

Storm Drain Projects



Five Year Capital Improvement Program

		Expended as of	Remaining	Adopted
	Page #	2/28/23	Budget	2023/24
Storm Drains				
~ Funded Projects ~				
Fairplex Stormwater Capture	1	1,984	2,898,016	-
Stormwater Master Plan	2	77,300	438,020	-
	Subtotals:	79,284	3,336,036	-
~ Partially Funded Projects ~				
Flood Resilience Infrastructure	3	-	-	150,000
Multi-Benefit Stormwater Optimization and Infrastructure	4	344	599,656	-
Pedley Spreading Grounds - Pond Enhancements	5	289,711	1,576,269	1,900,000
Storm Water Lift Stations Rehabilitation	6	67,860	407,140	900,000
	Subtotals:	357,915	2,583,065	2,950,000
~ Unfunded Projects ~				
Alley Drainage Improvements - Acacia Street	-	61,673	-	-
Catch Basin - Mission Boulevard (at Phillips Drive)	-	51,460	-	-
City Facilities Drainage Upgrade	-	-	-	-
Storm Drain - East End Avenue (Mission Blvd to San Antonio Wash)	-	-	-	-
Storm Drain Facility and Pavement Reconstruction - Lincoln Ave & Como Dr	-	-	-	-
Storm Drain Facility - Mission Boulevard and Reservoir Street	-	-	-	-
Storm Drain Facility - Paige Drive (N/O Sunset Dr)	-	-	-	-
Storm Drain Facility Reconstruction - 515 E. McKinley Avenue	-	-	-	-
Storm Drain Facility Reconstruction - Palomares Street and First Street	-	-	-	-
Storm Drain Facility Upgrade - 1234 W. Eighth Street	-	-	-	-
Storm Drain Improvements - 1257 Colfax Court	-	-	-	-
Storm Drain Improvements - Densmore Street and Alvarado Street	-	-	-	-
Storm Drain Improvements - Holt Avenue and Fairplex Drive (N/W Corner)	-	-	-	-
Storm Drain Improvements - Pavilion Drive and Breon Street	-	-	-	-
Storm Drains - Regional Basins	-	-	-	-
Storm Drain Study and Improv - Jefferson/Eleanor & McKinley/Palomares	-	-	-	-
	Subtotals:	113,133	-	-
Storm Drains Category Totals:		550,332	5,919,101	2,950,000

Plan 2024/25	Plan 2025/26	Plan 2026/27	Plan Beyond 2027	Total Project Cost	Impact to Future Operating	Project Number
-	-	-	-	2,900,000	Minimal	81060
-	-	-	-	515,320	Minimal	81053
-	-	-	-	3,415,320		
350,000	350,000	350,000	-	1,200,000	Minimal	81061
400,000	-	-	-	1,000,000	Minimal	81062
1,238,820	-	-	-	5,004,800	Minimal	81058
1,300,000	1,200,000	700,000	-	4,575,000	Minimal	81056
3,288,820	1,550,000	1,050,000	-	11,779,800		
-	-	-	517,327	579,000	Minimal	67773
-	-	-	202,540	254,000	Minimal	67658
-	-	-	50,000	50,000	Minimal	Unassigned
-	-	-	1,500,000	1,500,000	Minimal	Unassigned
-	-	-	125,000	125,000	Minimal	Unassigned
-	-	-	150,000	150,000	Minimal	Unassigned
-	-	-	175,000	175,000	Minimal	Unassigned
-	-	-	125,000	125,000	Minimal	Unassigned
-	-	-	170,000	170,000	Minimal	67915
-	-	-	175,000	175,000	Minimal	Unassigned
-	-	-	100,000	100,000	Minimal	Unassigned
-	-	-	115,000	115,000	Minimal	Unassigned
-	-	-	1,400,000	1,400,000	Minimal	Unassigned
-	-	-	150,000	150,000	Minimal	Unassigned
-	-	-	3,140,000	3,140,000	Minimal	Unassigned
-	-	-	1,500,000	1,500,000	Minimal	Unassigned
-	-	-	9,594,867	9,708,000		
3,288,820	1,550,000	1,050,000	9,594,867	24,903,120		

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Funded Projects

Capital Improvement Program Project Details

Project Title: **Fairplex Stormwater Capture**

Project Description: This project consists of the design for stormwater capture to meet the MS4 Permit requirements and the East San Gabriel Valley Watershed Management Plan. The project would enhance water supply by providing opportunities for groundwater recharge through infiltration and provide community investment, via the incorporation of recreational opportunities, in accordance with the Safe Clean Water Regional Program. Drainage would be captured from local on-site and off-site runoff via gravity and/or pumped. Stormwater from Thompson Creek and the Fairplex Drain would receive pretreatment before being conveyed into an infiltration gallery. Additional drainage connections will be considered to optimize stormwater capture. The proposed improvements on the Fairplex grounds will be programmed in alignment with the Fairplex Specific Plan, currently under development and scheduled for completion early 2025. Future Funding for construction will be submitted separately to the Safe Clean Water Regional Program for approval.

(Description changed FY 23-24)

Project Number:
428-2590-XXXXX-81060

Department / Division
Water Resources

Project Manager
Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2021-22 Yr Amended: 2023-24 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **2,900,000** Total Funded \$ **2,900,000** Total Unfunded \$ **0**

Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ _____ - Incr/Decr Charged to Fund # 142

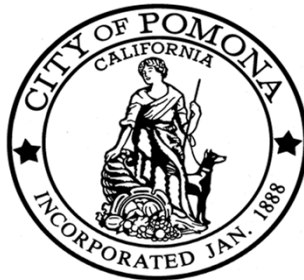
Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/23	Remaining Budget	Fiscal 2023-24	Plan 2024-25	Plan 2025-26	Plan 2026-27	Plan Beyond 2027
Safe Clean Water Program (Measure W)	Y	1,984	2,898,016	-				
Total		1,984	2,898,016	-	-	-	-	-

Pending _____

Unfunded _____

Project Location



Capital Improvement Program Project Details

Project Title: **Stormwater Master Plan**

Project Description: This project will develop a citywide hydraulic model to identify existing and future stormwater system capacity. This will include analyses regarding the necessary improvements to address stormwater collection and conveyance. Additionally, it will evaluate current asset management and assess maintenance needs. The Master Plan will also prioritize capital improvement projects (CIPs) to address the following: capacity deficiencies, water quality, groundwater recharge, and additional stormwater program implementation needs in terms of equipment and staffing.

(Description changed FY 21-22)
(Project title changed FY 23-24)

Project Number: 421-2590-XXXXX-81053
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2011-12 Yr Amended: 2023-24 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **515,320** Total Funded \$ **515,320** Total Unfunded \$ **0**

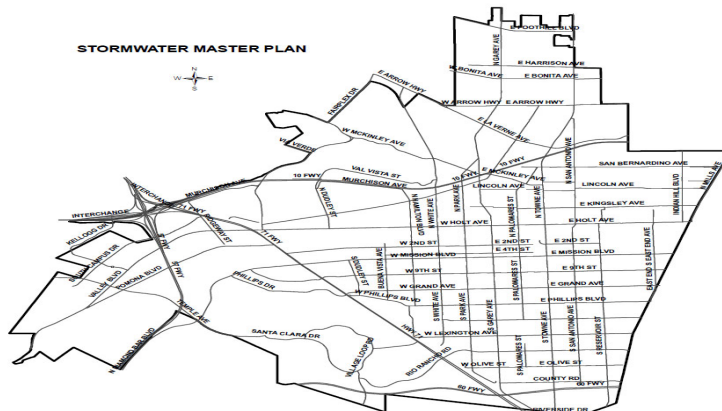
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 592

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/23	Remaining Budget	Fiscal 2023-24	Plan 2024-25	Plan 2025-26	Plan 2026-27	Plan Beyond 2027
Safe Clean Water Program (Measure W)	Y	-	300,000	-				
Series "AG" Bond Proceeds	N	70,030	-	-				
Series "AU" Bond Proceeds	N	1,928	-	-				
Series "BC (AG)" Bond Proceeds	N	5,179	68,250	-				
Series "BG (AU)" Bond Proceeds	N	163	69,770	-				
Total		77,300	438,020	-	-	-	-	-

Pending
Unfunded

Project Location



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Partially Funded Projects

Capital Improvement Program Project Details

Project Title: **Flood Resilience Infrastructure**

Project Description: This project provides for the high priority redesign and reconstruction of failed and/or undersized existing citywide stormwater infrastructure as a function of risk management and pollution removal mandates. The City's stormwater system is composed of storm drain pipes, catch basins, manholes, channels, lift stations, and green infrastructure. These can fail because of a variety of reasons such as system material, age, earth movement, capacity, and erosion. Staff regularly cleans and maintains these systems, however, storm drain components that require redesign and reconstruction are often encountered. Improvements and upgrades are needed to respond to the higher hydraulic demand due to the population growth and changes in the watershed land uses. Locations are identified based on condition assessments and repeated maintenance criteria. This project is in conformance with the City's General Plan, Active Transportation Plan, and Green Plan.

Project Number:
428-2590-XXXXX-81061

Department / Division
Water Resources

Project Manager
Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: **2023-24** Yr Amended: **N/A** Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **1,200,000** Total Funded \$ **150,000** Total Unfunded \$ **1,050,000**

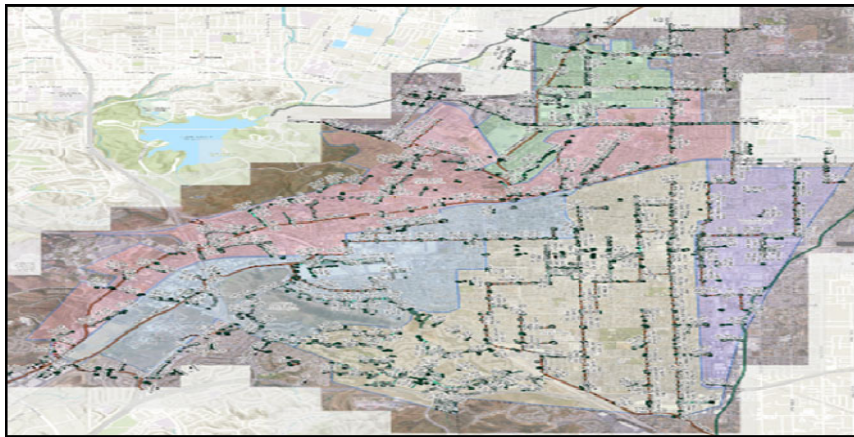
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ **-** Incr/Decr Charged to Fund # **142**

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/23	Remaining Budget	Fiscal 2023-24	Plan 2024-25	Plan 2025-26	Plan 2026-27	Plan Beyond 2027
General Fund	N	-	-	150,000	350,000	350,000	350,000	
Total		-	-	150,000	350,000	350,000	350,000	-

Pending Unfunded					350,000	350,000	350,000	
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Project Location



Capital Improvement Program Project Details

Project Title: **Pedley Spreading Grounds - Pond Enhancements**

Project Description: The Pedley Spreading Grounds (PSG) is an existing facility with three spreading basins. The City of Pomona owned facility is located in the City of Claremont. The project proposes to improve the ponds to accommodate local urban runoff. The PSG is currently configured to receive flows from the adjacent north neighborhood through 42-inch and 18-inch storm drains, and capture water from the adjacent Pedley Filtration Plant. This project proposes to utilize a 30-inch storm drain on Mills Avenue by modifying, relocating, and improving an existing junction structure at Baseline Rd. and Mills Ave. Using this storm drain, the PSG will increase stormwater spreading by 7.64 acre-feet during the 24-hour, 85th-percentile storm. The existing PSG basins will be regraded to increase their capacity. Flow control capabilities will be improved. Runoff flows would enter via a hydrodynamic separator for pretreatment prior to entering the PSG. An additional feature of this project will be the addition of educational infrastructure at Chaparral Park. Infrastructure supporting the conjunctive use will be identified and constructed. This Project is an East San Gabriel Valley Watershed Management Plan project submitted for MS4 compliance.

(Description changed FY 23-24)

Project Number: 428-2590-XXXX-81058
Department / Division Water Resources
Project Manager Chris Diggs

Council District: - 1 - 2 - 3 - 4 - 5 - 6 Citywide Outside City limits

Project Statistics: Origination Yr: 2020-21 Yr Amended: 2023-24 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **5,004,800** Total Funded \$ **3,765,980** Total Unfunded \$ **1,238,820**

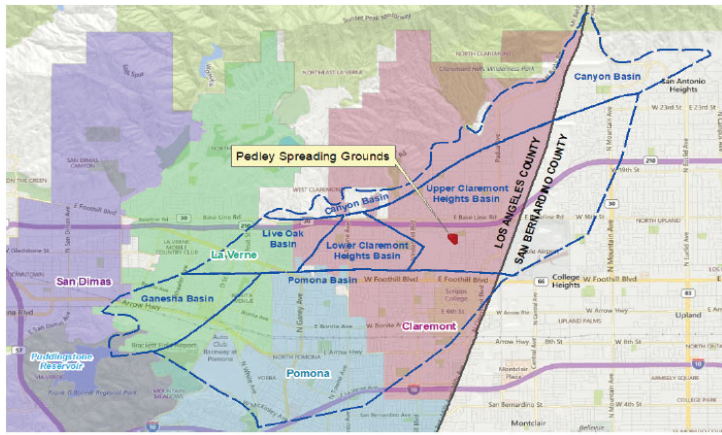
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ - Incr/Decr Charged to Fund # 142

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/23	Remaining Budget	Fiscal 2023-24	Plan 2024-25	Plan 2025-26	Plan 2026-27	Plan Beyond 2027
Safe Clean Water Program (Measure W)	Y	289,711	1,576,269	1,400,000	1,238,820			
Water Funds	N	-	-	500,000				
Total		289,711	1,576,269	1,900,000	1,238,820	-	-	-

Pending								
Unfunded		(Measure W in future years)			1,238,820			

Project Location



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Unfunded Projects

CITY OF POMONA
Capital Improvement Program
Unfunded Storm Drain Projects

Council Request	Council District	Project Title	Project Description	Estimated Cost	Origination Year
	6	Alley Drainage Improvements - Acacia Street	Provide alley grading and drainage improvements at Acacia Street and adjacent	579,000	FY 97-98
	5	Catch Basin - Mission Boulevard (at Phillips Drive)	Correct street drainage problems with the construction of catch basins at the south-westerly corner of the intersection and connecting the basins to an existing storm drain	254,000	FY 95-96
	Citywide	City Facilities Drainage Upgrade	Provides for a survey of existing City facilities for National Pollutant Discharge Elimination System (NPDES) Storm Water Pollution Prevention Plan (SWPPP) and related requirements	50,000	FY 10-11
*	3	Storm Drain – East End Avenue (Mission Blvd to San Antonio Wash)	Construct the storm drain system to connect to existing drainage system at Mission Boulevard and connect to the San Antonio Wash south of Ninth Street (approximately 2035 l.f.)	1,500,000	FY 10-11
*	4	Storm Drain Facility and Pavement Reconstruction – Lincoln Avenue and Como Drive	Storm drain facility and reconstruction of storm drain outlet pipe, curb, gutter, and removal/replacement of existing pavement at Lincoln Avenue and Como Drive	125,000	FY 10-11
*	3	Storm Drain Facility - Mission Boulevard and Reservoir Street	Construct catch basins and connect existing storm drain facility to new catch basin and connect into existing storm drain in Reservoir Street	150,000	FY 10-11
*	6	Storm Drain Facility - Paige Drive (N/O Sunset Dr)	Upgrade an existing drainage facility in need of upgrading due to drainage issues on Paige Drive	175,000	FY 10-11
*	4	Storm Drain Facility Reconstruction - 515 E. McKinley Avenue	Reconstruct catch basins, connector pipes, curb, gutter, and remove/replace existing pavement at 515 E. McKinley Avenue	125,000	FY 10-11
*	2	Storm Drain Facility Reconstruction – Palomares Street and First Street	Repairs as determined by ACE analysis to correct drainage issues at Palomares Street and First Street	170,000	FY 10-11
*	2	Storm Drain Facility Upgrade - 1234 W. Eighth Street	Construction, dependent upon a drainage study, that will upgrade drainage for street that is not a through street, does not have a cul-de-sac at its terminus and has no drainage facility to collect and redirect a storm run-off to an approved drainage structure	175,000	FY 10-11

CITY OF POMONA
Capital Improvement Program
Unfunded Storm Drain Projects

Council Request	Council District	Project Title	Project Description	Estimated Cost	Origination Year
*	2	Storm Drain Improvements – 1257 Colfax Court	Construct a collection facility and drainage lines to outlet to the street via the p.c.c. curb to correct drainage issues caused by construction of a concrete drainage swell on property northerly and adjacent to 1257 Colfax Court, which is causing flooding on the Colfax property	100,000	FY 10-11
*	4	Storm Drain Improvements – Densmore Street and Alvarado Street	Reconstruct curb, gutter, curb returns, curb access ramps, spandrels, cross gutters, sidewalk and a.c. pavement removal and replacement to correct excessive ponding at the intersection of Densmore Street and Alvarado Street	115,000	FY 10-11
*	1	Storm Drain Improvements – Holt Avenue and Fairplex Drive (N/W Corner)	Underground a section of an existing open channel northwesterly from Fairplex Drive and Holt Avenue through private property	1,400,000	FY 02-03
*	1	Storm Drain Improvements – Pavilion Drive and Breon Street	Make improvements including but not limited to the reconstruction of curb, gutter, curb returns, curb access ramps, spandrels, cross gutters, sidewalks and a.c. pavement removal and replacement to correct excessive ponding at the intersection of Pavilion Drive and Breon Street	150,000	FY 10-11
	Citywide	Storm Drains – Regional Basins	Provides for a minimum of two regional storm water infiltration basins (San Jose/Thompson Creek watershed and Chino Creek watershed). There will be five phases: I – Preliminary Study; II – Preliminary Geotechnical; III – Conceptual Selections & Design; V – Construction. This is part of the City’s WMP/CIMP implementation mandated by the Regional Water Board. We technically have until 2026 to capture 205 acre feet of water in the San Gabriel River Watershed (which San Jose/Thompson Creek essentially drains to) and 203 acre feet of water in the Santa Ana River Watershed (which is Chino Creek/San Antonio Creek). Basins/project cost will increase (more than CPI) each year, and starting early should minimize cost	3,140,000	FY 16-17

CITY OF POMONA
Capital Improvement Program
Unfunded Storm Drain Projects

Council Request	Council District	Project Title	Project Description	Estimated Cost	Origination Year
*	4	Storm Drain Study and Improvements – Jefferson Avenue/Eleanor Street and McKinley Avenue/Palomares Street	Provides for a drainage study and improvements in the local areas of Jefferson Avenue at Eleanor Street and McKinley Avenue at Palomares Street. Remediation of any implied drainage problem as set forth in the study will be implemented as feasible for the future CIP	1,500,000	FY 05-06