

Storm Drain Projects



Five Year Capital Improvement Program

	Page #	Expended as of 2/28/22	Remaining Budget	Adopted 2022/23
Storm Drains				
~ Funded Projects ~				
Drainage Master Plan	1	75,191	440,129	-
Fairplex Stormwater Capture	2	-	2,900,000	-
Storm Drain Inlet Full Capture Trash Devices	3	12,644	290,856	-
Storm Water Lift Stations Rehabilitation	4	-	225,000	250,000
Subtotals:		87,835	3,855,985	250,000
~ Partially Funded Projects ~				
Multi-Benefit Stormwater Optimization and Infrastructure	5	-	-	600,000
Pedley Spreading Grounds - Pond Enhancements	6	4,656	531,144	-
Subtotals:		4,656	531,144	600,000
~ 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:		205,624	4,387,129	850,000

Plan 2023/24	Plan 2024/25	Plan 2025/26	Plan Beyond 2026	Total Project Cost	Impact to Future Operating	Project Number
-	-	-	-	515,320	Minimal	81053
-	-	-	-	2,900,000	Minimal	81060
-	-	-	-	303,500	Minimal	81057
-	-	-	-	475,000	Minimal	81056
-	-	-	-	4,193,820		
400,000	-	-	-	1,000,000	Minimal	81062
2,263,400	26,700	-	-	2,825,900	Minimal	81058
2,663,400	26,700	-	-	3,825,900		
-	-	-	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		
2,663,400	26,700	-	9,594,867	17,727,720		

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Funded Projects

Capital Improvement Program Project Details

Project Title: ***Drainage 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 Number:
421-2590-XXXX-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: 2021-22 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

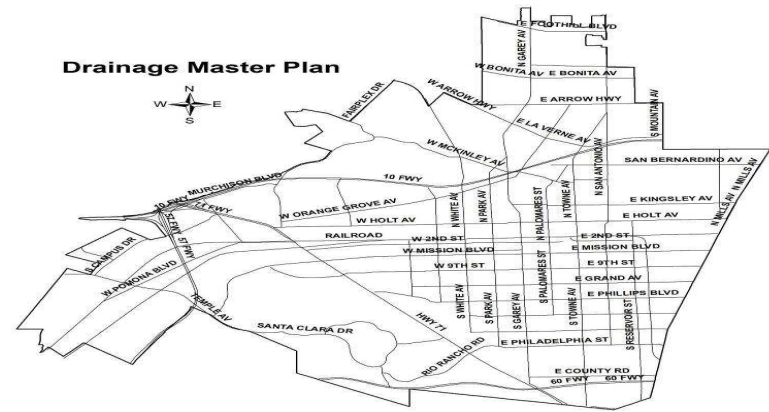
Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/22	Remaining Budget	Fiscal 2022-23	Plan 2023-24	Plan 2024-25	Plan 2025-26	Plan Beyond 2026
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	3,070	70,359	-				
Series "BG (AU)" Bond Proceeds	N	163	69,770	-				
Total		75,191	440,129	-	-	-	-	-

Pending _____

Unfunded _____

Project Location



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. Drainage would be captured from local on-site and off-site runoff. A gravity connection is proposed adjacent to Thompson Creek and stormwater will receive pretreatment before being conveyed into an infiltration gallery. Additional drainage connections would also be evaluated 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 2023. Future Funding for construction will be submitted separately to the Safe Clean Water Regional Program for approval.

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: N/A 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 2/28/22	Remaining Budget	Fiscal 2022-23	Plan 2023-24	Plan 2024-25	Plan 2025-26	Plan Beyond 2026
Safe Clean Water Program (Measure W)	Y	-	2,900,000	-				
Total		-	2,900,000	-	-	-	-	-
Pending								
Unfunded								

Project Location



Capital Improvement Program Project Details

Project Title: **Storm Drain Inlet Full Capture Trash Devices**

Project Description: The State Water Resources Control Board adopted statewide Trash Provisions (Order 13383) to address the pervasive impacts trash has on beneficial uses of our surface waters. The Trash Provisions required full capture trash devices in all priority land use (PLU) areas (or Equivalent Land Areas). The project will provide compliance via the Track 1 approach through the installation, operation, and maintenance of full capture systems to improve runoff conveyance from the PLUS into the City jurisdiction. Staff has identified 214 catch basins that will need to be retrofitted with the full capture units.

Project Number: 428-2590-XXXXX-81057
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: 2020-21 Changes from Prior Year: No Yes

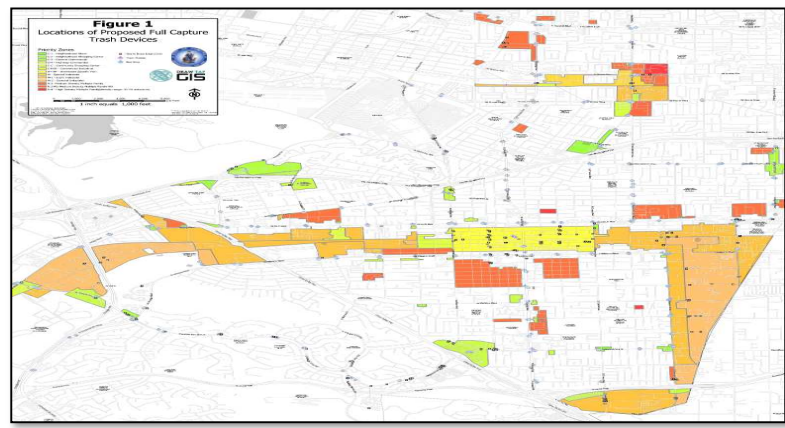
Financial Requirements:

Funding Summary Total Proj Cost \$ **303,500** Total Funded \$ **303,500** 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 2/28/22	Remaining Budget	Fiscal 2022-23	Plan 2023-24	Plan 2024-25	Plan 2025-26	Plan Beyond 2026
Safe Clean Water Program (Measure W)	Y	12,644	290,856	-				
Total		12,644	290,856	-	-	-	-	-
Pending								
Unfunded								

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 water out of the railroad underpass. Due to current State standards and regulations, the lift stations require rehabilitation to allow them to function properly. The necessary effort is to rehabilitate the pumping, grating system, safety, electrical, and telemetry infrastructure. The budgeted amount for this project is based on the known and preliminary operating condition review of the facilities. The full extent of the effort will be determined once the existing equipment is disassembled, inspected, and documented.

(Description changed FY 21-22)

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: 2022-23 Changes from Prior Year: No Yes

Financial Requirements:

Funding Summary Total Proj Cost \$ **475,000** Total Funded \$ **475,000** Total Unfunded \$ **0**

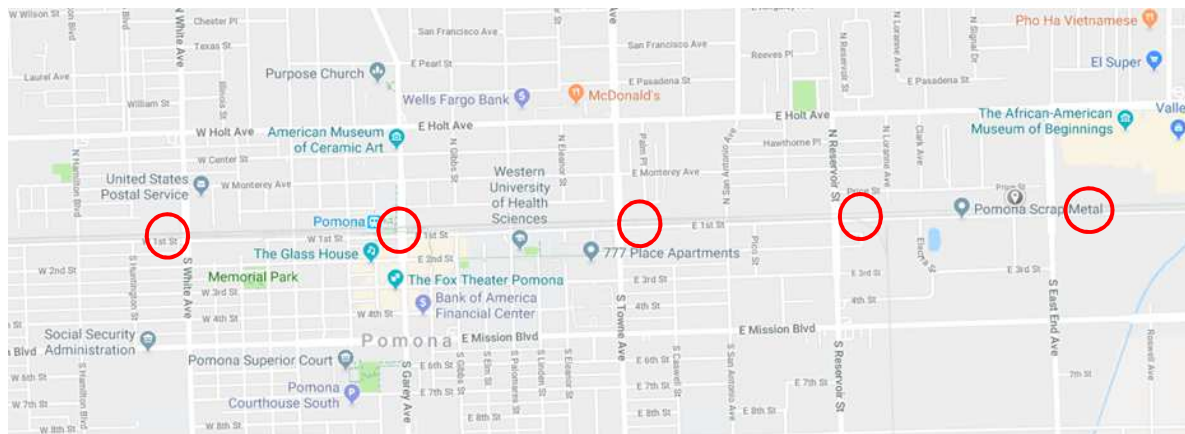
Impact on Future Operating Costs Minimal Increase Decrease Annual Amt \$ _____ - Incr/Decr Charged to Fund # 571

Funding Allocation

Funding Source(s)	Restr Fund	YTD Costs as of 2/28/22	Remaining Budget	Fiscal 2022-23	Plan 2023-24	Plan 2024-25	Plan 2025-26	Plan Beyond 2026
General Fund	N	-	223,789	-				
Safe Clean Water Program (Measure W)	Y	-	-	250,000				
Series "BG (AU)" Bond Proceeds	N	-	1,211	-				
Total		-	225,000	250,000	-	-	-	-

Pending								
Unfunded								

Project Location



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Partially Funded Projects

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-based modeling, assess needed improvements, conduct pilot studies, and invest in infrastructure that provides multiple benefits while prioritizing public health. This project will also explore measures to implement nature-based solutions, provide community investment benefits, and increase access to open space. Other goals can include the leverage of additional funding sources and adoption of new technologies and practices for adaptive climate change management. Facilities that will support conjunctive use will be identified and constructed.

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: N/A 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 2/28/22	Remaining Budget	Fiscal 2022-23	Plan 2023-24	Plan 2024-25	Plan 2025-26	Plan Beyond 2026
Safe Clean Water Program (Measure W)	Y	-	-	600,000	400,000			
Total		-	-	600,000	400,000	-	-	-
Pending								
Unfunded								

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 facility is located in the City of Claremont, but owned by the City of Pomona. The project proposes to deepen the ponds to accommodate local urban runoff. As-builts (Tract 29019) show an existing 18" pipe at the northwest corner of Basin 1 to capture drainage from the residential areas north of the PSG. In addition, the City of Pomona Mills Avenue 2003 As-Builts show two existing pipes, which connect at a junction manhole, and discharge at the northeastern corner of Basin 2. One pipe is a 30" pipe, which diverts flow from Baseline Road down N Mills Avenue, and crosses through Chaparral Park; the other pipe is a 42" pipe through an easement between Loyola Court and Barrington Court. To include additional flows, a connection is proposed at an existing manhole at Chaparral Drive and N Mills Avenue. Flows from the proposed connection would then enter a hydrodynamic separator for pretreatment, and then discharge into Basin 3. The existing basins have a ponding area of approximately 4.09 acres. The design depth to accommodate the urban runoff would require 1 ft of depth plus an additional 1 ft of freeboard. This Project is an East San Gabriel Valley Watershed Management Plan project submitted for MS4 compliance.

Project Number:
428-2590-XXXXX-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: 2021-22 Changes from Prior Year: No Yes

Financial Requirements:

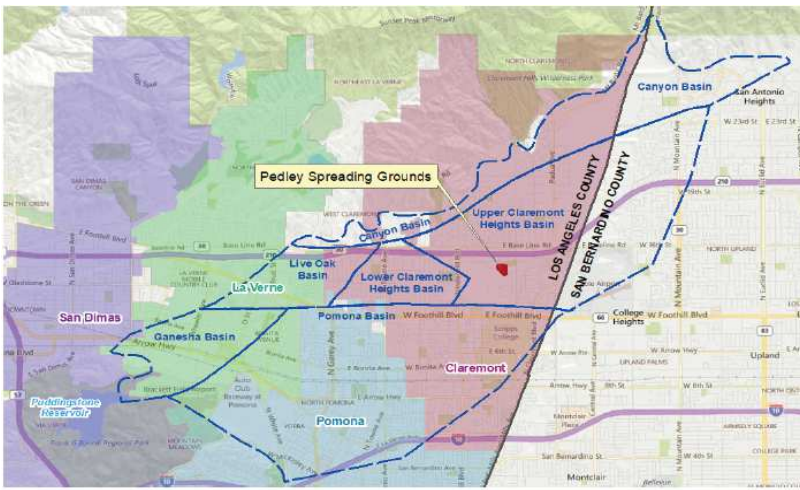
Funding Summary Total Proj Cost \$ **2,825,900** Total Funded \$ **535,800** Total Unfunded \$ **2,290,100**

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 2/28/22	Remaining Budget	Fiscal 2022-23	Plan 2023-24	Plan 2024-25	Plan 2025-26	Plan Beyond 2026
Safe Clean Water Program (Measure W)	N	4,656	531,144	-				
Total		4,656	531,144	-	-	-	-	-
Pending Unfunded			(Measure W in future years)		2,263,400	26,700		

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