

City of Medford Capital Improvements Plan (CIP), FY2023-2028

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DEPT.	Project Title	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total	Funding Source(s)
CLRK	Polling Pads	46,200						46,200	ARPA
CLRK	Voting Booth Upgrade	57,697						57,697	ARPA
DEI	ADA-compliant wayfinding signage for City Hall		75,000					75,000	Free Cash
DPW	7 Acre Development	50,000	100,000	3,000,000	5,000,000			8,150,000	CPA, seek state earmark
DPW	ARPA Stumps - 100K	100,000						100,000	State ARPA funds
DPW	Caretakers Building Renovation Project (2+ phases)	50,000	200,000					250,000	CPA, Perpetual Care
DPW	CDBG Stumps - 250k	250,000						250,000	CDBG
DPW	Peace Garden Repairs and Upgrade	68,000						68,000	ARPA
DPW	Field Refurbishment Contract	60,000	60,000	60,000	60,000	60,000	60,000	360,000	Parks Linkage
DPW	Oak Grove Cemetery Water Main and Roadway Improvements		150,000	3,000,000				3,150,000	CPA, Perpetual Care
DPW	Jet Truck on Freightliner M2		360,000					360,000	EF Debt
DPW	Shooring Equipment	30,000				30,000		60,000	EF PayGo
DPW	3/4 Ton Utility Body Truck w/plow	66,000		66,000	66,000	66,000	66,000	330,000	EF PayGo
DPW	Enclosed 7x12 Trailer	10,000						10,000	EF PayGo
DPW	Triaxle Dump Truck				220,000			220,000	EF PayGo
DPW	Hydrant Flushing Program	90,000	90,000	90,000	90,000	90,000	90,000	540,000	EF PayGo
DPW	Water Main Cleaning [pigging]	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	EF PayGo
DPW	On-Call CCTV/video inspection Contract	50,000	50,000	50,000	50,000	50,000	50,000	300,000	EF PayGo
DPW	Short-lining on-call contractor	80,000	80,000	80,000	80,000	80,000	80,000	480,000	EF PayGo
DPW	Lead Service Inventory Assistance	75,000	75,000					150,000	EF PayGo
DPW	Restoration of WWI Memorial	400,000						400,000	CPA
DPW	Royall Park Pillar Fence Restoration			131,000				131,000	CPA
DPW	Security Camera Server Upgrade - Asset Security	10,600						10,600	Free Cash
DPW	Billy goat leaf vacuum & Aluminum Leaf box fo dump truck - ops need	25,000						25,000	Free Cash
DPW	Displaced Grave Soil Disposal - new lawn space needed, routine	250,000		250,000				500,000	Free Cash
DPW	Rock Hill Street Wall evaluation			100,000				100,000	Free Cash
DPW	3/4 Ton Pickup Truck with liftgate - Routine		60,000					60,000	Free Cash
DPW	Trailer Stump Grinder - Ops need			60,000				60,000	Free Cash
DPW	DPW/Engineering - Office Renovations - staff comfort				50,000			50,000	Free Cash
DPW	1 ton Dump Truck w/plow - Routine	80,000	80,000		80,000	160,000	80,000	480,000	Free Cash
DPW	8" Walk Behind Scarifier (similar to EDCO CPM-8) - New Initiative	10,000						10,000	Free Cash
DPW	Open bed, Pavement Ops Trailer - New Initiative	10,000						10,000	Free Cash
DPW	A/C System for Shop Area - Staff comfort & Health	24,000						24,000	Free Cash
DPW	Toro Groundmaster 3 wing mower - Ops improvement		125,000					125,000	Free Cash
DPW	3/4 Ton Utiliy Body Truck w/plow - Routine		66,000		66,000		135,000	267,000	Free Cash
DPW	Bobcat broom attachment - ops need	10,000						10,000	Free Cash
DPW	City Paid Stumps- 250K		250,000			250,000		500,000	GF Debt

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DPW	John Deere 324 HL Loader		275,000					275,000	GF Debt
DPW	three (3) Freighliner 4wd Dump w/sander & plow			175,000	175,000	175,000		525,000	GF Debt
DPW	Snowblower attachment for Loader			175,000				175,000	GF Debt
DPW	Leeboy Asphalt Spreader		180,000					180,000	GF Debt
DPW	Asphalt Grinder		100,000					100,000	GF Debt
DPW	Roadway Asphalt Maintanance		500,000	500,000	500,000	500,000	500,000	2,500,000	GF Debt
DPW	Sidewalk Repair		500,000	500,000	500,000	500,000	500,000	2,500,000	GF Debt
DPW	Enclosed Trailer 7x14		10,000					10,000	GF Debt
DPW	John Deere 315 hl Backhoe			125,000			125,000	250,000	GF Debt
DPW	Salem Street Burial Ground Wall Restoration		120,000					120,000	CPA
DPW	Service Building Renovation Project (2+ phases)	50,000	250,000	250,000				550,000	CPA, Perpetual Care
DPW	Tufts Park Basketball Court Surface Restoration		200,000					200,000	CPA, Linkage
ENG	CS11: George Street Corridor		84,000					84,000	Complete Streets
ENG	CS12: Main Street at South Street		90,000					90,000	Complete Streets
ENG	CS13: Main Street at Harvard Street			60,000				60,000	Complete Streets
ENG	CS16: Winthrop Street at Victory Park			30,000				30,000	Eversource, Complete Streets
ENG	CS17: Canal Street at Prescott Street			68,000				68,000	Complete Streets
ENG	Riverside Avenue Resurfacing + sharrows						161,000	161,000	Chp 90
ENG	Freedom Way Rebuild, Section 1						60,000	60,000	Chp 90
ENG	CS9: Main Street at Frederick Avenue/Hancock Street		35,000					35,000	Complete Streets
ENG	Wrights Pond Dam		250,000					250,000	ARPA
ENG	Stormwater BMP at South and Winthrop		75,000					75,000	ARPA
ENG	Main Street corridor Transportation & Safety Improvement Project (TSIP)		80,000					80,000	ARPA
ENG	City-wide Water System Model and Analysis		200,000					200,000	ARPA
ENG	Brookings Street Resurfacing		169,100					169,100	ARPA
ENG	New Plotters	45,000						45,000	ARPA
ENG	Bowen Avenue Drainage Improvements		80,000	170,000				250,000	ARPA
ENG	Various Roadway Patching Projects	500,000						500,000	ARPA
ENG	Tainter Street Resurfacing			147,620				147,620	ARPA
ENG	Vassar Street Sewer Replacement			40,000				40,000	ARPA
ENG	I/I Control Plan 1	600,000						600,000	ARPA
ENG	IICP - Test and Seal			200,000				200,000	ARPA
ENG	Engineering studies for flooding issues / Localized flooding mitigation assessment	118,410						118,410	ARPA
ENG	Fulton Springs at Fern		30,000					30,000	ARPA
ENG	Bracket at Elm			50,000				50,000	ARPA
ENG	EP#60 – Spring Street @ Central Ave – Intersection Improvements Project	450,000						450,000	ARPA

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ENG	CS14: Playstead Road at Irving Street		18,000					18,000	ARPA
ENG	CS19: Playstead Road at Winthrop Street			108,000				108,000	ARPA
ENG	CS20: Main Street at Stearns Avenue			36,000				36,000	ARPA
ENG	Tesla Avenue Resurfacing	196,000						196,000	ARPA
ENG	Surrey Street Resurfacing			158,600				158,600	ARPA
ENG	Tesla Avenue Water Main Replacement	156,640						156,640	ARPA
ENG	Fund potential construction costs for Localized Flooding		100,000	100,000				200,000	ARPA
ENG	Sewer System lining, Sealing, and Testing	121,100						121,100	ARPA
ENG	SSES Investigations for James St./Swan St. and Golden Ave area	181,700						181,700	ARPA
ENG	DPW Water Meter System Project	700,000						700,000	ARPA
ENG	Commercial Street Resurfacing					182,600		182,600	Chp 90
ENG	Metcalf and Walnut Resurfacing + Traffic Calming						233,000	233,000	Chp 90
ENG	Union Street Resurfacing + Traffic paint						70,760	70,760	Chp 90
ENG	Winthrop Street Resurfacing					150,000		150,000	Chp 90
ENG	Pitcher/Lakeview Recondition			353,502				353,502	Chp 90
ENG	Riverside Ave. at Freedom Way (Proposed Traffic Signal and Raised Intersection)				500,000	500,000		1,000,000	Chp 90
ENG	Main Street Resurfacing + traffic calming, Section 2			383,460				383,460	Chp 90
ENG	Main Street Resurfacing + traffic calming, Section 4						378,480	378,480	Chp 90
ENG	Kilgore Avenue Resurfacing + Traffic Calming					175,000	102,480	277,480	Chp 90
ENG	Woodruff/Henley Resurfacing				350,000			350,000	Chp 90
ENG	Gourley/Dwyer Resurfacing + Sharrows		450,000					450,000	Chp 90
ENG	Central Avenue Resurfacing + Traffic Calming				251,300			251,300	Chp 90
ENG	Park Street Resurfacing			231,200				231,200	Chp 90
ENG	Pinkert Street Full Rebuild	980,000	915,000					1,895,000	ARPA (980k), Chp 90 (915k)
ENG	Min P Rehab		700,000					700,000	EF Debt
ENG	Golden Avenue Water Main Replacement					323,400		323,400	EF Debt
ENG	Lawrence Rd at Governor's Ave - Infiltration System						220,000	220,000	EF Debt
ENG	Metcalf Street Water Main Replacement					159,720		159,720	EF Debt
ENG	Walnut Street Water Main Replacement			185,460				185,460	EF Debt
ENG	Winthrop Street Water Main Replacement				259,600			259,600	EF Debt
ENG	Capen Street Water Main Replacement			453,200				453,200	EF Debt
ENG	Surrey Street Water Main Replacement				350,000			350,000	EF Debt
ENG	McCall Street Water Main Replacement						208,000	208,000	EF Debt
ENG	Horne Avenue Sewer Main Replacement			159,000				159,000	EF PayGo
ENG	Elm at Bracket Sewer Improvement			25,000				25,000	EF PayGo

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ENG	Small Sewer Projects			60,000				60,000	EF PayGo
ENG	Union Street Water Main Replacement		110,000					110,000	EF PayGo
ENG	Guild Street Water Main Replacement	129,800						129,800	EF PayGo
ENG	Vista Avenue Water Main Replacement (missing resurfacing project?)				178,800			178,800	EF PayGo
ENG	Flusher Removal Project	50,000						50,000	EF PayGo
ENG	Kilgore Avenue Water Main Replacement			20,000	200,400			220,400	EF PayGo
ENG	Doonan Street Pumping Stations Rehab		5,000	50,000				55,000	EF PayGo
ENG	Warren Street 6" to 8" watermain Replacement					80,000		80,000	EF PayGo
ENG	Usher Road 6" to 8" watermain Replacement					80,000		80,000	EF PayGo
ENG	Flood Mitigation - Fern Road					197,000	196,900	393,900	Free Cash
ENG	Upton Terrace Recondition		49,873					49,873	Free Cash
ENG	Warren Street Roadway Rehab							-	Free Cash
ENG	Grover Rd - Headwall and Outfall Reconstruction					140,000		140,000	Free Cash
ENG	Flood Mitigation - Cedar Road N				335,000		610,000	945,000	GF Debt
ENG	Flood Mitigation - Bowen & Golden Avenues				280,000		510,000	790,000	GF Debt
ENG	Tufts Park / Morton Ave - Green Infrastructure		45,000	340,000				385,000	MVP grant, earmark?
ENG	W streets CMP culvert replacement downstream of Victory Park		110,000	575,000				685,000	MVP grant, earmark?
ENG	Winthrop Street Rotary Improvements	80,000						80,000	Eve+B156:J218source
FD	Fire House Alerting System Zetron MAX system and install a fiber optic network	338,527						338,527	ARPA
FD	E3 Floor Slab replacement	450,000						450,000	CDBG
FD	Replace / Purchase Turnout Gear already expired	95,000						95,000	Free Cash
FD	Add second natural gas boiler at Fire HQ		100,000					100,000	Free Cash
FD	1/2 fire truck lease payment		143,218	143,218	143,218			429,655	Free Cash
FD	Replace / Purchase Turnout Gear that will expire	340,460	100,000					440,460	Free Cash
FD	Pumper Apparatus Replacement			1,000,000	1,000,000	1,000,000		3,000,000	GF Debt
FD	Feasibility study (Yr 1), planning and design for Fire HQ, stations, and training facility (support Comm work)		150,000	850,000		20,000,000		21,000,000	GF Debt
FIN	Multi-Language Kiosk Payment System	34,995						34,995	ARPA
IT	Fiber Optic Municipal Building connectivity station to station	170,825						170,825	ARPA
IT	Network wiring, cabling and wifi at City Hall		130,000	195,000				325,000	Free Cash
IT	Replace City staff PCs				100,000	100,000	100,000	300,000	Free Cash
IT	Data Recovery & Disaster Recovery solution				42,000			42,000	Free Cash
IT	Ongoing Cybersecurity Improvements				195,000	195,000		390,000	Free Cash
IT	Replacing virtual infrastructure at City Hall data center		475,000					475,000	GF Debt
PD	Hybrid police cruisers	175,000	125,000		130,000		135,000	565,000	ARPA (175k), remaining Free Cash
PD	Unmarked hybrid/electric vehicles		90,000		90,000	95,000	100,000	375,000	Free Cash
PDS	Brooks Park & Slave Wall Master Plan	25,000						25,000	CPA

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DEPT.	Project Title	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Total	Funding Source(s)
PDS	Complete comprehensive plan	200,000						200,000	CDBG
PDS	Enhance Capen Park	81,900			640,000			721,900	CPA, Linkage, PARC, LWCF, PDS Budget (\$6,900), GF Debt (640k)
PDS	Enhance Cummings Park			530,000				530,000	CPA, Linkage, PARC, LWCF
PDS	Enhance Hickey Park - Tennis and Basketball Courts Reno	32,372	187,000					219,372	ARPA (32k), CPA (187k)
PDS	Enhance Wright's Pond	350,000						350,000	State earmark (\$350K)
PDS	Full Rehab of Barry Park					1,500,000		1,500,000	GF Debt (950k), CPA (EDF stage), Linkage, PARC, LWCF, CDBG
PDS	Full Rehab of Carr Park	3,660,000	2,500,000	148,000	992,000			7,300,000	CPA, PARC, LWCF, NEMBA, Federal earmark, ARPA (3.6M), GF Debt (992k)
PDS	Full Rehab of Playstead Park			550,000			3,450,000	4,000,000	GF Debt (3.45M), CPA, Linkage, PARC, LWCF
PDS	Full Rehab of Tufts Park			550,000		2,350,000		2,900,000	CPA, Linkage, PARC, LWCF, CDBG, GF Debt (2.35M)
PDS	Gillis Accessibility Renovation	320,000	1,000,000					1,320,000	ARPA (500k), Linkage (120k), CDBG (300k), CPA, PARC, LWCF, NEMBA, Federal earmark
PDS	Hickey Park Canopy Gathering Area Project	5,000						5,000	CPA
PDS	Implement Brooks Park Master Plan - Phase 1A - Archeological Dig	380,000						380,000	CPA, "in kind volunteer labor"
PDS	Implement Wellington Greenway Phase IV	1,195,000						1,195,000	Gaming Commission grant received \$530k; private funding received \$250k; Federal earmark \$500k
PDS	Improve HVAC System for Chevalier Theater	300,000						300,000	CPA
PDS	Install Bocce Court	54,909						54,909	CPA
PDS	Install solar PV and battery energy storage system at the Andrews Middle School		1,259,000					1,259,000	Community Clean Energy Resiliency Initiative grant, Peak Demand Management grant
PDS	Logan Park Improvements	150,000						150,000	CDBG
PDS	Morrison Park Tot Lot Improvements	423,000						423,000	CDBG
PDS	Oak Grove Cemetery Master Plan	700,000						700,000	CPA, Linkage, PARC, LWCF, CDBG
PDS	Renovate & Improve Brooks Estate	5,700,000						5,700,000	CPA, Linkage, LAND, PARC, LWCF, CDBG, RTGP
PDS	Renovate Condon Shell	111,712						111,712	CPA
PDS	Repairs to Chevalier Theater facade	150,000						150,000	Casino Cultural Funds & Cultural Facilities Fund grants, earmarks
PDS	Replace balcony seats at Chevalier Theater		200,000		200,000		200,000	600,000	Cultural Facilities Fund
PDS	Restoration of East Side at Brooks Estate	100,000						100,000	CPA

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PDS	Restoration Phase III of Grove Street Wall	35,000						35,000	CPA, MBELT, Inc. (\$5,000)
PDS	Upgrade field lighting at Playstead Park					1,200,000		1,200,000	GF Debt
PDS	Study for CPA Grant Program for Historic Resources		10,000					10,000	CPA
PDS	Upgrade fire panel at Chevalier Theater	39,000						39,000	CPA
PDS	Upgrade lighting at Hormel Stadium	350,000						350,000	utility incentives
PDS	Upgrades at Chevalier Theater		54,000					54,000	CPA
PRK	Parking Meters Upgrades - Medford Square	306,995						306,995	ARPA
PRK	Parking Meter Upgrades Other Than Medford Square	399,695						399,695	ARPA
REC	McGlynn playground design	112,920						112,920	ARPA
REC	Tufts Pool Deck	246,000						246,000	ARPA
REC	Van share - Recreation and COA	115,000						115,000	ARPA
REC	Install a waterslide in the Main Pool at Tufts					42,000		42,000	CPA
REC	Install shade and structure for Tufts Pool		108,000					108,000	CPA
REC	Purchase new ice resurfacers		175,000					175,000	state earmark
REC	Repair concrete deck and install play mushroom at Tufts swimming pool	268,000						268,000	CPA
REC	Re-slope the Main Pool at Tufts		108,000					108,000	CPA
REC	Replace furniture at Rec Center		25,000					25,000	Free Cash
REC	Upgrade electrical at Gene Mack Gym			750,000				750,000	fed earmark/infrastructure bill?
REC	Upgrade HVAC at Gene Mack Gym			500,000				500,000	fed earmark/infrastructure bill?
SCH	Student Water Filling Stations Installation	50,430						50,430	ARPA
SCH	Community Memorial Garden MPS	7,947						7,947	ARPA
SCH	MPS HS Facility Assessment - Planning for future of MHS (support Comm work)	39,877	110,000	500,000		50,000,000		50,649,877	GF Debt, ARPA (39k)
SCH	Rehab HS bathrooms, ADA improvements to MHS front entrance, HVAC improvements beyond CARES Act funding	816,183						816,183	Reprogrammed bond funds from science labs and hvac/boiler replacement
SCH	Replace Security Recording Devices and Cameras and Other Safety Improvements		150,000	560,000				710,000	Safer Schools and Communities (EOPSS) (150k), GF Debt
SCH	Roof repairs districtwide				1,000,000	1,000,000	3,000,000	5,000,000	MSBA), GF Debt (2.5M)
SCH	McGlynn MS/ES air conditioning chillers	110,000						110,000	Free Cash
SCH	McGlynn MS/ES structural leaking	220,000						220,000	Free Cash
SCH	Refresh Aging Chromebooks		200,000			100,000	250,000	550,000	Free Cash
SCH	Security improvements at MHS/Voc		95,000					95,000	Free Cash
SCH	Replace fire pump control at McGlynn Middle School		52,360					52,360	Free Cash
SCH	Repair/Replace MHS roof over pool					120,000		120,000	Free Cash
SCH	Replace water heaters at Andrews School						80,000	80,000	Free Cash
SCH	Curb repairs at McGlynn complex						30,000	30,000	Free Cash

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SCH	Curb repairs at Andrews School						15,000	15,000	Free Cash
SCH	Replace front stairwell at Curtis Tufts						10,000	10,000	Free Cash
SCH	Gutter replacement at Curtis Tufts	6,000						6,000	Free Cash
SCH	Roberts ES roof project	6,500						6,500	Free Cash
SCH	MHS heat compressor	30,000						30,000	Free Cash
SCH	MHS generator	150,000						150,000	Free Cash
SCH	Andrews MS air conditioning chillers	110,000						110,000	Free Cash
SCH	Paving at Curtis Tufts		500,000					500,000	GF Debt
SCH	Repair/replace fire alarm ceiling system at MHS/Voc		500,000					500,000	GF Debt
SCH	Security improvements at McGlynn complex		220,000					220,000	GF Debt
SCH	Security improvements at Andrews School		150,000					150,000	GF Debt
SCH	Security improvemets at Brooks School		150,000					150,000	GF Debt
SCH	Security improvemets at Columbus School		150,000					150,000	GF Debt
VET	Renovate WWI memorial at Oak Grove Cemetery	400,000			200,000			600,000	CPA
VET	Repair fountain at WWII memorial at Oak Grove Cemetery			150,000				150,000	CPA
VET	Repair masonry at Honor Roll Park		65,000					65,000	CPA
Totals:		25,874,393	17,083,551	19,292,260	14,624,318	81,900,720	12,056,620	170,831,863	

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