

City of Muskegon Heights 6-Year Capital Improvement Plan 2021-2027

Local Roads

Item	Approx. Item Age (yrs)	Approx. Item Value	Fiscal Year to Replace	Estimated Replacement Cost	Comments	2021	2022	2023	2024	2025	2026	2027
7th STREET - Oakwood to Summit Ave	2018		2030	400000								400000
8th STREET - Oakwood to Summit Ave	2018		2030	400000								400000
LEAHY STREET - Sherman Blvd to Barney Ave	2018		2030	425000								425000
Chip Seal Local Streets			2021	10000	Locations to be determined.	10000						
Chip Seal Local Streets			2022	12000	Locations to be determined.		12000					
Chip Seal Local Streets			2023	12000	Locations to be determined.			12000				
Chip Seal Local Streets			2024	12000	Locations to be determined.				12000			
Chip Seal Local Streets			2025	12000	Locations to be determined.					12000		
Chip Seal Local Streets			2026	12000	Locations to be determined.						12000	
Chip Seal Local Streets			2027	12000	Locations to be determined.							12000
CRACK SEAL 7th STREET - Oakwood to Summit Ave			2020	2000	CRACK SEAL	2,000						
CRACK SEAL 8th STREET - Oakwood to Summit Ave			2020	2000	CRACK SEAL	2,000						
CRACK SEAL LEAHY STREET - Sherman Blvd to Barney Ave			2020	2000	CRACK SEAL	2,000						
Street mill and fill			2021		Locations to be determined.	25,000						
Street mill and fill			2022		Locations to be determined.		25,000					
Street mill and fill			2023		Locations to be determined.			25,000				
Street mill and fill			2024		Locations to be determined.				25,000			
emp		bmp	length, mi	length, ft		sy						est cost \$50/sy
	0.508		0.192	0.316		1668.48						6673.92 \$ 333,696.00
	0.509		0.192	0.317		1673.76						6695.04 \$ 334,752.00
	0.472		0.091	0.381		2011.68						8046.72 \$ 402,336.00

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DPW Office

Item	Approx. Item Age (yrs)	Fiscal Year to Replace	Estimated Replacement Cost	Comments	2021	2022	2023	2024	2025	2026	2027
Desk	20	2021	2200		2200						
Desk	20	2021	650		650						
Desk	20	2021	900		900						
Typewriter	15	2021	450		450						
Round table	20	2022	200			200					
Office chair	20	2022	200			200					
Office chair	20	2021	300	DPW Building	300						
small cabinets	20	2021	300	DPW Building	300						
small cabinets	20	2021	300	DPW Building	300						
small cabinets	20	2021	300	DPW Building	300						
small cabinets	20	2021	300	DPW Building	300						
HP Office Jet Copy Machine	1	2021	200	DPW Building	200						
Computer workstation, Foreman	3	2022	1500	DPW Building		1,500					
Computer Workstation, Secretary	3	2022	1500	DPW Building		1,500					
Color copier, printer, scanner	5	2022	200	DPW Building		200					
File cabinets (4)	25	2022	400	Cemetery Office		400					
Office desk (2)	20	2021	600	Cemetery Office	600						
Office chairs (3)	20	2023	300	Cemetery Office			300				
Sofa	20	2021	1000	Cemetery Office	1,000						
Copier, scanner, fax	8	2021	200	Cemetery Office	200						

City of Muskegon Heights 6-Year Capital Improvement Plan Department Inventory

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DPW Building

Item	Approx. Item Age (yrs)	Fiscal Year to Replace	Estimated Replacement Cost	Comments	2021	2022	2023	2024	2025	2026	2027
Jacobson 5111 mower	20	2021	50000		50000						
Jacobson 5111 mower	20	2021	50000		50000						
Hot box paving hauler	24	2021	6000		6000						
Tandem axle trailer	15	2021	6500		6500						
Single axle trailer	15	2021	2000		2000						
Single axle trailer	15	2021	1800		1800						
Asphalt roller	N/A	2021	35000		35000						
18" chain saw	12	2021	1100		1100						
24" chain saw	12	2021	1200		1200						
1999 Kubota mini backhoe	21	2021	45000		45000						
Paint machine (line marker)	12	2021	4500		4500						
Power saw	12	2021	200		200						
10' step ladder	25	2021	250		250						
Arrow board	20	2021	22000		22000						
Portable air compressor	15	2021	6000		6000						
Hot box paving hauler 2013	4	2023	6000				6000				
Flail mower deck	20	2025	2500						2500		
Plow truck front blade	25	2022	2500			2500					
Front Vee plow for dump truck	20	2026	2500						2500		
2001 Chevrolet Silverado 1 ton with plow	19	2023	30,000				30000				
2001 Dodge 1 ton with front blade plow	19	2024	30000					30000			
2000 GMC Dump with underbody	20	2025									
1991 International dump with underbody	29	2026	40000							40000	
1983 Ford Dump with underbody	37	2021	40000		40000						
1999 Ford F250 with front plow blade	21	2024	28000					28000			
1985 Case loader	35	2022	35000						35000		
1973 John Deere grader	47	2026	50000							50000	
2000 Elgin Crosswind Sweeper	20	2027	30000								30000
1988 Elgin Pelican sweeper	32	2027	25000								25000
1999 Ford F250 Super Duty	21	2024	25000					25000			
2007 Trackless	13	2027	15000								15000
1989 Ford F350	31	2027	20000	Schedule for disposal in 2020							20000
1995 Chevrolet 3500 HD	25	2021	20000	Schedule for disposal in 2020	20000						
1985 Ford F350	35	2021	20000	Schedule for disposal in 2021	20000						
1998 Chevrolet Malibu	19	2022	20000	Schedule for disposal in 2022		20000					
Push leaf blower units (6)	15	2024	800					800			
Push snow blower	15	2027	1000								1000
Push mower	8	2027	400								400
Air compressor	25	2026	4500							4500	
Radial Arm Saw	20	2026	600							600	
Table saw, 10"	20	2026	800							800	
Drill Press	20	2026	800							800	
Fuel tank system, pumps & tanks included	20	2024	300000					30000			

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Sewer							2021	2022	2023	2024	2025	2026	2027
Item	Approx. Item Age (yrs)	Fiscal Year to Replace	Estimated Replacement Cost	Comments									
Schonstedt metal detector	7	2021	750	Vactor truck	750								
Schonstedt metal detector	7	2021	750	Truck 85	750								
Vactor truck	11	2021	260000	sewer cleaning truck	260000								
Truck 85	12	2021	45000	1 T chassis with 2 CYD dump box	45000								
sewer easement cleaning machine		2021	7500		7500								
John Deere Backhoe	2	2022	30000	multi year lease; cost split between water distriution, sewer, and filtration	30000								
Air Compressor unit	15	2021	15000	Sullair brand. Cost split with Water Department.	15000								
Manhole/Basin Casting Replacement Program	25	2021	7000	Replace 10 castings per year, avg. of \$700 per casting.	7000								
Manhole/Basin Casting Replacement Program	25	2021	7000	Replace 10 castings per year, avg. of \$700 per casting.	7000								
Manhole/Basin Casting Replacement Program	25	2021	7000	Replace 10 castings per year, avg. of \$700 per casting.	7000								
Manhole/Basin Casting Replacement Program	25	2021	7000	Replace 10 castings per year, avg. of \$700 per casting.	7000								
Manhole/Basin Casting Replacement Program	25	2022	7000	Replace 10 castings per year, avg. of \$700 per casting.			7000						
Manhole/Basin Casting Replacement Program	25	2023	7000	Replace 10 castings per year, avg. of \$700 per casting.				7000					
Sullair air compressor		2025	15000	Split between water and sewer accounts. <400 hours on machine as of 03/01/2017.	5000					15000			
Replacement water meters	15	2021	5000	Set aside for purchasing replacement water meters, split with sewer.	5000								
Replacement water meters	15	2021	5000	Set aside for purchasing replacement water meters, split with sewer.	5000								
Replacement water meters	15	2022	5000	Set aside for purchasing replacement water meters, split with sewer.			5000						
Replacement water meters	15	2021	5000	Set aside for purchasing replacement water meters, split with sewer.	5000								
Replacement water meters	15	2022	5000	Set aside for purchasing replacement water meters, split with sewer.			5000						
Replacement water meters	15	2023	5000	Set aside for purchasing replacement water meters, split with sewer.				5000					
Touch read Meter reader	1	2021	600										
Sewer line root cutter	3	2021	650		600								
10" cleaning nozzle	7	2021	1400		1400								
8" Sewer cleaning nozzle	2	2021	900		900								
600 lft jetter hose	3	2021	1700		1700								
10" Penetrator nozzle	6	2022	2000				2000						
Commercial Computer	2016	2021	1000	Split between water and sewer accounts.	1000								
Desks: \$300	25	2022	300	Split between water and sewer accounts.			300						
Office Chair: \$150	25	2023	450	Split between water and sewer accounts.				450					
Guest Chairs: \$80	25	2023	80	Split between water and sewer accounts.				80					
Light Fixtures: \$500 apiece installed	25	2024	1000	Split between water and sewer accounts.						1000			
Desktop Printer/Scanner: \$200	2016	2024	200	Split between water and sewer accounts.						200			
Cement mixer	20	2024	1500	Split between water and sewer accounts.						1500			

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Water Billing

Item	Approx. Item Age (yrs)	Approx. Item Value	Fiscal Year to Replace	Estimated Replacement Cost	Comments	2021	2022	2023	2024	2025	2026	2027
Computer workstation	6	750	2021	1500	used for meter reading interfacing	1500						
Computer work stations	4	750	2021	1500	Water billing clerk	1500						
Computer work stations	4	750	2021	1500	Water Billing Clerk	1500						
Computer work stations	4	750	2021	1500	Directors office	1500						
Desk	20	250	2021	1700		1700						
Book case	25	50	2021	250		250						
Printer	15	50	2021	400		400						
Copier	10	85	2021	400		400						
Desk	20	75	2021	900		900						
Desk	20	75	2021	900		900						
File Cabinets (5)	23	100	2021	1200		1200						
File Cabinet	29	100	2021	1200		1200						
Copier Stand	10	15	2021	150		150						
Chair	25	25	2021	500		500						
File Cabinet	25	100	2021	1200		1200						
File Cabinet	16	100	2021	1200		1200						
Desk	20	75	2021	1000		1000						
Chair	10	25	2021	500		500						
Chair	10	25	2021	500		500						
Table	20	10	2021	300		300						
Table	20	10	2021	300		300						
File cabinet	28	100	2021	750		750						
File cabinet	28	100	2021	1200		1200						
File cabinet	28	100	2021	400		400						
Shelves	15	20	2021	550		550						
desk	20	50	2021	350		350						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	400		400						
File cabinet	20	100	2021	1500		1500						

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DPW Parks							2021	2022	2023	2024	2025	2026	2027
Item	Approx. Item Age (yrs)	Approx. Item Value	Fiscal Year to Replace	Estimated Replacement Cost	Comments	2021	2022	2023	2024	2025	2026	2027	
30" drill press	20		2021	1000		1000							
10" table saw	20		2021	800		800							
60" round tables	25		2024	800					800				
8' table	25		2024	400					400				
Large map file	25		2024	1000					1000				
Large flat file	25		2024	1000					1000				
Wood engraving machine	26		2025	1000						1000			

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Assessor							2021	2022	2023	2024	2025	2026	2027
Item	Approx. Item Age (yrs)	Approx. Item Value	Fiscal Year to Replace	Estimated Replacement Cost	Comments	2021	2022	2023	2024	2025	2026	2027	
Desk	20	75	2021	1000		1000							
Chair	10	25	2021	425		425							
File Cabinet	25	100	2021	275		275							
Chair	15	20	2021	500		500							
Chair	15	75	2021	500		500							
Desk	20	75	2021	1000		1000							
Computer	5	300	2021	1500		1500							