

Stormwater



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The Stormwater Department's Capital Improvements Program provides for the installation and improvements of stormwater drainage infrastructure and systems. The Department plans and programs improvements to stormwater infrastructure, including the installation of green infrastructure.

2022 CIP Accomplishments

The Department and its in-house Pipe Repair Crew, in coordination with the Engineering & Capital Projects Department, completed construction of the following stormwater projects in Fiscal Year 2022, which will improve storm drain infrastructure and meet pollution prevention mandates:

- 1932 Springer Rd SD Repl SWD (B22028)
- 2128 Rancho Dr SD Repl SWD (B22014)
- 2133 Reo Dr SD Repl SWD (B22029)
- 2356 Hopkins St SD Repl SWD (B22057)
- 2361 Westwood St SD Repl SWD (B22051)
- 3505 Udall St CMP Storm Drain Emergency (B21138)
- 3952 Calgary Ave SD Repl SWD (B22027)
- 4617 Antioch Pl CMP SD Emergency (B21127)
- 5163 East Bedford Dr SD Repl SWD (B22054)
- 6141 Wenrich Dr SD Repl SWD (B22055)
- 6142 Monte Verde Dr SD Repl SWD (B22056)
- 6314 St. Therese Way SD Repl SWD (B22119)
- 9900 Campus Point Dr SD Repl ROW (B22018)
- Cajon Way CMP Storm Drain Emergency (B21115)
- Coast Cave SD Accelerated Replacement (B20076)
- Lake Murray Bl and Highwood DR SD Repl SWD (B22049)
- Mississippi St CMP SD Emergency (B21137)
- Prairie Mound Way CMP Storm Drain Emergency (B21063)
- Villa La Jolla Dr CMP SM Emergency (B21079)

2023 CIP Goals

The Stormwater Department is committed to improving storm drain infrastructure as a function of flood risk management and installing green infrastructure to improve water quality. To improve storm drain infrastructure and meet pollution removal mandates the Department and its in-house Pipe Repair Crew, in coordination with the Engineering & Capital Projects Department, is scheduled to begin design or construction in Fiscal Year 2023 for the following projects:

- 3002 Barnett Ave SD Improv SWD (B22121)
- 30th St and Iris Ave SD Repl SWD (NEW)
- 4051 Loma Alta Dr SD Repl SWD (B22125)
- 4920 Cannington Dr SD Repl SWD (NEW)
- 5861 College Ave SD Repl SWD (B22122)
- 6002 Camino Rico SD Improv SWD (NEW)
- 6576 Parkside Ave SD Repl SWD (B22126)

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- 7277 Viar Ave SD Repl SWD (NEW)
- 7717 Eagle Ridge Dr SD Improv SWD (NEW)
- Del Sur Blvd and Del Sol Blvd SD Improv SWD (NEW)
- Fort Stockton and Allen Rd SD Improv SWD (NEW)
- F St and 32nd SD Improv SWD (NEW)
- Guy St and Pringle St SD Improv SWD (B22127)
- Logan Heights LID (South) (B15051)
- Maple Canyon Restoration Phases 1 & 2 (B12040)
- Mira Mesa South Storm Drain Replacement (B16175)
- Santa Maria Ter and Trinidad Way SD Improv SWD (NEW)
- Southcrest Green Infrastructure (B16112)
- Tonawanda Dr and Marmil Way SD Improv SWD (NEW)

Stormwater: Capital Improvement Projects

Project	Prior Fiscal Years	FY 2023 Adopted	Future Fiscal Years	Project Total
Alta La Jolla Drive Drainage Repair PhII / S10001	\$ 6,222,105	\$ -	\$ -	\$ 6,222,105
Carmel Country Road Low Flow Channel / S00969	2,712,000	-	-	2,712,000
Chollas Creek Restoration 54th St & Euclid Ave / S22009	250,000	982,855	-	1,232,855
Flood Resilience Infrastructure / ACA00001	118,534,398	14,750,000	359,660,869	492,945,267
Maple Canyon Storm Drain Upgrade / S20003	1,075,000	-	34,925,000	36,000,000
Pump Station D Upgrade / S22015	1,522,608	2,500,000	-	4,022,608
SD River Dredging Qualcomm Way to SR163 / S00606	839,000	-	1,075,000	1,914,000
Stormwater Green Infrastructure / ACC00001	52,745,341	8,845,265	1,300,592,472	1,362,183,078
Upper Auburn Creek Revitalization Project / S22008	250,000	982,856	-	1,232,856
Total	\$ 184,150,453	\$ 28,060,976	\$ 1,696,253,341	\$ 1,908,464,770



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Alta La Jolla Drive Drainage Repair PhII / S10001

Drainage - Storm Drain Pipes

Council District:	1	Priority Score:	91
Community Planning:	La Jolla	Priority Category:	High
Project Status:	Warranty	Contact Information:	Lotfi, Elham
Duration:	2009 - 2023		619-533-5212
Improvement Type:	Betterment		elotfi@sanidiego.gov

Description: This project will repair the erosion and damage to the lower La Jolla Canyon bounded by Alta La Jolla Drive and the cul-de-sac at Vickie Drive.

Justification: This project is part of the settlement agreement and limited release entered into by the La Jolla Alta Master Council and the City of San Diego.

Operating Budget Impact: The operating and maintenance funding for this project will be included in the Stormwater budget.

Relationship to General and Community Plans: This project is consistent with the La Jolla Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2010 and was completed in Fiscal Year 2013. However, the design plans and specifications had to be updated to comply with state and federal permits received in Fiscal Year 2014. Updated design was completed in Fiscal Year 2015. Construction began in Fiscal Year 2016 and was completed in Fiscal Year 2017. A five-year maintenance and monitoring period is required by the project permits. The project is anticipated to be completed in Fiscal Year 2023.

Summary of Project Changes: \$16,000 in General Fund CIP Contribution funding was allocated to the project in Fiscal Year 2022 via City Council ordinance for the remaining post-construction work.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
CIP Contributions from General Fund	400265	\$ 10,534	\$ 5,465	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,000
Private & Others Contrib-CIP	400264	6,206,105	-	-	-	-	-	-	-	-	-	6,206,105
Total		\$ 6,216,639	\$ 5,465	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,222,105

Stormwater

Carmel Country Road Low Flow Channel / S00969

Drainage - Channels

Council District:	1	Priority Score:	41
Community Planning:	Carmel Valley	Priority Category:	Low
Project Status:	Continuing	Contact Information:	Dastgheibi, Sara
Duration:	2012 - 2025		858-541-4369
Improvement Type:	New		sdastgheibi@sandiego.gov

Description: The Carmel Valley Creek Bike Path is located along the banks of Carmel Valley Creek and is heavily used daily by cyclists, runners, and pedestrians. The portion of the path which crosses the creek just upstream of the Carmel Country Road Bridge has experienced flooding during rain events preventing use by the public during and for days following rain events. This project provides drainage improvements to Carmel Creek downstream of the bike path to alleviate flooding. The project proposes channel enhancement and vegetation removal to improve drainage capacity of Carmel Creek in the vicinity of the bike path.

Justification: This project will provide for relief of water pooling the bike path crossing over the creek located just upstream of the Carmel Country Road Bridge and to the east of the bridge on the Palacio Del Mar property. This flooding condition has created a health and safety issue for area residents.

Operating Budget Impact: The operating and maintenance funding for this project will be included in the Stormwater budget.

Relationship to General and Community Plans: This project is consistent with the Carmel Valley Public Facilities Financing Plan (Project W-3) and is in conformance with the City's General Plan.

Schedule: Preliminary studies began in Fiscal Year 2012 and were completed in Fiscal Year 2014. The studies determined that the project needs to be re-scoped to meet project objectives. Once re-scoped, the project duration and costs will be determined.

Summary of Project Changes: The project description and schedule have been updated for Fiscal Year 2023.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
Carmel Valley Consolidated FBA	400088	\$ 529,743	\$ 2,182,256	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,712,000
Total		\$ 529,743	\$ 2,182,256	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,712,000

Stormwater

Chollas Creek Restoration 54th St & Euclid Ave / S22009

Drainage - Best Mgt Practices (BMPs)

Council District:	4 9	Priority Score:	91
Community Planning:	Mid-City: City Heights	Priority Category:	High
Project Status:	New	Contact Information:	Diab, Joseph
Duration:	2022 - 2026		619-533-4615
Improvement Type:	New		jdiab@sandiego.gov

Description: This project will restore and enhance segments of Chollas Creek channel from 54th St to Euclid Ave and stabilize the stream bank to reduce erosive flows and increase the channel's conveyance capacity. The project also includes a biofiltration basin north of the channel to improve water quality and help meeting Chollas Creek Total Maximum Daily Load (TMDL) goals by reducing pollutants load. The stream restoration will also increase jurisdictional habitat areas and yield additional storage volume to help decrease peak flow. In addition, the project incorporates public access, a pedestrian bridge, a hiking trail, and interpretive signage.

Justification: The project included the stream restoration of Las Chollas Creek from the culvert outlet at 54th street, at the northern upstream limit, down to the culvert outlet at Euclid Avenue, at the southern and downstream limit. The project study area which is located along the outer extents of a highly urbanized area in City Heights, shows signs of high-velocity, erosive flows. At several locations throughout the study area the creek has very steep, nearly vertical, side slopes, which may be unstable or tend to degrade if the creek is unchecked. In addition, the watershed to the project area does not have regional storm water quality measures in place, and significant amounts of trash and debris have been observed within the project area. This stream restoration project proposes stream restoration, water quality, and hydraulic conveyance improvements within the existing channel.

Operating Budget Impact: Operation and maintenance budget anticipated to be reduced due to channel enhancement and stream restoration. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with the Mid-City: City Heights Community Plan and is in conformance with the City's General Plan.

Schedule: Planning began in Fiscal Year 2022 and the schedule will be developed as part of the planning phase.

Summary of Project Changes: This is a newly published project for Fiscal Year 2023.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
CIP Contributions from General Fund	400265	\$ -	\$ -	\$ 982,855	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 982,855
Debt Funded General Fund CIP Projects	400881	35,498	214,502	-	-	-	-	-	-	-	-	250,000
Total		\$ 35,498	\$ 214,501	\$ 982,855	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,232,855

Stormwater

Flood Resilience Infrastructure / ACA00001

Drainage - Storm Drain Pipes

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Dastgheibi, Sara
Duration:	2010 - 2040		858-541-4369
Improvement Type:	New		sdastgheibi@sandiego.gov

Description: This annual allocation provides for reconstructing or replacing failed or undersized drainage facilities citywide.

Justification: This project provides for the high priority redesign and reconstruction of existing storm drain structures and pump stations. There are currently 1,148 miles of storm drains in the City of San Diego. These storm drains can fail because of a variety of reasons (system material, age, earth movement, etc.). The Operations and Maintenance Section of the Stormwater Department regularly cleans these systems and performs minor repairs; however, storm drain systems that require redesign and reconstruction are often encountered. There are also 15 pump stations in the City of San Diego that were installed in the early 1940's. Mechanical, structural, and electrical improvements and upgrades are needed to respond to the higher hydraulic demand due to the populations growth, and changes in the watershed land uses.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects are scheduled on a priority basis as funding is identified.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

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Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
Capital Outlay Fund	400002	\$ 5,333,886	\$ 830,833	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,164,719
Capital Outlay-Sales Tax	400000	222,626	-	-	-	-	-	-	-	-	-	222,626
CIP Contributions from General Fund	400265	12,696,259	439,819	13,200,000	-	-	-	-	-	-	-	26,336,079
College Area	400127	744,781	55,219	-	-	-	-	-	-	-	-	800,000
Debt Funded General Fund CIP Projects	400881	16,764,398	13,353,302	-	-	-	-	-	-	-	-	30,117,700
Deferred Maint Revenue 2009A-Project	400624	103,548	-	-	-	-	-	-	-	-	-	103,548
Deferred Maintenance Revenue 2012A-Project	400848	1,682,431	-	-	-	-	-	-	-	-	-	1,682,431
Financing	9300	-	-	-	18,500,000	-	-	-	-	-	-	18,500,000
General Fund Commercial Paper Notes	400869	30,493,456	313,486	-	-	-	-	-	-	-	-	30,806,943
Infrastructure Fund	100012	6,285,595	1,656,013	-	-	-	-	-	-	-	-	7,941,608
Mid City Urban Comm	400114	216,732	399,877	-	-	-	-	-	-	-	-	616,609
Muni Sewer Utility - CIP Funding Source	700008	12,604	237,396	-	-	-	-	-	-	-	-	250,000
Navajo Urban Comm	400116	1,020,806	819,813	-	-	-	-	-	-	-	-	1,840,619
North Park Urban Comm	400112	516,490	324,594	-	-	-	-	-	-	-	-	841,084
Other Debt Financing	9302	-	-	-	752,000	16,800,000	2,240,000	7,200,000	20,048,000	-	-	47,040,000
Pacific Beach Urban Comm	400117	750,000	32,380	-	-	-	-	-	-	-	-	782,380
PFFA Lease Revenue Bonds 2015A-Projects	400859	3,459,715	-	-	-	-	-	-	-	-	-	3,459,715
PFFA Lease Revenue Bonds 2015B-Project	400860	4,316,864	97,293	-	-	-	-	-	-	-	-	4,414,157
PFFA Lease Revenue Refunding Bonds 2013A - Project	400853	148,234	-	-	-	-	-	-	-	-	-	148,234
Private & Others Contrib-CIP	400264	149,768	232	-	-	-	-	-	-	-	-	150,000
SDTFC Series 2018C Tax Exempt	400868	3,929,297	-	-	-	-	-	-	-	-	-	3,929,297
Skyline/Paradise Urb Comm	400119	17,450	30,000	-	-	-	-	-	-	-	-	47,450
TransNet ARRA Exchange Fund	400677	240,504	-	-	-	-	-	-	-	-	-	240,504
TransNet Extension Congestion Relief Fund	400169	7,132,784	229,146	1,550,000	-	1,000,000	1,000,000	1,000,000	1,000,000	-	-	12,911,930
Unidentified Funding	9999	-	-	-	-	-	-	-	-	-	290,120,869	290,120,869
Uptown Urban Comm	400121	1,849,552	1,627,209	-	-	-	-	-	-	-	-	3,476,761
Total		\$ 98,087,785	\$ 20,446,613	\$ 14,750,000	\$ 19,252,000	\$ 17,800,000	\$ 3,240,000	\$ 8,200,000	\$ 21,048,000	\$ -	\$ 290,120,869	\$ 492,945,267

Stormwater

Maple Canyon Storm Drain Upgrade / S20003

Drainage - Channels

Council District:	2 3	Priority Score:	86
Community Planning:	Centre City; Uptown; Midway - Pacific Highway	Priority Category:	Medium
Project Status:	Continuing	Contact Information:	Lotfi, Elham
Duration:	2021 - 2029		619-533-5212
Improvement Type:	Replacement		elotfi@sanidiego.gov

Description: Project aims to replace, realign, and upgrade approximately 3,000 feet of existing drainage system between the San Diego Airport, a private industrial Facility, and Pacific Highway.

Justification: The existing alignment of the pipes prevents maintenance and repairs from occurring because a large portion of the system flows underneath a private property. The system is significantly undersized to convey the flow and sediment coming from the large connected tributary Maple Canyon watershed located upstream of the project which historically caused severe flooding in the project area resulting in significant property damage.

Operating Budget Impact: No additional maintenance costs are anticipated. The pipes will be relocated to the public Right of Way and enhanced; therefore, maintenance costs should be reduced for this system.

Relationship to General and Community Plans: This project is consistent with the Centre City Plan, Uptown Community Plan, Midway - Pacific Highway Plan, and is in conformance with the City's General Plan.

Schedule: A feasibility study began in Fiscal Year 2021 and is anticipated to be completed in Fiscal Year 2023. The project design and construction schedule are dependent on the outcome of the feasibility study and will be determined in the future.

Summary of Project Changes: \$500,000 in Debt Funded General Fund CIP funding and \$75,000 in Capital Outlay funding was allocated to the project in Fiscal Year 2022 via City Council resolution. Total project cost has increased \$5,750,000 due to revised estimates. Project Community Planning area and Council Districts have been updated for Fiscal Year 2023.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
Capital Outlay Fund	400002	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	75,000
CIP Contributions from General Fund	400265	40,305	-	-	-	-	-	-	-	-	-	40,305
Debt Funded General Fund CIP Projects	400881	58,144	901,551	-	-	-	-	-	-	-	-	959,695
Unidentified Funding	9999	-	-	-	-	-	-	-	-	-	34,925,000	34,925,000
Total		\$ 98,448	\$ 976,551	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,925,000	\$ 36,000,000

Stormwater

Pump Station D Upgrade / S22015

Drainage - Pump Stations

Council District:	2	Priority Score:	43
Community Planning:	Midway - Pacific Highway	Priority Category:	Low
Project Status:	New	Contact Information:	Van Martin, Debbie
Duration:	2022 - 2028		619-533-6651
Improvement Type:	Replacement - Retrofit		dvanmartin@sandiego.gov

Description: Comprehensive improvements of structural, mechanical and electrical components to increase the Pump Station capacity and upgrade all components to current standards to protect the surrounding community from flooding. B17119 (ACA00001) was converted to a standalone project in Fiscal Year 2022.

Justification: Pump Station D (PS-D) is located at 3992 Rosecrans St. in San Diego, California, PS-D is one of the City's larger storm water facilities and serves an area of approximately 500 acres. PS-D was constructed in the 1940s to help service drainage from the Old Town San Diego area northeast of I-5 and south of I-8, portions of the industrial area between Pacific Highway and I-5, and portions of the Rosecrans corridor from I-5 south to Sports Arena and Midway. Based on recent analysis, Pump station D currently is undersized and not capable of handling the 50-Yr and 100-Yr storm events which causes flooding within the drainage basin. Therefore, the project proposes electrical, structural, and mechanical improvements to increase pump station capacity and upgrade the components to the current standard requirements.

Operating Budget Impact: Operation and maintenance budget anticipated to be reduced due to reduced flooding frequency.

Relationship to General and Community Plans: This project is consistent with the Midway-Pacific Highway Community Plan and is in conformance with the City's General Plan.

Schedule: Design began in Fiscal Year 2018 and is anticipated to be completed Fiscal Year 2024. Construction is anticipated to begin in Fiscal Year 2024.

Summary of Project Changes: This is a newly published project for Fiscal Year 2023.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
CIP Contributions from General Fund	400265	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000
Midway/Pacific Hwy Urban Comm	400115	317,834	1,204,773	-	-	-	-	-	-	-	-	1,522,608
Total		\$ 317,834	\$ 1,204,773	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,022,607

Stormwater

SD River Dredging Qualcomm Way to SR163 / S00606

Drainage - Channels

Council District:	7	Priority Score:	69
Community Planning:	Mission Valley	Priority Category:	Medium
Project Status:	Underfunded	Contact Information:	Dastgheibi, Sara
Duration:	2007 - 2027		858-541-4369
Improvement Type:	Betterment		sdastgheibi@sandiego.gov

Description: This project provides removal of all necessary sediment that has been deposited into San Diego River because of discharge from four 84 inches CMP storm drain to return the channel to its original design. The project area is located within the San Diego River channel on the east side of state route 163 to Mission Center Road.

Justification: This project will return the San Diego River channel to its original design by removing necessary sediment. As a result, the adjacent properties will be protected from potential flooding during severe rain events. Additionally, accumulated sediment samples were reported to have concentrations of TPH, VOCs, Arsenic and Chromium above laboratory reporting limits that justify sediment removal projects.

Operating Budget Impact: Soundings of the river and other ancillary costs related to maintaining the San Diego River channel between State Route 163 and Qualcomm Way are part of the maintenance obligations of the First San Diego River Improvement Project Maintenance Assessment District.

Relationship to General and Community Plans: This project is consistent with the Mission Valley Community Plan and the First San Diego River Improvement Project Natural Resource Management Plan and is in conformance with the City's General Plan.

Schedule: The mitigation site was approved in Fiscal Year 2019. Redesign is required to meet permit requirements. Design and construction will be scheduled contingent upon the identification of funding.

Summary of Project Changes: \$25,000 in Capital Outlay funding was allocated to this project in Fiscal Year 2022 via City Council resolution.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
Capital Outlay Fund	400002	\$ 9,555	\$ 15,444	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	25,000
CIP Contributions from General Fund	400265	98,913	-	-	-	-	-	-	-	-	-	98,913
Deferred Maintenance Revenue 2012A-Project	400848	15,087	-	-	-	-	-	-	-	-	-	15,087
First SD River Imp. Project CIP Fund	200054	271,191	-	-	-	-	-	-	-	-	-	271,191
First SD River Imp. Project MAD Fund	200053	138,841	14,967	-	-	-	-	-	-	-	-	153,809
Infrastructure Fund	100012	177,313	97,687	-	-	-	-	-	-	-	-	275,000
Unidentified Funding	9999	-	-	-	-	-	-	-	-	-	1,075,000	1,075,000
Total		\$ 710,901	\$ 128,098	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,075,000	\$ 1,914,000

Stormwater

Stormwater Green Infrastructure / ACC00001

Drainage - Best Mgt Practices (BMPs)

Council District:	Citywide	Priority Score:	Annual
Community Planning:	Citywide	Priority Category:	Annual
Project Status:	Continuing	Contact Information:	Dastgheibi, Sara
Duration:	2010 - 2040		858-541-4369
Improvement Type:	Betterment		sdastgheibi@sandiego.gov

Description: This annual allocation provides for the design and construction of green infrastructure, restoration, and revitalization capital projects. These projects, in conjunction with non-structural water quality projects, address storm drain discharge water quality standards.

Justification: The purpose of these projects is to remove pollutants from stormwater before it enters the City's public waterways or to reuse the stormwater and keep it from entering public waterways. This results in reduced pollutants entering the ocean and various San Diego rivers and bays. These projects satisfy watershed-based water quality activity requirements in the Regional Water Quality Control Board's Municipal Stormwater National Pollutant Discharge Elimination System (NPDES) permit.

Operating Budget Impact: None.

Relationship to General and Community Plans: This project is consistent with the applicable community plans and is in conformance with the City's General Plan.

Schedule: Projects will be scheduled to address pollutants of concern within high priority watersheds and are planned based on regulatory requirements and as funding is allocated.

Summary of Project Changes: Total project cost has increased due to updates to the cost and schedule of subprojects.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
Capital Outlay Fund	400002	\$ 1,102,261	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,102,261
CIP Contributions from General Fund	400265	6,980,675	561,796	8,845,265	-	-	-	-	-	-	-	16,387,737
Debt Funded General Fund CIP Projects	400881	3,245,799	13,871,524	-	-	-	-	-	-	-	-	17,117,323
Deferred Maintenance Revenue 2012A-Project	400848	828,055	-	-	-	-	-	-	-	-	-	828,055
Financing	9300	-	-	-	8,500,000	27,000,000	-	-	-	-	-	35,500,000
General Fund Commercial Paper Notes	400869	11,779,542	393,034	-	-	-	-	-	-	-	-	12,172,575
Grant Fund - Federal	600000	-	5,975,582	-	5,975,582	-	-	-	-	-	-	11,951,164
Grant Fund - State	600001	630,500	-	-	3,100,000	-	-	-	-	-	-	3,730,500
Infrastructure Fund	100012	614,734	69,066	-	-	-	-	-	-	-	-	683,801
Other Debt Financing	9302	-	-	-	3,948,000	88,200,000	11,760,000	37,800,000	105,252,000	-	-	246,960,000
PFFA Lease Revenue Bonds 2015A-Projects	400859	2,039,554	-	-	-	-	-	-	-	-	-	2,039,554
PFFA Lease Revenue Bonds 2015B-Project	400860	1,476,896	-	-	-	-	-	-	-	-	-	1,476,896
PFFA Lease Revenue Refunding Bonds 2013A - Project	400853	597,094	-	-	-	-	-	-	-	-	-	597,094
Private & Others Contrib-CIP	400264	-	1,173,779	-	1,476,982	1,980,514	1,980,514	1,974,928	6,605	-	-	8,593,322
Refuse Disposal CIP Fund	700040	22,758	392,507	-	-	-	-	-	-	-	-	415,265
Rose & Tecolote Creek Water Quality	400631	183,284	-	-	-	-	-	-	-	-	-	183,284
SC-RDA Contribution to CIP Fund	200353	98,174	-	-	-	-	-	-	-	-	-	98,174
Unidentified Funding	9999	-	-	-	-	-	-	-	-	-	1,001,637,347	1,001,637,347
Water Utility - CIP Funding Source	700010	129,398	579,326	-	-	-	-	-	-	-	-	708,724
Total		\$ 29,728,726	\$ 23,016,614	\$ 8,845,265	\$ 23,000,564	\$ 117,180,514	\$ 13,740,514	\$ 39,774,928	\$ 105,258,605	\$ -	\$ 1,001,637,347	\$ 1,362,183,078

Stormwater

Upper Auburn Creek Revitalization Project / S22008

Drainage - Best Mgt Practices (BMPs)

Council District:	9	Priority Score:	64
Community Planning:	Mid-City: City Heights	Priority Category:	Medium
Project Status:	New	Contact Information:	Diab, Joseph
Duration:	2022 - 2028		619-533-4615
Improvement Type:	New		jdiab@sandiego.gov

Description: This project proposes flood resilience improvements, green infrastructure features and stream restoration. The project will alleviate flooding and reduce erosion through the replacement and upgrade of existing severely undersized culverts and channel widening. It also includes a biofiltration basin north of the channel to improve water quality and help meeting Chollas Creek Total Maximum Daily Load (TMDL) goals by reducing pollutants load. The stream restoration will also increase jurisdictional habitat areas and yield additional storage volume to help decrease peak flow. In addition, the project incorporates public access, a pedestrian bridge, a hiking trail, and interpretive signage.

Justification: The Auburn Creek channel between University Avenue and Auburn Drive frequently experiences storm events that cause flooding of adjacent areas, including residential structures, roads, and public parks. Auburn Creek also shows signs of severe erosion caused by high-velocity flows and restricted creek capacity along much of the creek corridor. There is also significant illegal dumping occurs along this stretch, resulting in large amounts of trash and debris that are conveyed into the existing creek. The project proposes creek widening, pedestrian trail, water quality basin, and culvert improvements.

Operating Budget Impact: Operation and maintenance budget anticipated to be reduced due to channel enhancement and stream restoration. As the project develops and progresses, operating impacts will be identified.

Relationship to General and Community Plans: This project is consistent with the Mid-City: City Heights Community Plan and is in conformance with the City's General Plan.

Schedule: Planning began in Fiscal Year 2022 and the schedule will be developed as part of the planning phase.

Summary of Project Changes: This is a newly published project for Fiscal Year 2023.

Expenditure by Funding Source

Fund Name	Fund No	Exp/Enc	Con Appn	FY 2023	FY 2023 Anticipated	FY 2024	FY 2025	FY 2026	FY 2027	Future FY	Unidentified Funding	Project Total
CIP Contributions from General Fund	400265	\$ -	\$ -	\$ 982,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 982,856
Debt Funded General Fund CIP Projects	400881	41,412	208,588	-	-	-	-	-	-	-	-	250,000
Total		\$ 41,411	\$ 208,588	\$ 982,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,232,856

Unfunded Needs List

Stormwater

Project	Project Total	Unidentified Funding	Percent Unfunded	Description
SD River Dredging Qualcomm Way to SR163 / S00606	\$ 1,914,000	\$ 1,075,000	56.17 %	This project provides for removal of a small island of sediment within the San Diego River. The unidentified funding is needed for redesign and implementation of this project.
Flood Resilience Infrastructure / ACA00001	\$ 492,945,267	\$ 290,120,869	58.85 %	This annual allocation provides for restructuring or replacing failed flood resilience infrastructure citywide. The unidentified funding amount reflects the estimated funding to address the deferred capital needs of the City's General Fund supported flood resilience infrastructure projects based on condition assessments.
Stormwater Green Infrastructure / ACC00001	\$ 1,362,183,078	\$ 1,001,637,347	73.53 %	This annual allocation provides for the design and construction of green infrastructure capital projects. These projects, in conjunction with non-structural water quality projects, address storm drain discharge water quality standards. The unidentified funding amount reflects the estimated funding to address the deferred capital needs of the City's General Fund supported green infrastructure projects.
Maple Canyon Storm Drain Upgrade / S20003	\$ 36,000,000	\$ 34,925,000	97.01 %	This project provides for realignment and abandonment of approximately 3,000 feet of existing 54-inch and 36-inch reinforced concrete pipe (RCP) with approximately 3,500 feet of new storm drains ranging from 4.5 feet to 8 feet (two barrels) in sizes. The project has identified sufficient funding to conduct a feasibility study. The planning, design, and construction phases are currently unfunded.
Total		\$ 1,327,758,216		