

Agenda Report

April 25, 2022

TO: Honorable Mayor and City Council

FROM: Department of Public Works

SUBJECT: PUBLIC HEARING: CITY MANAGER'S RECOMMENDED FISCAL YEAR 2023 - 2027 CAPITAL IMPROVEMENT PROGRAM BUDGET

RECOMMENDATION:

It is recommended that the City Council:

1. Open the public hearing on the City Manager's Recommended FY 2023 - 2027 Capital Improvement Program (CIP) Budget; and
2. Continue the public hearing to May 2, 2022 at 5:00 p.m. and consider adoption of the FY 2023 - 2027 CIP Budget.

BACKGROUND:

The City of Pasadena Charter requires that the Recommended FY 2023 – 2027 CIP Budget for the upcoming fiscal year be submitted to the City Council on or before the third Monday in May. To encourage public participation in the process, a copy of the Recommended FY 2023 - 2027 CIP was placed in the City Clerk's Office on April 11, 2022, and it can also be found on the City's website at <https://www.cityofpasadena.net/public-works/engineering-and-construction/capital-improvement-program>.

Summary of CIP

The CIP budget identifies significant investment in the City's infrastructure by funding major projects designed to expand, enhance, and/or preserve the capital assets of this City. The Recommended FY 2023 – 2027 CIP Budget contains 209 projects with a total estimated cost of over \$1.2 billion. The CIP Budget includes a recommended FY 2023 appropriation of \$99,027,410 for 27 new projects and continuing projects as detailed in Attachments A and Attachment B. In addition, the CIP Budget contains a "Future Projects" section which identifies an additional 46 projects with a total estimated cost of \$370 million. The table below summarizes the Recommended FY 2023 – 2027 CIP in terms of costs.

Total Estimated Cost of Active Projects	Total Estimated Cost of Future Projects	Appropriated Through FY 2022	Recommended FY 2023	Total Outstanding Funding Need
\$1,218,479,616	\$370,203,634	\$460,693,539	\$99,027,410	\$1,028,962,301

Attachement C is the City Manager's FY 2023 CIP Budget Transmittal Letter. This letter highlights the achievements and goals of this CIP budget, and demonstrates a significant investment in infrastructure and major maintenance projects designed to expand, enhance, and/or preserve the foundations of Pasadena.

COUNCIL POLICY CONSIDERATION:

All projects in the Recommended CIP address and further the City Council's six strategic plan goals to maintain fiscal responsibility and stability; improve, maintain and enhance public facilities and infrastructure; increase conservation and sustainability; improve mobility and accessibility throughout the city; support and promote the quality of life and the local economy; and ensure public safety. In addition, all projects have been found to be consistent with the General Plan.

ENVIRONMENTAL ANALYSIS:

As work for each project moves through the City's approval process, the appropriate environmental analysis will be conducted and brought to the City Council.

FISCAL IMPACT:

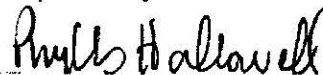
Recommended appropriations in the Recommended FY 2023 – 2027 Capital Improvement Program total \$99,027,410. Details regarding the sources of funding are included in Exhibit B (See Attachment B).

Respectfully submitted,



TONY OLMOS, P.E.
Director of Public Works

Prepared by:



Phyllis Hallowell
Management Analyst V

Approved by:



CYNTHIA KURTZ
Interim City Manager

Attachments:

- Attachment A – Recommended FY 2023 – 2027 CIP Totals by Category
- Attachment B - Exhibit B – Recommended FY 2023 – 2027 Capital Improvement Program
- Attachment C – City Manager's FY 2023 CIP Budget Transmittal Letter

FY 2023 - 2027 Capital Improvement Program
Totals By Category

Description	Total Estimated Costs	Appropriated Through FY 2022	Recommended FY 2023	Proposed FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027 and Beyond
Municipal Buildings and Facilities	151,243,409	20,799,741	8,395,000	112,000,000	2,000,000	1,000,000	7,048,668
Streets and Streetscapes	96,542,550	21,799,700	7,975,000	11,300,000	11,300,000	14,400,000	29,767,850
Street Lighting	34,185,000	6,013,263	710,000	100,000	100,000	100,000	27,161,737
Street Lighting and Electric Undergrounding	43,384,000	6,050,000	102,000	7,501,000	12,827,000	8,191,000	8,713,000
Transportation	120,671,716	60,006,222	8,087,500	2,093,658	1,455,000	0	49,029,336
Parking	12,100,000	0	1,500,000	2,000,000	1,000,000	1,000,000	6,600,000
Sewers and Storm Drains	31,335,244	16,548,146	5,100,000	2,800,000	2,000,000	2,000,000	2,887,098
Rose Bowl Improvements	24,660,150	11,789,150	12,871,000	0	0	0	0
Parks and Landscaping - Park Projects	25,084,066	16,399,066	1,085,000	0	0	0	7,600,000
Parks and Landscaping - Landscape Projects	2,150,000	0	100,000	430,000	430,000	430,000	760,000
Arroyo Projects	11,581,745	5,424,195	1,582,550	150,000	150,000	100,000	4,175,000
Pasadena Center Improvements	11,000,000	4,650,000	750,000	500,000	500,000	500,000	4,100,000
Water System	199,357,528	72,463,228	20,630,000	29,566,950	41,799,450	16,761,950	18,135,950
Electric System	434,528,687	203,831,307	27,084,360	68,659,670	56,897,450	44,752,950	33,302,950
Technology Projects	20,655,521	14,919,521	3,055,000	1,555,000	0	0	1,126,000
Grand Total	1,218,479,616	460,693,539	99,027,410	238,656,278	130,458,900	89,235,900	200,407,589

Exhibit B
Recommended FY 2023 - 2027 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2023	Funding Detail
Municipal Buildings and Facilities				
1	Central Library Seismic Retrofit and Renovations	114,000,000	4,000,000	4,000,000 California State Library State Funded Grant
3	Public Works Building - Seismic Upgrade (71915)	2,000,000	450,000	450,000 Charter Capital Fund
4	Fire Stations Renovations and Improvements (71911)	7,675,000	2,000,000	2,000,000 American Rescue Plan Act (ARPA)
5	Building Maintenance FY 2021 - 2025 (71903)	8,020,902	1,000,000	1,000,000 Building Preventive Maintenance Fund
8	Parking Lot Improvements at City Facilities FY 2019-2023 (71909)	1,260,000	270,000	120,000 Charter Capital Fund 150,000 Safe, Clean Water Program (Measure W) - Local Return
12	City Hall Building Systems - Design Phase	300,000	300,000	300,000 Building Preventive Maintenance Fund
13	Update to ADA Transition Plan for City Facilities	175,000	175,000	175,000 Charter Capital Fund
14	Police Department Building Renovation (71918)	6,800,000	200,000	200,000 American Rescue Plan Act (ARPA)
Municipal Buildings and Facilities Total Appropriations:			8,395,000	
Streets and Streetscapes				
1	Annual Citywide Street Resurfacing and ADA Improvement Program FY 2023	44,350,000	4,800,000	1,300,000 Gas Tax 700,000 Sewer Fund 2,800,000 Road Maintenance and Rehabilitation Account (SB 1)
4	Annual ADA Sidewalk Improvement Program (73913)	21,062,271	1,900,000	1,500,000 General Fund 400,000 Community Development Block Grant
5	Miscellaneous Sidewalk Repair Program (73940)	1,254,429	300,000	300,000 Private Capital
7	Holly Street Bridge - Seismic Retrofit (73323)	10,575,000	675,000	675,000 Highway Bridge Program Funds
8	Bridge Improvement Program FY 2019 - 2023 (73929)	358,000	100,000	100,000 Gas Tax
9	Guardrail Program FY 2023 - 2027	600,000	200,000	200,000 Gas Tax
Streets and Streetscapes Total Appropriations:			7,975,000	

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		Total Estimated Costs	Recommended FY 2023	Funding Detail
Street Lighting				
1	High Voltage Series Street Light Conversion - Phase I (74415)	4,435,000	300,000	300,000 Street Occupancy Rental Fees
3	High Voltage Series Street Light Conversion - Phase III (74420)	4,600,000	60,000	60,000 Gas Tax
4	Street Lighting Program (74413)	7,500,000	200,000	200,000 Gas Tax
5	LED Street Safety Lighting Upgrades	2,600,000	150,000	150,000 Gas Tax
Street Lighting Total Appropriations:			710,000	

Street Lighting and Electric Undergrounding

2	Raymond Avenue - Electrical System Undergrounding, Maple Street to North City Limits (3214)	24,920,000	70,000	70,000 Underground Utilities Fund - Power Facilities (3214)
4	Florencia Drive - Electrical System Undergrounding	2,800,000	16,000	16,000 Underground Utilities Fund
5	Canyon Close - Electrical System Undergrounding	5,516,000	16,000	16,000 Underground Utilities Fund
Street Lighting and Electric Undergrounding Total Appropriations:			102,000	

Transportation

Active Transportation/Complete Streets

1	Pasadena Bicycle Program FY 2021-2025 (75111)	613,481	90,000	90,000 TDA Article 3
2	Citywide Complete Streets Program FY 2021-2025 (75114)	874,915	125,000	75,000 Traffic Reduction Fee 50,000 Commercial Dev. Fee
3	Pedestrian Crossing Enhancements Program FY 2021-2025 (75112)	1,419,981	150,000	150,000 Community Development Block Grant
4	Arterials Speed Management Program FY 2021-2025 (75113)	410,500	75,000	75,000 Gas Tax
12	Enhancements to Metro Gold Line Allen Station	1,867,500	1,867,500	1,867,500 Affordable Housing and Sustainable Communities (AHSC)
17	Pasadena Pedestrian Plan - Outreach and Conceptual Design	2,200,000	150,000	150,000 Commercial Dev. Fee
19	Greenway (Bike Boulevard) Implementation - Design Phase	800,000	600,000	150,000 Traffic Reduction Fee 450,000 Affordable Housing and Sustainable Communities (AHSC)

Traffic Operations, Traffic Signals, and ITS

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Recommended FY 2023 - 2027 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2023	Funding Detail
5	Old Pasadena Traffic Improvement - FY 2021-2025 (75116)	189,512	30,000	30,000 Parking Meter Revenue - Old Pasadena
8	Intelligent Transportation System (ITS) Equipment Upgrades/Replacement - FY 2021-2025 (75117)	450,802	50,000	50,000 Gas Tax
9	Mobility Corridor Improvements FY 2021-2025 (75118)	462,144	50,000	50,000 Gas Tax
15	Traffic Signal at Orange Grove Blvd. and Craig Ave. (75097)	1,060,000	560,000	70,000 Road Maintenance and Rehabilitation Account (SB 1) 490,000 Affordable Housing and Sustainable Communities (AHSC)
16	Traffic Signal at Orange Grove Blvd. and Sunnyslope Ave. (75099)	531,000	50,000	50,000 Road Maintenance and Rehabilitation Account (SB 1)
17	Installation of Pedestrian Hybrid Beacon at Washington Blvd. and Hudson Ave.	500,000	60,000	46,000 Traffic Reduction Fee 14,000 Commercial Dev. Fee
Transit				
1	Purchase of Replacement Transit Vehicles and Expansion Fixed- Route Transit Vehicles (75085)	18,792,493	4,230,000	2,159,985 Proposition A/C Local Return Funds 2,070,015 MTA Multi-Year Subregional Program (MSP)
Transportation Total Appropriations:			8,087,500	
Parking				
1	Off Street Parking Facility Maintenance and Repair Project	12,100,000	1,500,000	1,500,000 Off-Street Parking Facilities Fund
Parking Total Appropriations:			1,500,000	

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		Total Estimated Costs	Recommended FY 2023	Funding Detail
Sewers and Storm Drains				
1	Annual Sewer System Improvements and Capacity Upgrades - FY 2022-2026 (76918)	7,000,000	2,000,000	2,000,000 Sewer Facility Charge
2	Annual Storm Drain System Repair & Improvements - FY 2020 - 2024 (76913)	6,326,293	1,500,000	1,500,000 Sewer Fund
4	Modernization of Busch Garden and Rosemont Sewer Pump Stations (76917)	2,900,000	1,400,000	1,400,000 Sewer Fund
6	Civil Defense - Septic and Field Leaching System Upgrades - Design Phase	1,000,000	200,000	200,000 Sewer Fund
Sewers and Storm Drains Total Appropriations:			5,100,000	
Rose Bowl Improvements				
1	Brookside Golf Course & Clubhouse Preventative Maintenance FY 2020 - 2024	1,380,985	316,000	316,000 Golf Course Fund
2	Rose Bowl Preventative Maintenance FY 2020 - 2024	4,560,000	1,365,000	1,365,000 RBOC Restricted Capital Fund (Legacy Contribution)
3	Rose Bowl Major Improvement Projects FY 2020 - 2024	16,880,376	11,190,000	9,990,000 RBOC Unrestricted Reserve Funds 1,200,000 RBOC Restricted Capital Fund (Legacy Contribution)
Rose Bowl Improvements Total Appropriations:			12,871,000	
Parks and Landscaping - Park Projects				
3	Citywide Sports Facilities Improvements and Installations (78044)	3,613,466	185,000	185,000 Residential Impact Fee
7	Brenner Park Playground Equipment Replacement - Design Phase	100,000	100,000	100,000 Residential Impact Fee
8	Hamilton Park Field Improvements - Design Phase	300,000	300,000	300,000 Measure A (East)
9	Villa Parke Pool and Pool Area Upgrades - Concept Study	200,000	200,000	200,000 Residential Impact Fee
10	Vina Vieja Pickleball Courts (78086)	5,200,000	300,000	300,000 Measure A (East)
Parks and Landscaping - Park Projects Total Appropriations:			1,085,000	

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		Total Estimated Costs	Recommended FY 2023	Funding Detail	
Parks and Landscaping - Landscape Projects					
1	Tree Replacement/Planting Citywide - FY 2023-2027	2,150,000	100,000	100,000	Street Tree Replacement Deposit
Parks and Landscaping - Landscape Projects Total Appropriations:			100,000		
Arroyo Projects					
1	Brookside Park - Upgrade of Athletic Field Lighting and Backstop Replacement	1,250,000	1,250,000	1,250,000	Measure A (West)
2	Hahamongna Watershed Park - Disc Golf Improvements	100,000	100,000	100,000	Residential Impact Fee
5	Hahamongna - Implement Master Plan - Oak Grove Area Improvements (77506)	1,782,900	50,000	50,000	Residential Impact Fee
6	Lower Arroyo Seco - Habitat Restoration (77410)	1,048,803	50,000	50,000	Residential Impact Fee
7	Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements (77509)	2,517,492	50,000	50,000	Safe, Clean Water Program (Measure W) - Local Return
8	Central Arroyo - Recreational Stairs - Concept Study	82,550	82,550	82,550	10% Green Fee Capital Project Fund
Arroyo Projects Total Appropriations:			1,582,550		
Pasadena Center Improvements					
1	Restoration, Upgrades, and Repairs of the Civic Auditorium, Convention Center and Ice Rink	9,000,000	750,000	550,000 200,000	Pasadena Center Operating Company Pasadena Center Operating Co - Facility Restoration Fund
Pasadena Center Improvements Total Appropriations:			750,000		

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		Total Estimated Costs	Recommended FY 2023	Funding Detail	
Water System					
1	Distribution Mains (1080)	33,980,000	4,140,000	4,140,000	CIC Funding
2	Sunset Reservoir Improvements (1075)	48,354,000	230,000	230,000	CIC Funding
3	Arroyo Seco Canyon Project (1040)	15,731,754	4,170,000	4,170,000	CIC Funding
4	Well Improvements (1074)	8,244,600	1,080,000	1,080,000	CIC Funding
6	Booster Improvements (1073)	8,274,000	970,000	970,000	CIC Funding
7	Meters and Services (1081)	8,225,000	1,980,000	1,980,000	CIC Funding
8	Treatment Systems (1091)	6,230,000	3,210,000	3,210,000	CIC Funding
9	Customer Information System Managed Services - Water (1096)	3,242,200	550,000	550,000	Water Fund
13	Computerized Maintenance Management System (1089)	1,470,000	110,000	110,000	Water Fund
15	Water SCADA Improvements (1087)	355,000	100,000	100,000	CIC Funding
16	Emergency Generators - Water (1079)	2,410,000	350,000	350,000	Water Fund
18	Geographic Information System (GIS) Enhancements (1084)	1,120,000	150,000	150,000	Water Fund
19	Reservoir Improvements (1093)	3,030,000	700,000	700,000	CIC Funding
20	Water Operations/Meter Shop (1090)	1,495,000	40,000	40,000	Water Fund
22	Customer Driven - Mains, Meters, and Services (1082)	14,723,000	2,590,000	2,590,000	Aid to Construction (Water)
23	Non-Potable Water Project (1013)		250,000	250,000	Water Fund
24	Advanced Metering Systems (AMS) (1078)	6,510,000	10,000	10,000	CIC Funding
Water System Total Appropriations:			20,630,000		

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		Total Estimated Costs	Recommended FY 2023	Funding Detail
Electric System				
1	Conductor Replacement Program (3226)	8,305,000	330,000	280,000 Power Fund 50,000 Underground Utilities Fund
2	4kV to 17kV Distribution System Conversion Program (3227)	19,387,571	2,400,000	2,400,000 Power Fund
3	Subtransmission Cable Upgrade (34-4)	2,505,000	2,500,000	2,500,000 Underground Utilities Fund - Power Facilities
5	Chester to Santa Anita 34kV Cable Replacement (3268)	2,242,000	2,000	2,000 Power Fund
7	Energy Storage System Phase II	13,766,500	766,500	766,500 Power Fund
8	Fire Threat Mitigation Tier 2 Areas (3258)	4,280,000	630,000	630,000 Power Fund
9	Electrical Vault Replacement and Reinforcement Program (3229)	11,230,000	1,330,000	1,130,000 Power Fund 200,000 Underground Utilities Fund - Power Facilities
10	Advanced Metering Infrastructure (AMI) (3142)	41,962,076	310,000	310,000 Power Fund
11	Distribution Switch Replacement Program (3231)	9,373,000	450,000	380,000 Power Fund 70,000 Underground Utilities Fund
13	Receiving Station 35kV Upgrades (3262)	5,864,758	300,000	300,000 Power Fund
15	Distribution Transformer Replacement Program (3237)	4,880,000	280,000	238,000 Power Fund 42,000 Underground Utilities Fund
16	Emergency Transmission and Distribution System Replacements (3222)	10,632,000	1,400,000	1,400,000 Power Fund
20	Santa Anita 35kV Receiving Station Upgrades (3260)	6,000,000	1,930,000	1,930,000 Power Fund
22	Customer Information System Managed Services - Power (3271)	5,140,800	180,000	180,000 Power Fund
23	T.M. Goodrich Receiving Station Upgrades (3263)	6,310,000	600,000	600,000 Power Fund
24	Deteriorated Pole Replacement Program (3233)	8,087,000	830,000	830,000 Power Fund
25	Primary Dispatch Facility Remodel (3253)	3,420,000	280,000	280,000 Power Fund
26	Installation of Low Voltage Electrical Services (3221)	26,498,000	3,000,000	150,000 Power Fund 2,850,000 Aid to Construction (Power)
28	Installation of High Voltage Electrical Services (3220)	24,223,000	2,500,000	125,000 Power Fund 2,375,000 Aid to Construction (Power)
30	Field Services and Meter Reading (3025)	802,463	132,860	132,860 Power Fund
31	Supervisory Control and Data Acquisition (SCADA) System Expansion (3245)	4,225,000	625,000	625,000 Power Fund
32	Distribution System Automation (3192)	6,805,001	250,000	250,000 Power Fund

Exhibit B
Recommended FY 2023 - 2027 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2023	Funding Detail
33	Fair Oaks Substation Upgrades (3267)	10,620,000	200,000	200,000 Power Fund
34	Vault Cover Lid Replacement Program (3230)	1,238,000	160,000	150,000 Power Fund 10,000 Underground Utilities Fund
35	Substation Modernization Program (3235)	4,880,000	680,000	680,000 Power Fund
36	Customer Facility Replacements (3269)	3,600,000	600,000	600,000 Power Fund
38	Security Enhancements at Glenarm Receiving Station and Dispatch Center (3247)	510,000	50,000	50,000 Power Fund
39	PWP Training Yard	605,000	350,000	350,000 Power Fund
41	Distribution System Expansion Program (3228)	6,590,000	240,000	240,000 Underground Utilities Fund
42	Station Transformer Upgrades (3259)	5,390,000	200,000	200,000 Power Fund
43	Power Supply Integrated Resource Planning and Design (3249)	1,465,000	590,000	590,000 Power Fund
44	Substation Oil Containment (3128)	8,322,352	460,000	460,000 Power Fund
45	Power System Equipment (3254)	2,188,000	308,000	308,000 Power Fund
46	Fiber Optic Cable Expansions / Overbuilds (3244)	1,145,000	90,000	90,000 Power Fund
48	Power Transmission Program (3251)	1,723,000	340,000	340,000 Power Fund
51	Santa Anita 17kV Substation Upgrades (3261)	2,326,603	200,000	200,000 Power Fund
53	Distribution Volt/Var Enhancements Program (3252)	2,383,000	140,000	140,000 Power Fund
54	Power Quality Meter Upgrades (3250)	330,000	80,000	80,000 Power Fund
55	Glenarm Receiving Station Upgrades (3266)	3,930,000	830,000	830,000 Power Fund
58	Energy Storage System Phase I (3206)	6,660,000	230,000	230,000 Power Fund
60	Chester Substation Upgrades	5,605,000	200,000	200,000 Power Fund
61	Power Supply Facility Security (3234)	820,900	110,000	110,000 Power Fund
Electric System Total Appropriations:			27,084,360	

Exhibit B
Recommended FY 2023 - 2027 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2023	Funding Detail
Technology Projects				
2	DolT Equipment Lifecycle Replacement FY 2020 - FY 2024 (71165)	8,235,501	1,275,000	1,275,000 Computing and Communication Fund
4	City Fiber Network Expansion FY 2020 - FY 2024 (71167)	2,271,653	280,000	100,000 Telecommunication Fund 120,000 Underground Utilities Fund 60,000 Public, Educational and Government (PEG) Funds
5	City Park Public Wifi Expansion	1,500,000	1,500,000	1,500,000 Community Development Block Grant
Technology Projects Total Appropriations:			3,055,000	
Grand Total Appropriations:			99,027,410	