Exterior Excavations (stop boxes)
Project Year:	2023	
Estimated Cost:	\$28,000	Replace 315 stop box shut-offs concurrently with the excavations
Funding Source:	CIP Bond	(EGLE grant will not reimburse for material).
Ranking:	TBD	

W23-07		2023 Water Main Replacement
Project Year:	2023	
Estimated Cost:	\$434,000	Replace approximately 1,625 linear feet of water main on
Funding Source:	Water / Sewer	Glenwood (Santa Barbara to Sunset) and Bloomfield (Lacro to Sunset).
Ranking:	TBD	to surject).
W23-08	<u> </u>	Residential Water Meter Telemetry
Project Year:	2023	
Estimated Cost:	\$120,000	Install upgraded telemetry and software for reading residential
Funding Source:	CIP Bond Issue	water meters.
Ranking:	TBD	
W23-09		2023 Water Main Replacement*
Project Year:	2023	
Estimated Cost:	\$687,000	Replace approximately 1,300 linear feet of water main on San
Funding Source:	Water / Sewer	Diego (Rackham to Bloomfield).
Ranking:	TBD	
W23-10		2023 Water Main Replacement
Project Year:	2023	
Estimated Cost:	\$475,000	Replace approximately 1,900 linear feet of water main on Lincoln
Funding Source:	Water / Sewer	east (Southfield to east city limits).
Ranking:	TBD	
W23-11		2026 Water Main Replacement
Project Year:	2026	
Estimated Cost:	\$137,500	Replace approximately 500 linear feet of water main on Lathrup
Funding Source:	Water / Sewer	(11 Mile to Coral Gables).
Ranking:	TBD	
W23-12		2027 Water Main Replacement (Ph. I)*
Project Year:	2027	
Estimated Cost:	\$440,000	
Funding Source:	Water / Sewer	
Ranking:	TBD	
W23-13		2028 Water Main Replacement (Ph. II)*
Project Year:	2028	
Estimated Cost:	\$440,000	Davida e 1 705 vacidantial / husing a sastant
Funding Source:	Water / Sewer	Replace 1,785 residential / business meters.
Ranking:	TBD	

W23-14		2029 Water Main Replacement*
Project Year:	2029	
Estimated Cost:	\$810,000	
Funding Source:	Water / Sewer	
Ranking:	TBD	
W23-15		2030 Water Main Replacement*
Project Year:	2030	
Estimated Cost:	\$390,000	
Funding Source:	Water / Sewer	
Ranking:	TBD	
W23-16		Water Main Replacement (31-32)*
Project Year:	2031	
Estimated Cost:	\$500,000	7
Funding Source:	Water / Sewer	7
Ranking:	TBD	

### Sidewalks

This was a new category for the 2022-2027 CIP; a previous project phase was included under "Roads" in 2021. This project includes phases 2 and 3.

SW23-01		Sidewalk Repair Program
Project Year:	2023	
Estimated Cost:	\$50,000	Phase III - Budget to replace deteriorated sidewalk flags on the east
Funding Source:	General Fund	side of Southfield (11-12 Mile Roads). City cost is tree roots and ADA ramps.
Ranking:	TBD	, 10-7114.11.ps.



