

CAPITAL IMPROVEMENT PROGRAM SUMMARIES

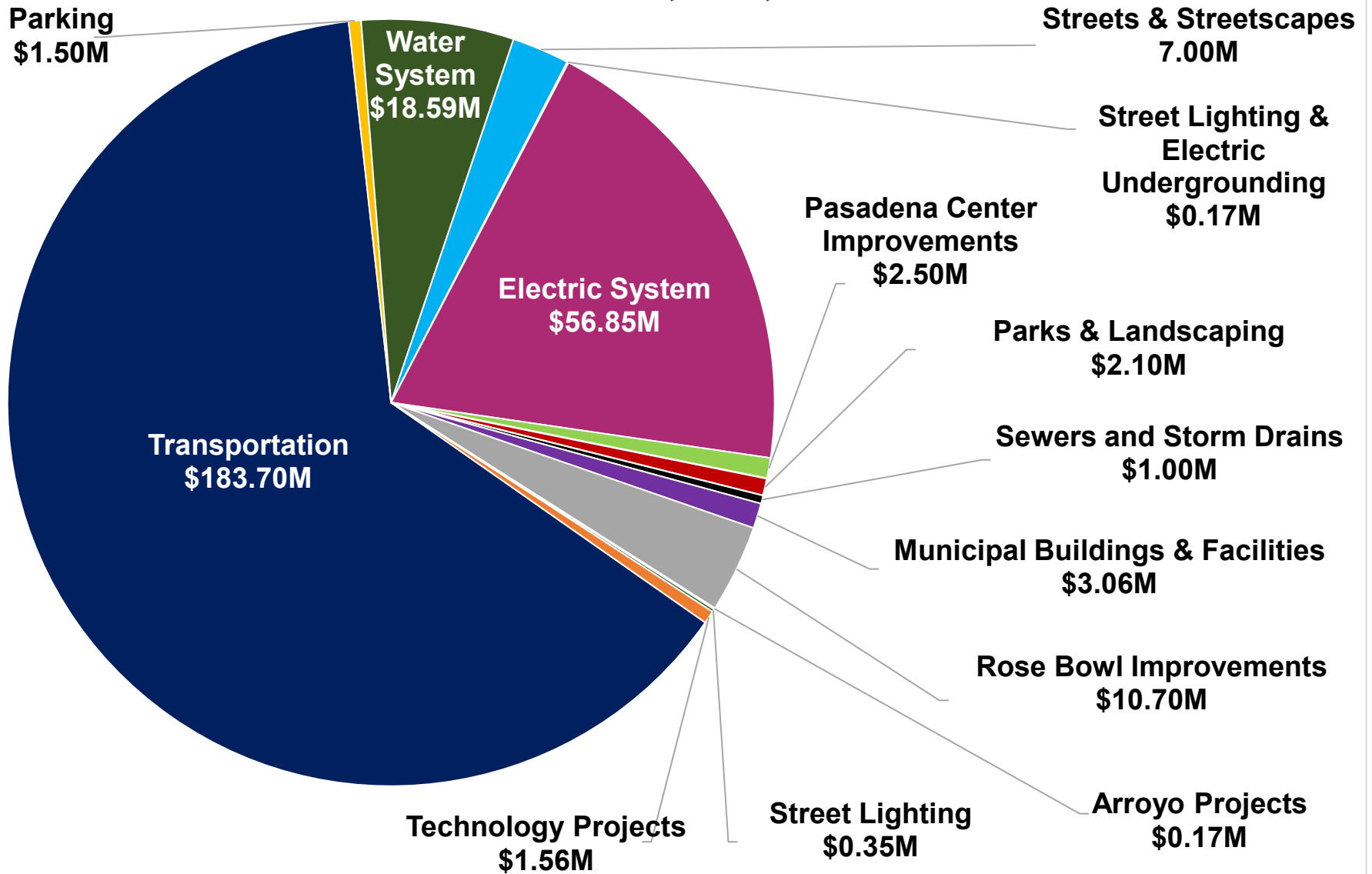
<u>Report</u>	<u>Page</u>
FY 2024-2028 Totals by Category	I
FY 2024-2028 Appropriations by Category (graphic)	II
FY 2024-2028 Totals by Department	III
FY 2024-2028 Appropriations by Department (graphic)	IV
FY 2024-2028 Totals by Fund	V-X
Recommended FY 2024-2028 Exhibit B	XI-XXVI

FY 2024 - 2028 Capital Improvement Program
Totals By Category

Description	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
Municipal Buildings and Facilities	52,890,074	32,430,074	3,060,000	2,800,000	1,300,000	1,300,000	12,000,000
Streets and Streetscapes	88,019,520	26,769,520	7,000,000	11,200,000	19,050,000	11,000,000	13,000,000
Street Lighting	37,925,000	6,740,000	350,000	600,000	600,000	600,000	29,035,000
Street Lighting and Electric Undergrounding	50,906,000	6,136,000	167,000	5,752,000	31,067,000	7,767,000	17,000
Transportation	387,305,562	67,138,886	183,695,000	1,553,050	0	0	134,918,626
Parking	12,100,000	1,500,000	1,500,000	1,000,000	1,000,000	2,000,000	5,100,000
Sewers and Storm Drains	61,829,218	21,037,844	1,000,000	7,050,000	6,250,000	6,250,000	20,241,374
Rose Bowl Improvements	36,760,757	23,648,361	10,702,772	0	0	0	2,409,624
Parks and Landscaping - Park Projects	25,979,066	8,159,066	1,865,000	0	0	0	15,955,000
Parks and Landscaping - Landscape Projects	2,118,316	418,316	200,000	200,000	200,000	200,000	900,000
Arroyo Projects	9,470,175	6,875,175	170,000	150,000	150,000	0	2,125,000
Pasadena Center Improvements	14,900,000	5,400,000	2,500,000	1,000,000	1,200,000	1,300,000	3,500,000
Water System	232,087,965	86,731,965	18,585,000	66,768,550	32,313,850	15,824,300	11,864,300
Electric System	469,943,849	203,603,605	56,847,800	75,450,450	63,503,772	37,574,272	32,963,950
Technology Projects	20,505,521	17,974,521	1,555,000	0	0	0	976,000
Grand Total	1,502,741,023	514,563,333	289,197,572	173,524,050	156,634,622	83,815,572	285,005,874

FY 2024 Appropriations by Category

\$289,197,572

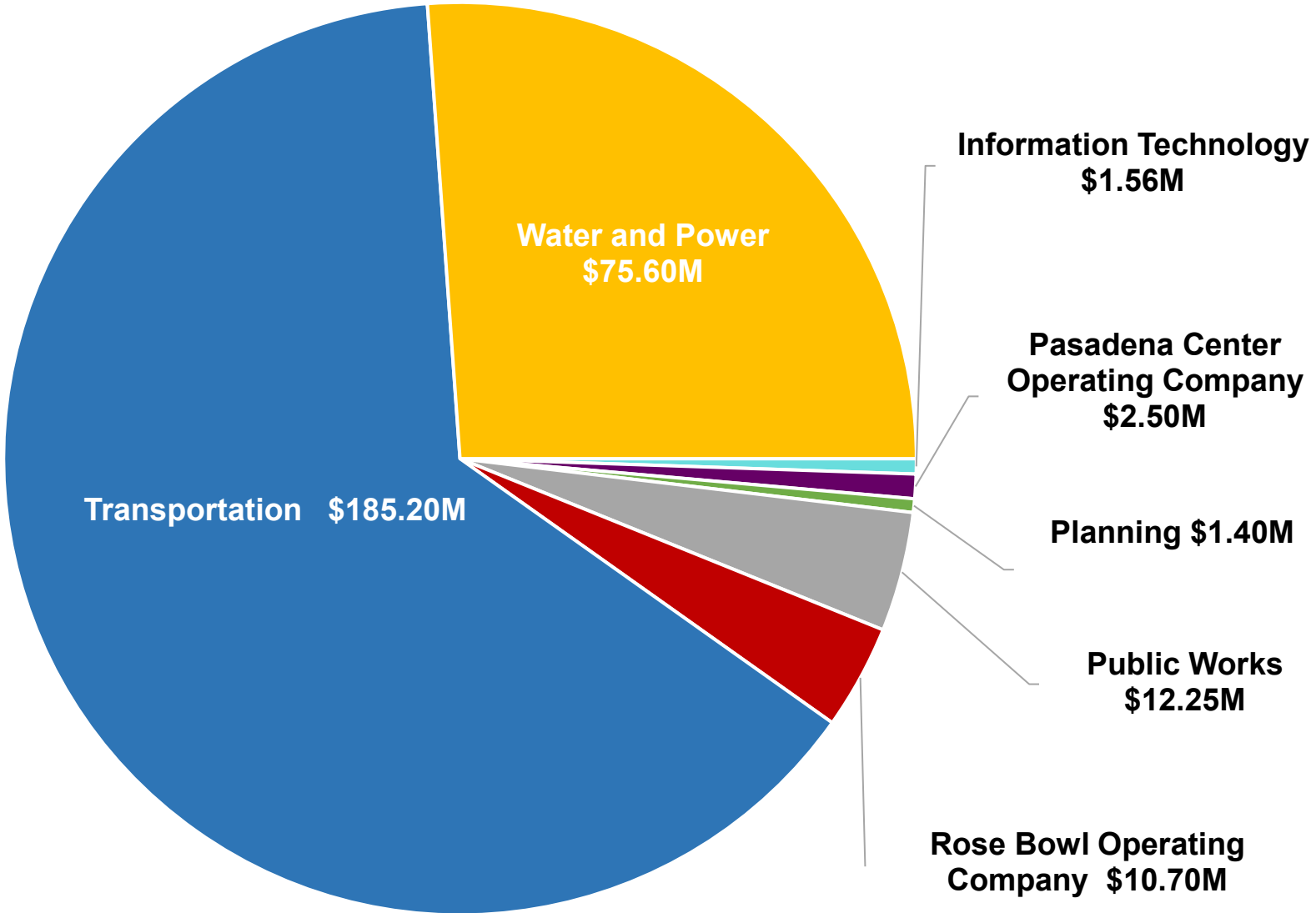


FY 2024 - 2028 Capital Improvement Program
Totals By Department

	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
Department of Information Technology	20,505,521	17,974,521	1,555,000	0	0	0	976,000
Fire Department	8,175,000	7,675,000	0	500,000	0	0	0
Pasadena Center Operating Company	14,900,000	5,400,000	2,500,000	1,000,000	1,200,000	1,300,000	3,500,000
Planning Department	3,900,000	2,500,000	1,400,000	0	0	0	0
Police Department	10,200,000	3,600,000	0	1,000,000	1,000,000	1,000,000	3,600,000
Public Health Department	100,000	100,000	0	0	0	0	0
Public Works Department	265,501,367	97,399,993	12,245,000	20,500,000	26,550,000	18,350,000	90,456,374
Rose Bowl Operating Company	36,760,757	23,648,361	10,702,772	0	0	0	2,409,624
Transportation Department	389,760,564	59,793,888	185,195,000	2,553,050	1,000,000	2,000,000	139,218,626
Water and Power Department	752,937,814	296,471,570	75,599,800	147,971,000	126,884,622	61,165,572	44,845,250
Grand Total	1,502,741,023	514,563,333	289,197,572	173,524,050	156,634,622	83,815,572	285,005,874

FY 2024 Appropriations by Department

\$289,197,572



FY 2024 - 2028 Capital Improvement Program
Totals By Fund

Fund / Revenue Source	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
Bikeway Fund							
TDA Article 3	581,073	391,073	90,000	100,000	0	0	0
	581,073	391,073	90,000	100,000	0	0	0
Building Preventive Maintenance Fund							
Building Preventive Maintenance Fund	8,615,027	6,615,027	1,000,000	1,000,000	0	0	0
	8,615,027	6,615,027	1,000,000	1,000,000	0	0	0
Building Services Fund							
Building Services Fund	3,900,000	2,500,000	1,400,000	0	0	0	0
	3,900,000	2,500,000	1,400,000	0	0	0	0
Charter Capital Fund							
Charter Capital Fund	1,250,000	1,050,000	200,000	0	0	0	0
	1,250,000	1,050,000	200,000	0	0	0	0
Computing and Communication Fund							
Computing and Communication Fund	8,477,527	7,202,527	1,275,000	0	0	0	0
	8,477,527	7,202,527	1,275,000	0	0	0	0
Gas Tax Fund							
Gas Tax	17,414,991	4,839,991	2,225,000	2,700,000	2,550,000	2,550,000	2,550,000
	17,414,991	4,839,991	2,225,000	2,700,000	2,550,000	2,550,000	2,550,000
General Fund							
General Fund	25,898,032	18,778,032	1,120,000	1,000,000	1,000,000	1,000,000	3,000,000
Reserve for Key Projects	161,695	161,695	0	0	0	0	0
	26,059,727	18,939,727	1,120,000	1,000,000	1,000,000	1,000,000	3,000,000
Gold Line Surplus Funds							
Gold Line Surplus Funds	3,719,800	3,719,800	0	0	0	0	0
	3,719,800	3,719,800	0	0	0	0	0
Golf Course Fund							
Golf Course Fund	1,453,896	896,124	557,772	0	0	0	0

FY 2024 - 2028 Capital Improvement Program
Totals By Fund

Fund / Revenue Source	Total Estimated Costs	Total Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
	1,453,896	896,124	557,772	0	0	0	0
Grants - State/Federal							
Affordable Housing and Sustainable Communities (AHSC)	2,807,500	2,807,500	0	0	0	0	0
American Rescue Plan Act (ARPA)	13,139,000	13,139,000	0	0	0	0	0
ATP Augmented (SCAG)	1,877,000	1,877,000	0	0	0	0	0
ATP Cycle 3	3,742,000	3,742,000	0	0	0	0	0
California State Library State Funded Grant	9,000,000	9,000,000	0	0	0	0	0
Community Development Block Grant	7,851,512	7,151,512	700,000	0	0	0	0
Department of Water Resources Grant	7,454,250	0	2,730,000	4,724,250	0	0	0
Federal Emergency Management Agency	5,550,000	0	0	0	3,675,000	1,125,000	750,000
Federal Funds - NASA	6,902,600	440,000	1,850,000	2,925,050	1,687,550	0	0
Federal Transportation Earmark Exchange	349,729	349,729	0	0	0	0	0
FEMA Hazard Mitigation Grant Program	1,425,037	1,425,037	0	0	0	0	0
FTA 5310 Enhanced Mobility of People with Disabilities	939,369	939,369	0	0	0	0	0
FTA 5316 Job Access and Reverse Commute Program Grant	862,830	862,830	0	0	0	0	0
Highway Bridge Program Funds	9,625,000	1,575,000	0	0	8,050,000	0	0
Highway Safety Improvement Program Grant	1,602,000	1,602,000	0	0	0	0	0
LA County Metro Authority (LACMTA) Local Transportation	395,391	395,391	0	0	0	0	0
Low Carbon Transit Operations Program Grant	55,534	55,534	0	0	0	0	0
Measure A (East)	800,000	800,000	0	0	0	0	0
Measure A (West)	1,627,000	1,250,000	377,000	0	0	0	0
Measure M	175,000	175,000	0	0	0	0	0
Measure M MSP	500,000	500,000	0	0	0	0	0
Measure R Mobility Improvement Program Grant	192,000,000	10,600,000	181,400,000	0	0	0	0
Metropolitan Transportation Authority	74,815	74,815	0	0	0	0	0
MTA Grant - Federal Flexible CMAQ Funds	3,157,720	3,157,720	0	0	0	0	0
MTA Grant - Proposition C	3,467,237	3,467,237	0	0	0	0	0
MTA Grant - State Transportation Improvement Program - TE	2,115,000	2,115,000	0	0	0	0	0
MTA Local Transit Funds (LTF)	1,364,577	1,364,577	0	0	0	0	0
MTA Multi-Year Subregional Program (MSP)	8,669,995	8,669,995	0	0	0	0	0
Prop 84 Urban Streams Restoration Program	638,410	638,410	0	0	0	0	0

FY 2024 - 2028 Capital Improvement Program
Totals By Fund

Fund / Revenue Source	Total Estimated Costs	Total Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
Proposition 68	3,767,375	3,767,375	0	0	0	0	0
Proposition A (Parks) - Cities Excess Funds	500,000	500,000	0	0	0	0	0
Proposition A (Parks) 1992	1,701,703	1,701,703	0	0	0	0	0
Proposition A (Parks) 1996	888,062	888,062	0	0	0	0	0
Safe, Clean Water Program (Measure W)	5,191,551	5,191,551	0	0	0	0	0
Safe, Clean Water Program (Measure W) - Local Return	1,910,000	1,820,000	40,000	50,000	0	0	0
SAFTEA-LU	548,711	548,711	0	0	0	0	0
Save America's Treasures Grant	500,000	0	500,000	0	0	0	0
Surface Transportation Program (STP)	1,051,140	1,051,140	0	0	0	0	0
United States Bureau of Reclamation	500,000	0	0	125,000	125,000	125,000	125,000
	304,727,048	93,643,198	187,597,000	7,824,300	13,537,550	1,250,000	875,000
Health Fund							
Health Fund	25,000	25,000	0	0	0	0	0
	25,000	25,000	0	0	0	0	0
Miscellaneous							
Asset Forfeiture	1,165,000	1,165,000	0	0	0	0	0
Foothill Transit Bus Stop Enhancement Grant	40,000	40,000	0	0	0	0	0
Library Equipment Replacement Fund	25,628	25,628	0	0	0	0	0
Library Fund	160,000	0	160,000	0	0	0	0
Library Services Fund	801,338	801,338	0	0	0	0	0
Light Rail Reserves (Prop. A/C)	551,000	551,000	0	0	0	0	0
Pasadena Community Foundation Grant	18,925	18,925	0	0	0	0	0
Private Capital	3,102,772	2,702,772	200,000	200,000	0	0	0
Proposition A/C Local Return Funds	6,335,864	4,785,864	1,550,000	0	0	0	0
Public Safety Augmentation Fund	1,117,095	1,117,095	0	0	0	0	0
Public, Educational and Government (PEG) Funds	453,758	393,758	60,000	0	0	0	0
SCAG Funds (Memo)	0	0	0	0	0	0	0
Street Occupancy Rental Fees	1,390,000	1,090,000	300,000	0	0	0	0
Street Tree Replacement Deposit	248,316	168,316	80,000	0	0	0	0
Supplemental Law Enforcement Fund	300,000	300,000	0	0	0	0	0
Tournament of Roses	45,000	45,000	0	0	0	0	0

FY 2024 - 2028 Capital Improvement Program
Totals By Fund

Fund / Revenue Source	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
	15,754,696	13,204,696	2,350,000	200,000	0	0	0
New Development Impact Fees							
Commercial Dev. Fee	214,000	214,000	0	0	0	0	0
	214,000	214,000	0	0	0	0	0
Parking Revenue - Various							
Civic Center Parking Meter Fund	125,000	125,000	0	0	0	0	0
Off-Street Parking Facilities Fund	9,000,000	1,500,000	1,500,000	1,000,000	1,000,000	2,000,000	2,000,000
Parking Meter Revenue - Old Pasadena	189,512	129,512	30,000	30,000	0	0	0
South Lake Parking Meters Fund	663,500	663,500	0	0	0	0	0
	9,978,012	2,418,012	1,530,000	1,030,000	1,000,000	2,000,000	2,000,000
Pasadena Center Operating Company							
Pasadena Center Operating Co - Facility Restoration Fund	2,400,000	1,400,000	200,000	200,000	200,000	200,000	200,000
Pasadena Center Operating Company	10,500,000	4,000,000	2,300,000	800,000	1,000,000	1,100,000	1,300,000
	12,900,000	5,400,000	2,500,000	1,000,000	1,200,000	1,300,000	1,500,000
Power Funds - Various							
Aid to Construction (Power)	55,072,000	28,846,000	5,166,000	5,265,000	5,265,000	5,265,000	5,265,000
Insurance Settlement	11,000,000	11,000,000	0	0	0	0	0
Power Fund	376,530,721	150,995,077	46,441,300	66,187,950	56,478,572	30,529,072	25,898,750
Power Fund (Memo)	0	0	0	0	0	0	0
	442,602,721	190,841,077	51,607,300	71,452,950	61,743,572	35,794,072	31,163,750
Refuse Fund							
Refuse Fund	11,671	11,671	0	0	0	0	0
	11,671	11,671	0	0	0	0	0
Residential Impact Fees							
Residential Impact Fee	10,330,766	8,762,766	1,318,000	100,000	150,000	0	0
	10,330,766	8,762,766	1,318,000	100,000	150,000	0	0
Road Maintenance and Rehabilitation Account (SB 1)							
Road Maintenance and Rehabilitation Account (SB 1)	17,720,000	2,920,000	2,800,000	3,000,000	3,000,000	3,000,000	3,000,000

FY 2024 - 2028 Capital Improvement Program
Totals By Fund

Fund / Revenue Source	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
	17,720,000	2,920,000	2,800,000	3,000,000	3,000,000	3,000,000	3,000,000
Rose Bowl Fund							
Green Fee Fund	27,000	27,000	0	0	0	0	0
Levy Capital Improvements Fund	2,058,737	2,058,737	0	0	0	0	0
RBOC Restricted Capital Fund (Legacy Contribution)	9,958,000	8,093,000	1,865,000	0	0	0	0
RBOC Unrestricted Reserve Funds	22,763,124	12,573,500	7,780,000	0	0	0	2,409,624
	34,806,861	22,752,237	9,645,000	0	0	0	2,409,624
Sales Tax - Proposition A							
Proposition A (Transit)	300,000	300,000	0	0	0	0	0
Proposition A (Transit) - Future Capital Projects Reserve	243,224	243,224	0	0	0	0	0
	543,224	543,224	0	0	0	0	0
Sewer Facility Charge Fund							
Sewer Facility Charge	3,500,000	3,000,000	500,000	0	0	0	0
	3,500,000	3,000,000	500,000	0	0	0	0
Sewer Maintenance and Construction Fund							
Sewer Fund	22,031,293	10,431,293	1,400,000	3,100,000	2,200,000	2,200,000	2,700,000
	22,031,293	10,431,293	1,400,000	3,100,000	2,200,000	2,200,000	2,700,000
Technology Fee							
Technology Fee	200,000	200,000	0	0	0	0	0
	200,000	200,000	0	0	0	0	0
Telecommunication Fund							
Telecommunication Fund	572,278	472,278	100,000	0	0	0	0
	572,278	472,278	100,000	0	0	0	0
Traffic Reduction Fee							
Traffic Reduction Fee	5,533,030	5,308,030	150,000	75,000	0	0	0
	5,533,030	5,308,030	150,000	75,000	0	0	0

FY 2024 - 2028 Capital Improvement Program
Totals By Fund

Fund / Revenue Source	Total Estimated Costs	Appropriated Through FY 2023	Recommended FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028 and Beyond
Transit Fund - Proposition C							
Proposition C Local Transit Fund	300,000	0	300,000	0	0	0	0
	300,000	0	300,000	0	0	0	0
Transportation Fund - Measure R							
Measure R Transportation Fund	746,500	746,500	0	0	0	0	0
	746,500	746,500	0	0	0	0	0
Underground Utility Fund							
Underground Utility Fund	79,441,717	19,973,117	5,527,500	9,749,500	32,827,200	9,547,200	1,817,200
	79,441,717	19,973,117	5,527,500	9,749,500	32,827,200	9,547,200	1,817,200
Unfunded							
Unfunded	257,649,050	1,250,000	0	12,198,050	10,600,000	10,600,000	223,001,000
	257,649,050	1,250,000	0	12,198,050	10,600,000	10,600,000	223,001,000
Water Fund - Various							
Aid to Construction (Water)	16,073,000	6,723,000	1,350,000	2,000,000	2,000,000	2,000,000	2,000,000
CIC Funding	169,189,204	61,969,754	10,550,000	54,777,450	23,277,000	10,790,000	7,825,000
Water Fund	26,418,911	17,599,211	2,105,000	2,216,800	1,549,300	1,784,300	1,164,300
Water Fund (Memo)	0	0	0	0	0	0	0
	211,681,115	86,291,965	14,005,000	58,994,250	26,826,300	14,574,300	10,989,300
Grand Total	1,502,741,023	514,563,333	289,197,572	173,524,050	156,634,622	83,815,572	285,005,874

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Municipal Buildings and Facilities				
4	Building Maintenance FY 2021 - 2025 (71903)	8,040,024	1,000,000	1,000,000 Building Preventive Maintenance Fund
6	Parking Lot Improvements at City Facilities FY 2024-2028	4,060,000	160,000	160,000 Library Fund
7	Hale Building Interior Remodel - Phase II (71170)	3,900,000	1,400,000	1,400,000 Building Services Fund
15	Improvements at City Yards Facilities	5,000,000	500,000	300,000 Street Occupancy Rental Fees 200,000 Charter Capital Fund
Municipal Buildings and Facilities Total Appropriations:			3,060,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Streets and Streetscapes				
1	Annual Citywide Street Resurfacing and ADA Improvement Program FY 2023/2024 (73938)	46,195,391	5,000,000	1,500,000 Gas Tax 700,000 Sewer Fund 2,800,000 Road Maintenance and Rehabilitation Account (SB 1)
2	Curb Ramp ADA Improvements Program FY 2022 - 2026 (73937)	2,798,050	300,000	100,000 Gas Tax 200,000 Sewer Fund
3	Annual ADA Sidewalk Improvement Program (73913)	22,035,108	1,400,000	1,000,000 General Fund 400,000 Community Development Block Grant
4	Miscellaneous Sidewalk Repair Program FY 2021 - 2025 (73940)	2,265,971	200,000	200,000 Private Capital
8	Bridge Improvement Program FY 2024 - 2028	500,000	100,000	100,000 Gas Tax
Streets and Streetscapes Total Appropriations:			7,000,000	
Street Lighting				
4	Street Lighting Program FY 2024 - 2028	6,500,000	200,000	200,000 Gas Tax
5	LED Street and Safety Lighting Upgrades FY 2023 - 2027 (74421)	2,860,000	150,000	150,000 Gas Tax
Street Lighting Total Appropriations:			350,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Street Lighting and Electric Undergrounding				
2	Raymond Avenue - Electrical System Undergrounding, Maple Street to North City Limits (3214)	36,310,000	90,000	90,000 Underground Utilities Fund - Power Facilities (3214)
3	Electric System Undergrounding Outside Established Undergrounding Districts (3210)	385,000	17,000	17,000 Underground Utilities Fund - Power Facilities (3210)
4	Florecita Drive - Electrical System Undergrounding (3217)	3,081,000	60,000	60,000 Underground Utilities Fund - Power Facilities
Street Lighting and Electric Undergrounding Total Appropriations:			167,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail	
Transportation					
<u>Active Transportation/Complete Streets</u>					
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	75,000	75,000	Traffic Reduction Fee
8	Complete Streets Project - Ave 64 from Colorado Blvd to South City Limits (75077)	3,671,000	1,800,000	1,800,000	Measure R Mobility Improvement Program Grant
12	Installation of Leading Pedestrian Interval and Audible Signals at Signalized Intersections (75125)	1,507,500	150,000	75,000	Gas Tax 75,000 Traffic Reduction Fee
13	Greenway (Bike Boulevard) Implementation (75126)	12,600,000	12,000,000	12,000,000	Measure R Mobility Improvement Program Grant
16	Pasadena Ave and St John Ave Street Improvements	75,100,000	75,100,000	75,100,000	Measure R Mobility Improvement Program Grant
17	Columbia Street Multimodal Improvements	9,900,000	9,900,000	9,900,000	Measure R Mobility Improvement Program Grant
18	Complete Streets Project - South Orange Grove Blvd from Green St. to Columbia St - Pedestrian Improvement Project	5,400,000	5,400,000	5,400,000	Measure R Mobility Improvement Program Grant
<u>Traffic Operations, Traffic Signals, and ITS</u>					
3	Old Pasadena Traffic Improvement - FY 2021-2025 (75116)	189,512	30,000	30,000	Parking Meter Revenue - Old Pasadena
5	Intelligent Transportation System (ITS) Equipment Upgrades/Replacement - FY 2021-2025 (75117)	500,802	50,000	50,000	Gas Tax

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
6	Mobility Corridor Improvements FY 2021-2025 (75118)	462,144	50,000	50,000 Gas Tax
16	Traffic Signal Improvements at Orange Grove Blvd and Holly St, and at Orange Grove Blvd and Colorado Blvd	4,500,000	4,500,000	4,500,000 Measure R Mobility Improvement Program Grant
17	Multimodal Improvements on San Rafael Ave at Linda Vista Ave and at Colorado Blvd	4,800,000	4,800,000	4,800,000 Measure R Mobility Improvement Program Grant
22	Pasadena Light Rail Train (LRT) Tracking and Network Monitoring System - Phase II	2,500,000	2,500,000	2,500,000 Measure R Mobility Improvement Program Grant
<u>Transit</u>				
1	Purchase of Replacement Transit Vehicles and Expansion Fixed-Route Transit Vehicles (75085)	26,042,493	800,000	800,000 Proposition A/C Local Return Funds
3	Construction of Transit Operations Maintenance Facility (75707)	68,110,000	65,900,000	500,000 Proposition A/C Local Return Funds 65,400,000 Measure R Mobility Improvement Program Grant
4	Bus Stop Improvement Program (75900)	4,332,093	300,000	300,000 Proposition C Local Transit Fund
5	Hydrogen Fueling Station	16,000,000	250,000	250,000 Proposition A/C Local Return Funds
Transportation Total Appropriations:			183,695,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Parking				
1	Off Street Parking Facility Maintenance and Repair Project (72160)	12,100,000	1,500,000	1,500,000 Off-Street Parking Facilities Fund
Parking Total Appropriations:			1,500,000	
Sewers and Storm Drains				
1	Annual Sewer System Improvements and Capacity Upgrades - FY 2022-2026 (76918)	24,100,000	500,000	500,000 Sewer Facility Charge
2	Annual Storm Drain System Repair & Improvements - FY 2020 - 2024 (76913)	7,326,293	500,000	500,000 Sewer Fund
Sewers and Storm Drains Total Appropriations:			1,000,000	
Rose Bowl Improvements				
1	Brookside Golf Course & Clubhouse Preventative Maintenance FY 2020 - 2024	2,465,757	557,772	557,772 Golf Course Fund
2	Rose Bowl Preventative Maintenance FY 2020 - 2024	5,925,000	1,365,000	1,365,000 RBOC Restricted Capital Fund (Legacy Contribution)
3	Rose Bowl Major Improvement Projects FY 2020 - 2024	28,370,000	8,780,000	7,780,000 RBOC Unrestricted Reserve Funds 500,000 RBOC Restricted Capital Fund (Legacy Contribution) 500,000 Save America's Treasures Grant
Rose Bowl Improvements Total Appropriations:			10,702,772	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Parks and Landscaping - Park Projects				
1	Citywide Sports Facilities Improvements and Installations (78044)	4,208,466	315,000	315,000 Residential Impact Fee
6	Villa Parke Community Center - ADA Improvements - Locker Room and Parking Lot	750,000	750,000	300,000 Community Development Block Grant 450,000 Residential Impact Fee
7	Citywide Parks Playground Shade Structure Installations - Phase I	1,800,000	600,000	223,000 Residential Impact Fee 377,000 Measure A (West)
8	Central Park - Lawn Bowling Clubhouse Retrofit - Design Phase	200,000	200,000	200,000 Residential Impact Fee
Parks and Landscaping - Park Projects Total Appropriations:			1,865,000	
Parks and Landscaping - Landscape Projects				
1	Tree Replacement/Planting Citywide - FY 2023-2027 (78959)	1,218,316	200,000	120,000 General Fund 80,000 Street Tree Replacement Deposit
Parks and Landscaping - Landscape Projects Total Appropriations:			200,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Arroyo Projects				
1	Brookside Park - Upgrade of Athletic Field Lighting and Backstop Replacement (77363)	1,300,000	50,000	50,000 Residential Impact Fee
4	Hahamongna - Implement Master Plan - Oak Grove Area Improvements (77506)	1,722,900	40,000	40,000 Residential Impact Fee
5	Lower Arroyo Seco - Habitat Restoration (77410)	1,038,803	40,000	40,000 Residential Impact Fee
6	Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements (77509)	2,608,472	40,000	40,000 Safe, Clean Water Program (Measure W) - Local Return
Arroyo Projects Total Appropriations:			170,000	
Pasadena Center Improvements				
1	Restoration, Upgrades, and Repairs of the Civic Auditorium, Convention Center and Ice Rink	12,900,000	2,500,000	2,300,000 Pasadena Center Operating Company 200,000 Pasadena Center Operating Co - Facility Restoration Fund
Pasadena Center Improvements Total Appropriations:			2,500,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
Water System				
1	Distribution Mains (1080)	36,980,000	5,300,000	5,300,000 CIC Funding
2	Sunset Reservoir Improvements (1075)	64,518,200	1,530,000	1,530,000 CIC Funding
3	Well Improvements (1074)	11,079,000	2,730,000	2,730,000 Department of Water Resources Grant
5	Booster Improvements (1073)	8,655,000	760,000	760,000 CIC Funding
6	Meters and Services (1081)	10,575,000	300,000	300,000 CIC Funding
7	Monk Hill Groundwater Treatment Improvements (1076)	6,902,600	1,850,000	1,850,000 Federal Funds - NASA
8	New Water Well (1088)	4,005,000	80,000	80,000 CIC Funding
9	Advanced Metering Infrastructure (AMI) (1078)	9,374,500	2,500,000	2,500,000 CIC Funding
10	Customer Information System Managed Services - Water (1096)	3,342,200	100,000	100,000 Water Fund
11	Water SCADA Improvements (1087)	425,000	80,000	80,000 CIC Funding
12	Computerized Maintenance Management System (1089)	2,005,000	685,000	685,000 Water Fund

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
14	Management Information Systems (1083)	904,500	240,000	240,000 Water Fund
15	Geographic Information System (GIS) Enhancements (1084)	1,250,000	560,000	560,000 Water Fund
16	Emergency Generators - Water (1079)	2,405,000	100,000	100,000 Water Fund
17	Water Operations / Training and Storage / Work Shop (1090)	1,055,000	100,000	100,000 Water Fund
20	Customer Driven - Mains, Meters, and Services (1082)	16,073,000	1,350,000	1,350,000 Aid to Construction (Water)
21	Water and Power Facilities Modernization (1056)	2,968,046	240,000	240,000 Water Fund
23	Facilities Improvement Initiative (1092)	545,000	80,000	80,000 Water Fund
Water System Total Appropriations:			18,585,000	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail	
Electric System					
1	Conductor Replacement Program (3226)	10,075,000	1,370,000	1,027,500	Power Fund 342,500 Underground Utilities Fund
2	4kV to 17kV Distribution System Conversion Program (3227)	23,287,571	4,000,000	4,000,000	Power Fund
3	Advanced Metering Infrastructure (AMI) (3142)	42,570,356	12,970,000	12,970,000	Power Fund
4	GT-5 Capital Equipment Replacements	1,630,800	1,130,800	1,130,800	Power Fund
5	Subtransmission Cable Upgrade (34-20)	3,200,000	1,941,000	1,941,000	Underground Utilities Fund
6	Subtransmission Cable Upgrade (34-4) (3272)	3,610,000	1,110,000	1,110,000	Underground Utilities Fund - Power Facilities
7	GT-1 and GT-2 Capital Equipment Replacements (3182)	35,640,503	540,000	540,000	Power Fund
8	GT-3 and GT-4 Capital Equipment Replacements (3186)	9,245,367	830,000	830,000	Power Fund
9	Electrical Vault Replacement and Reinforcement Program (3229)	14,920,000	1,890,000	1,701,000	Power Fund 189,000 Underground Utilities Fund - Power Facilities
10	Distribution Switch Replacement Program (3231)	11,623,000	1,450,000	1,305,000	Power Fund 145,000 Underground Utilities Fund
11	Fire Threat Mitigation Tier 2 Areas (3258)	4,690,000	410,000	410,000	Power Fund

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail	
12	Receiving Station 35kV Upgrades (3262)	4,631,758	310,000	310,000	Power Fund
13	Energy Storage System Phase II (3275)	4,776,500	10,000	10,000	Power Fund
14	Distribution Transformer Replacement Program (3237)	4,933,000	470,000	423,000	Power Fund
				47,000	Underground Utilities Fund
15	Electric Vehicle Charging Infrastructure (3225)	19,088,000	2,450,000	1,715,000	Power Fund
				735,000	Underground Utilities Fund
16	Customer Information System Managed Services - Power (3271)	6,160,800	1,020,000	1,020,000	Power Fund
18	Power Substation Weatherizing Enhancements	1,836,000	352,000	352,000	Power Fund
19	Oak Knoll Substation Upgrades	2,349,372	132,000	132,000	Power Fund
20	Villa Substation Upgrades	2,349,372	132,000	132,000	Power Fund
21	Substation Modernization Program (3235)	11,912,000	1,760,000	1,760,000	Power Fund
22	Computerized Maintenance Management System (3140)	4,988,278	1,150,000	1,150,000	Power Fund
23	Emergency Transmission and Distribution System Replacements (3222)	12,192,000	1,410,000	1,410,000	Power Fund
24	Installation of Low Voltage Electrical Services (3221)	31,318,000	3,120,000	312,000	Power Fund

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
25	Installation of High Voltage Electrical Services (3220)	26,943,000	2,620,000	2,808,000 Aid to Construction (Power) 262,000 Power Fund 2,358,000 Aid to Construction (Power)
26	Supervisory Control and Data Acquisition (SCADA) System Expansion (3245)	6,517,500	270,000	270,000 Power Fund
27	Primary Dispatch Facility Remodel (3253)	4,850,000	330,000	330,000 Power Fund
28	Fair Oaks Substation Upgrades (3267)	14,862,500	290,000	290,000 Power Fund
29	Replacement of Power Plant Instruments and Controls (3232)	560,000	80,000	80,000 Power Fund
30	Deteriorated Pole Replacement Program (3233)	11,487,000	1,600,000	1,600,000 Power Fund
31	Power Production Facility Improvements (3236)	3,144,320	680,000	680,000 Power Fund
32	Seismic Upgrade of Power Facilities (3196)	4,310,000	310,000	310,000 Power Fund
33	Vault Cover Lid Replacement Program (3230)	1,508,000	210,000	189,000 Power Fund 21,000 Underground Utilities Fund
35	Santa Anita 35kV Receiving Station Upgrades (3260)	6,154,000	890,000	890,000 Power Fund
36	Distribution System Automation (3192)	6,915,001	410,000	205,000 Power Fund 205,000 Underground Utilities Fund

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail	
37	Security, Access Control, and Lighting Program at Power Facilities (3248)	1,570,000	150,000	150,000	Power Fund
39	Distribution System Expansion Program (3228)	8,195,528	505,000	505,000	Underground Utilities Fund
40	Customer Facility Replacements (3269)	3,810,000	610,000	610,000	Power Fund
42	Geographic Information System (GIS) Enhancements (3240)	1,996,000	1,220,000	1,220,000	Power Fund
44	Energy Storage System Phase I (3206)	7,380,000	720,000	720,000	Power Fund
45	Station Transformer Upgrades (3259)	6,196,000	360,000	360,000	Power Fund
46	Power System Equipment (3254)	2,848,000	610,000	610,000	Power Fund
47	Santa Anita 17kV Substation Upgrades (3261)	3,074,603	220,000	220,000	Power Fund
48	Distribution Volt/Var Enhancements Program (3252)	3,073,000	410,000	410,000	Power Fund
49	Substation Oil Containment (3128)	7,579,352	930,000	930,000	Power Fund
50	Water and Power Facilities Modernization (3175)	20,901,982	1,180,000	1,180,000	Power Fund
51	Glenarm Receiving Station Upgrades (3266)	7,358,400	90,000	90,000	Power Fund

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	Funding Detail
53	PWP Training Yard (3274)	615,000	260,000	260,000 Power Fund
54	Power Supply Integrated Resource Planning and Design (3249)	2,000,000	210,000	210,000 Power Fund
55	Management Information Systems (3239)	1,646,500	525,000	525,000 Power Fund
56	Power Transmission Program (3251)	1,873,000	150,000	150,000 Power Fund
57	Power Transmission Program (3190)	9,478,999	280,000	280,000 Power Fund
58	Power Facility Wastewater / Storm Water Capture and Treatment (3270)	5,663,000	300,000	300,000 Power Fund
59	Chester Substation Upgrades (3273)	4,816,000	290,000	290,000 Power Fund
60	Power Supply Facility Security (3234)	1,192,900	180,000	180,000 Power Fund
Electric System Total Appropriations:			56,847,800	

Exhibit B
Recommended FY 2024 - 2028 Capital Improvement Program

		Total Estimated Costs	Recommended FY 2024	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
Technology Projects Total Appropriations:			1,555,000	
Grand Total Appropriations:			289,197,572	