

FY 2019 - 2023 Capital Improvement Program
Totals By Category

Description	Total Estimated Costs	Total Appropriated Through FY 2018	Recommended FY 2019	Proposed FY 2020	Proposed FY 2021	Proposed FY 2022	Proposed FY 2023 and Beyond
Municipal Buildings and Facilities	14,863,812	4,113,812	2,850,000	1,000,000	0	0	6,900,000
Streets and Streetscapes	55,642,261	20,216,261	6,814,000	6,357,000	6,085,000	6,085,000	10,085,000
Street Lighting	22,330,324	480,324	200,000	100,000	0	0	21,550,000
Street Lighting and Electric Undergrounding	39,900,000	12,225,000	150,000	8,955,000	8,200,000	4,400,000	5,970,000
Transportation	81,850,608	32,278,580	4,639,730	3,835,432	0	300,000	40,796,866
Parking	4,793,000	4,793,000	0	0	0	0	0
Sewers and Storm Drains	11,117,400	3,310,302	2,700,000	850,000	350,000	350,000	3,557,098
Rose Bowl Improvements	197,984,500	189,879,500	5,585,000	1,260,000	1,260,000	0	0
Parks and Landscaping - Park Projects	35,530,364	29,687,889	2,075,000	0	0	0	3,767,475
Parks and Landscaping - Landscape Projects	1,097,000	400,000	265,000	216,000	216,000	0	0
Arroyo Projects	12,559,463	4,844,863	0	0	0	0	7,714,600
Pasadena Center Improvements	11,830,000	2,896,000	1,150,000	1,400,000	1,300,000	300,000	4,784,000
Water System	232,120,006	129,515,300	15,160,000	21,846,319	24,453,887	24,347,250	16,797,250
Electric System	523,380,642	334,211,576	37,947,000	37,936,522	38,863,624	35,223,460	39,198,460
Technology Projects	34,904,355	18,881,219	2,724,150	1,179,186	651,900	651,900	10,816,000
Grand Total	1,279,903,735	787,733,626	82,259,880	84,935,459	81,380,411	71,657,610	171,936,749

Exhibit B
Recommended FY 2019 - 2023 Capital Improvement Program

	Total Estimated Costs	Recommended FY 2019	Funding Detail
Municipal Buildings and Facilities			
1	5,863,812	1,000,000	1,000,000 Building Preventive Maintenance Fund
2	2,000,000	1,750,000	1,750,000 Building Services Fund
4	7,000,000	100,000	100,000 Residential Impact Fee
		2,850,000	
Municipal Buildings and Facilities Total Appropriations:			
Streets and Streetscapes			
1	20,729,000	4,729,000	1,000,000 Gas Tax 2,390,000 RMRA Fund
2	13,587,271	1,000,000	1,339,000 Surface Transportation Program (STP) 1,000,000 General Fund
3	4,750,000	950,000	300,000 Gas Tax 650,000 Sewer Maintenance and Construction Fund
6	250,000	50,000	50,000 Gas Tax
7	425,000	85,000	85,000 Gas Tax
		6,814,000	
Streets and Streetscapes Total Appropriations:			
Street Lighting			
1	480,324	100,000	100,000 Gas Tax
3	8,000,000	100,000	100,000 Gas Tax
		200,000	
Street Lighting Total Appropriations:			

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Street Lighting and Electric Undergrounding			
1	700,000	100,000	100,000 Underground Utilities Fund - Power Facilities (3210)
3	2,750,000	50,000	50,000 Underground Utilities Fund - Public Works (74822)
		150,000	
Street Lighting and Electric Undergrounding Total Appropriations:			
Transportation			
1	498,190	90,000	90,000 TDA Article 3
3	731,500	75,000	75,000 Gas Tax
5	767,000	75,000	75,000 Gas Tax
6	820,974	100,000	100,000 Gas Tax
7	6,512,000	2,080,409	225,400 Traffic Reduction Fee 1,312,123 MTA Grant - Federal Flexible CMAQ Funds 542,886 ATP Cycle 3
8	2,726,613	100,000	100,000 Traffic Reduction Fee
9	325,000	225,000	25,000 Gas Tax 200,000 Traffic Reduction Fee
14	129,000	129,000	129,000 Gas Tax
22	421,861	100,000	100,000 Gas Tax
23	150,000	30,000	30,000 Parking Meter Revenue - Old Pasadena
31	375,000	50,000	50,000 Gas Tax
32	1,052,516	377,878	109,009 Proposition A/C Local Return Funds 268,869 FTA 5310 Enhanced Mobility of People with Disabilities
33	6,831,900	1,207,443	862,830 FTA 5316 Job Access and Reverse Commute Program Grant 344,613 Proposition A/C Local Return Funds
		4,639,730	
Transportation Total Appropriations:			

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Sewers and Storm Drains			
2	3,100,000	1,000,000	1,000,000 Sewer Facility Charge
3	1,750,000	350,000	350,000 Sewer Maintenance and Construction Fund
4	150,000	150,000	150,000 Sewer Maintenance and Construction Fund
5	600,000	600,000	600,000 Sewer Maintenance and Construction Fund
6	600,000	600,000	600,000 Sewer Maintenance and Construction Fund
		2,700,000	
Sewers and Storm Drains Total Appropriations:			
Rose Bowl Improvements			
2	1,805,000	150,000	150,000 Golf Course Fund
3	3,724,000	760,000	760,000 Rose Bowl Fund
4	1,250,000	200,000	200,000 Golf Course Fund
5	8,505,500	4,475,000	4,225,000 Rose Bowl Fund 250,000 Legacy Connections - Rose Bowl Legacy Campaign
		5,585,000	
Rose Bowl Improvements Total Appropriations:			

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Parks and Landscaping - Park Projects				
4	Citywide Park Asset Assessment	210,000	210,000	210,000 Residential Impact Fee
6	Citywide Sports Facilities Improvements and Installations (78044)	2,799,166	100,000	100,000 Residential Impact Fee
7	Hamilton Park - Various Projects (78069)	786,000	265,000	265,000 Residential Impact Fee
8	Restroom Bldgs (Replace or Construct)-Jefferson, McDonald, Allendale, Victory, Grant, Villa, Singer, Eaton-Blanche, Memorial, Hamilton Parks (78038)	7,567,123	300,000	300,000 Residential Impact Fee
9	Court Repairs at Eaton Blanche and McDonald Park - Construction Phase	250,000	250,000	250,000 Residential Impact Fee
12	Union St./Oak Knoll Ave. Pocket Park - Concept Study and Design	200,000	200,000	200,000 Residential Impact Fee
13	Installation of Security Lights at Jefferson, Gwinn and Sunnyslope Park	750,000	750,000	750,000 Residential Impact Fee
			2,075,000	

Parks and Landscaping - Park Projects Total Appropriations:				
1	Tree Replacement/Planting - Citywide FY 2017 - 2021 (78958)	1,097,000	265,000	265,000 Street Tree Replacement Deposit
			265,000	

Pasadena Center Improvements				
2	Restoration, Upgrades, and Repairs of the Civic Auditorium, Convention Center and Ice Rink	3,950,000	950,000	750,000 Pasadena Center Operating Company 200,000 Pasadena Center Operating Co - Facility Restoration Fund
3	Parking System Upgrade	200,000	200,000	200,000 Pasadena Center Operating Company
			1,150,000	

Pasadena Center Improvements Total Appropriations:				
			1,150,000	

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Water System			
1	77,593,314	5,300,000	5,300,000 CIC Funding
2	5,880,052	850,000	850,000 Water Fund
3	38,192,527	2,000,000	2,000,000 CIC Funding
4	26,449,986	2,000,000	2,000,000 Aid to Construction (Water)
5	8,240,000	2,240,000	2,240,000 CIC Funding
6	4,810,000	760,000	760,000 CIC Funding
8	28,283,860	150,000	150,000 Water Fund
9	525,000	525,000	525,000 Water Fund
10	6,805,000	355,000	355,000 CIC Funding
13	3,350,000	50,000	50,000 Federal Funds - NASA
14	1,450,000	730,000	730,000 Water Fund
17	4,325,413	50,000	50,000 Water Fund
20	2,494,046	150,000	150,000 Water Fund
		15,160,000	
			Water System Total Appropriations:

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Electric System				
1	4 kV Distribution System Conversion (3191)	60,141,236	3,500,000	3,500,000 Power Bond
2	Conductor Replacement and Testing (3137)	29,825,966	2,000,000	2,000,000 Power Bond
3	Power Distribution Capacity and Reliability Program (3161)	72,703,959	3,100,000	3,100,000 Power Bond
4	Replacement and Upgrade of Electrical Substructures (3185)	25,543,236	1,000,000	1,000,000 Power Bond
5	Installation of High Voltage Electrical Services (3220)	15,000,000	2,500,000	2,500,000 Aid to Construction (Power)
6	Installation of Low Voltage Electrical Services (3221)	15,000,000	2,500,000	2,500,000 Aid to Construction (Power)
7	GT-1 and GT-2 Upgrades and Replacements (3182)	30,717,292	11,000,000	11,000,000 Insurance Settlement
8	Distribution System Expansion (3002)	28,998,926	1,100,000	1,100,000 Power Bond
9	Customer Information System (3022)	11,404,738	1,850,000	1,850,000 Power Fund
10	Substation Control and Protection Upgrades (3208)	5,650,000	1,250,000	1,250,000 Power Fund
11	Transmission System Enhancements (3195)	16,450,000	1,700,000	1,700,000 Power Fund
12	Switchgear Upgrades for Power System Facilities (3090)	36,414,802	900,000	900,000 Power Fund
13	Wood Utility Pole Replacement/Reinforcement Program (3117)	12,700,314	45,000	45,000 Power Fund
16	Subtransmission System Enhancements (3205)	3,675,000	375,000	375,000 Power Fund
18	Facility Security Systems (3013)	7,943,390	250,000	250,000 Power Fund
22	Power Distribution Master Plan	1,100,000	1,100,000	1,100,000 Power Fund
23	Emergency Generator - Power	975,000	975,000	975,000 Power Fund
25	Power Production Facility Improvements (3180)	4,897,726	850,000	850,000 Power Fund
32	Supervisory Control and Data Acquisition System Expansion (3073)	4,956,235	150,000	150,000 Power Fund
34	Distribution System Fault Indicators/Recorders (3035)	1,819,391	15,000	15,000 Power Fund
35	Substation Oil Containment (3128)	4,892,352	400,000	400,000 Power Fund
37	Distribution Volt/Var Enhancements (3012)	690,000	45,000	45,000 Power Fund
38	Customer Load Research Program (3109)	3,071,874	150,000	150,000 Power Fund
43	Emergency Transmission and Distribution System Replacements	2,500,000	500,000	500,000 Power Fund
44	Production Cost Model Software	100,000	100,000	100,000 Power Fund
46	Rainwater Capture and Recycling (3197)	745,000	160,000	160,000 Power Fund

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50	700,000	200,000	200,000 Power Fund
51	5,578,614	160,000	160,000 Power Fund
53	3,682,635	42,000	42,000 Power Fund
54	430,000	30,000	30,000 Power Fund
Electric System Total Appropriations:			
37,947,000			

Technology Projects

1	5,313,572	160,000	160,000 General Fund
3	4,866,225	511,000	511,000 Building Services Fund
4	7,601,584	1,352,500	1,352,500 Computing and Communication Fund
9	4,938,321	700,650	75,000 Telecommunication Fund 565,650 Underground Utilities Fund 60,000 Public, Educational and Government (PEG) Funds

Technology Projects Total Appropriations:			2,724,150
Grand Total Appropriations:			82,259,880