

# *Storm Drain Projects*



### Five Year Capital Improvement Program

		Expended as of	Remaining	Proposed
	Page #	2/29/24	Budget	2024/25
<b>Storm Drains</b>				
~ Funded Projects ~				
Fairplex Stormwater Capture	1	194,057	2,705,943	-
Stormwater Master Plan	2	118,236	632,084	-
	Subtotals:	312,293	3,338,027	-
~ Partially Funded Projects ~				
Flood Resilience Infrastructure	3	-	150,000	-
Multi-Benefit Stormwater Optimization and Infrastructure	4	5,616	594,384	-
Pedley Spreading Grounds - Pond Enhancements	5	552,336	3,213,644	1,838,820
Storm Water Lift Stations Rehabilitation	6	328,319	1,046,681	250,000
	Subtotals:	886,271	5,004,709	2,088,820
~ 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	-	-
<b>Storm Drains Category Totals:</b>		1,311,697	8,342,736	2,088,820

Pending 2024/25	Plan 2025/26	Plan 2026/27	Plan 2027/28	Plan Beyond 2028	Total Project Cost	Impact to Future Operating	Project Number
-	-	-	-	-	2,900,000	Minimal	81060
-	-	-	-	-	750,320	Minimal	81053
-	-	-	-	-	3,650,320		
-	350,000	350,000	350,000	-	1,200,000	Minimal	81061
-	400,000	-	-	-	1,000,000	Minimal	81062
-	400,000	-	-	-	6,004,800	Minimal	81058
-	2,250,000	700,000	-	-	4,575,000	Minimal	81056
-	3,400,000	1,050,000	350,000	-	12,779,800		
-	-	-	-	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		
-	3,400,000	1,050,000	350,000	9,594,867	26,138,120		

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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 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Safe Clean Water Program (Measure W)	Y	194,057	2,705,943	-				
<b>Total</b>		194,057	2,705,943	-	-	-	-	-
<b>Pending</b>								
<b>Unfunded</b>								

**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 \$ **750,320** Total Funded \$ **750,320** Total Unfunded \$ **0**

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

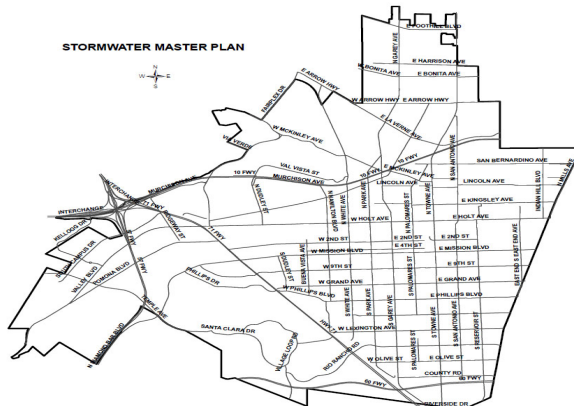
**Funding Allocation**

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Safe Clean Water Program (Measure W)	Y	-	535,000	-				
Series "AG" Bond Proceeds	N	70,030	-	-				
Series "AU" Bond Proceeds	N	1,928	-	-				
Series "BC (AG)" Bond Proceeds	N	46,115	27,314	-				
Series "BG (AU)" Bond Proceeds	N	163	69,770	-				
<b>Total</b>		<b>118,236</b>	<b>632,084</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**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**

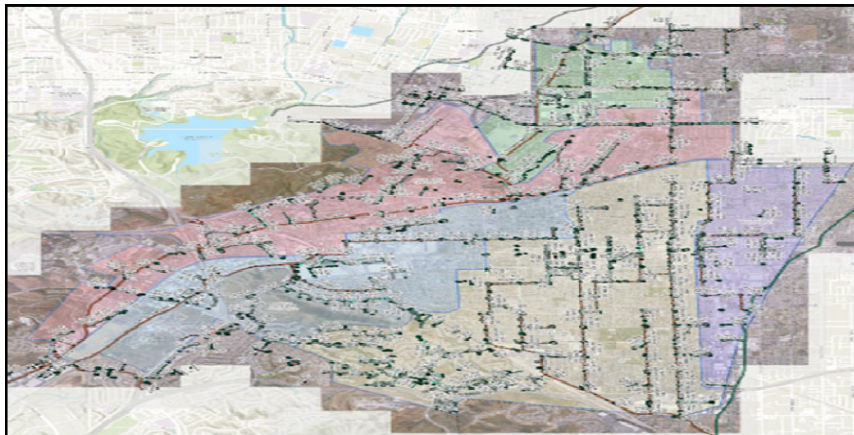
**Impact on Future Operating Costs** Minimal  Increase  Decrease  Annual Amt \$ - Incr/Decr Charged to Fund # **142**

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
General Fund	N	-	150,000	-	350,000	350,000	350,000	
<b>Total</b>		-	150,000	-	350,000	350,000	350,000	-

<b>Pending</b>								
<b>Unfunded</b>					350,000	350,000	350,000	

Project Location



Capital Improvement Program Project Details

Project Title: **Multi-Benefit Stormwater Optimization and Infrastructure**

**Project Description:** This project will provide for the study of urban runoff capture and reuse, flood risk management and conveyance, pollutant reduction, and water quality treatment. Staff will prepare seasonal rain event scenario modeling, assess needed improvements, conduct pilot studies, develop construction standards and procedures, plans and specifications, and invest in infrastructure that provides multiple benefits while prioritizing pollutant reduction, and public health. This project will explore measures to implement nature-based solutions, provide community investment benefits, and increase access to open space. Other goals can include the leverage of funding sources, adoption of new technologies, and practices for adaptive climate change management. Facilities that will support conjunctive use will be identified and constructed.

(Description changed FY 23-24)

Project Number:  
**428-2590-XXXXX-81062**

Department / Division  
**Water Resources**

Project Manager  
**Chris Diggs**

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

Project Statistics: Origination Yr: 2022-23 Yr Amended: 2023-24 Changes from Prior Year:  No  Yes

Financial Requirements:

**Funding Summary** Total Proj Cost \$ **1,000,000** Total Funded \$ **600,000** Total Unfunded \$ **400,000**

**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 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Safe Clean Water Program (Measure W)	Y	5,616	594,384	-				
<b>Total</b>		5,616	594,384	-	-	-	-	-

<b>Pending</b>								
<b>Unfunded</b>					400,000			

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: <b>428-2590-XXXX-81058</b>
Department / Division <b>Water Resources</b>
Project Manager  <b>Chris Diggs</b>

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

Project Statistics: Origination Yr: 2020-21 Yr Amended: 2024-25 Changes from Prior Year:  No  Yes

Financial Requirements:

**Funding Summary** Total Proj Cost \$ **6,004,800** Total Funded \$ **5,604,800** Total Unfunded \$ **400,000**

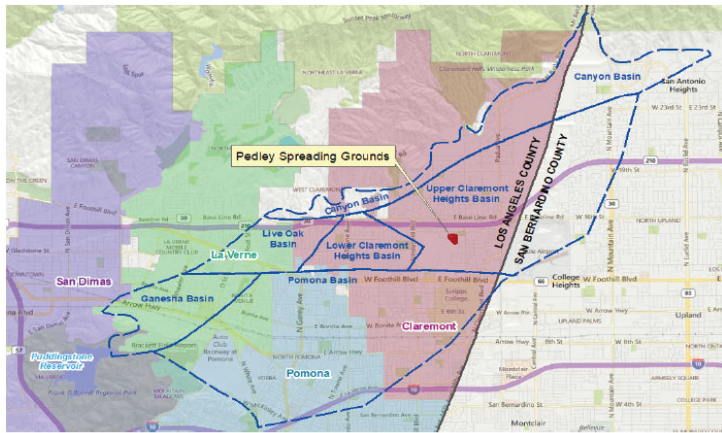
**Impact on Future Operating Costs** Minimal  Increase  Decrease  Annual Amt \$ - Incr/Decr Charged to Fund # 142

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
Safe Clean Water Program (Measure W - Local)	Y	539,728	2,726,252	1,838,820				
Water Funds	N	12,608	487,392	-	400,000			
<b>Total</b>		552,336	3,213,644	1,838,820	400,000	-	-	-

<b>Pending Unfunded</b>	Water Fund Future	400,000			
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Project Location



### Capital Improvement Program Project Details

Project Title: **Storm Water Lift Stations Rehabilitation**

**Project Description:** The City operates five storm water lift stations, located at railroad grade separation, which are designed to pump stormwater out of the railroad underpass. Due to current State standards and regulations, the lift stations require rehabilitation to allow them to function properly. The efforts include cleaning the wet wells, rehabilitating the pumps, grating system, safety, electrical, and telemetry infrastructure. The budgeted amount for this project is based on known and preliminary operating condition review of the facilities. A facility condition assessment is recommended to identify system deficiencies, generate future CIP projects, and support a plan for critical preparedness and response. The full extent of the effort will be determined once the existing equipment is disassembled, inspected, and documented.

Guidance from the Department of the Treasury allows ARPA funds to be used to make necessary investments in water, sewer, or broadband infrastructure. The project will assist with control of contaminated runoff to protect the water quality of the receiving body and assist with monitoring of data collection regarding stormwater discharges. The project removes standing water and threat to public health and safety. It will also assist with control of contaminated runoff to protect the water quality of the receiving body and alert when any system malfunctions. It is located in a Qualified Census Tract promoting health and well-being and furthering equity among a population disproportionately affected by the Covid-19 pandemic.

(Description changed FY 24-25)

Project Number:  
**428-2590-XXXXX-81056**

Department / Division  
**Water Resources**

Project Manager  
**Chris Diggs**

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

Project Statistics:   Origination Yr:   2019-20   Yr Amended:   2024-25   Changes from Prior Year:    No    Yes

**Financial Requirements:**

*Funding Summary*   Total Proj Cost \$ **4,575,000**   Total Funded \$ **1,375,000**   Total Unfunded \$ **3,200,000**

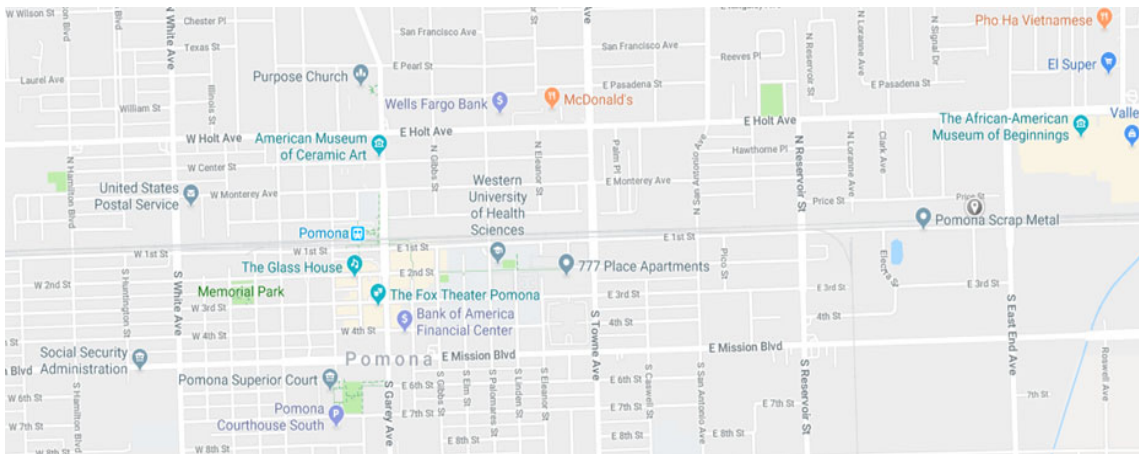
*Impact on Future Operating Costs*   Minimal  Increase  Decrease    Annual Amt \$ \_\_\_\_\_ -   Incr/Decr Charged to Fund # 571

**Funding Allocation**

Funding Source(s)	Restr Fund	YTD Costs as of 2/29/24	Remaining Budget	Fiscal 2024-25	Plan 2025-26	Plan 2026-27	Plan 2027-28	Plan Beyond 2028
American Rescue Plan (ARP) (D1) Funds	Y	158,000	-	-				
General Fund	N	50,183	815,606	-				
Safe Clean Water Program (Measure W)	Y	118,925	231,075	-				
Series "BG (AU)" Bond Proceeds	N	1,211	-	-				
<b>Total</b>		<b>328,319</b>	<b>1,046,681</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Pending</b>								
<b>Unfunded</b>					2,500,000	700,000		

**Project Location**



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# *Unfunded Projects*

**CITY OF POMONA**  
**Capital Improvement Program**  
**Unfunded Storm Drain Projects**

<b>Council Request</b>	<b>Council District</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Estimated Cost</b>	<b>Origination Year</b>
	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**

<b>Council Request</b>	<b>Council District</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Estimated Cost</b>	<b>Origination Year</b>
*	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. <b>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</b>	3,140,000	FY 16-17

**CITY OF POMONA**  
**Capital Improvement Program**  
**Unfunded Storm Drain Projects**

<b>Council Request</b>	<b>Council District</b>	<b>Project Title</b>	<b>Project Description</b>	<b>Estimated Cost</b>	<b>Origination Year</b>
*	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