

Capital Improvements Program

Project Types

The Capital Improvements Program (CIP) uses a variety of project types, which are a more specific manner of categorizing the kind of improvement provided by each project. Below is a description of each of the major project types along with a summary schedule of their budgets.

Airport Assets

Airport Assets include anything related to the two airports that the City of San Diego oversees, Montgomery and Brown Field Airports. These assets are managed by the Airports Division and the Airport Assets Project Types can be seen below in **Table 1**.

Table 1: Airport Assets

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|----------------|---------------------|-----------------|---------------------|--------------------|
| Airport Assets | \$ 4,216,494 | \$ - | \$ - | 4,216,494 |
| Total | \$ 4,216,494 | \$ - | \$ - | 4,216,494 |

Building

Buildings projects refer to the construction, expansion, or capital upgrade of any building or facility that the City owns regardless of the department that operates it. They are further broken down into more descriptive asset types that often describe the department that occupies the asset as well as a more specific building type which can be seen below in **Table 2**.

Table 2: Building

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|---|-----------------------|----------------------|-------------------------|-------------------------|
| Bldg - Libraries | \$ 35,604,785 | \$ 550,000 | \$ 33,831,438 | \$ 69,986,223 |
| Bldg - MWWWD - Laboratories | 3,430,851 | 1,500,000 | 114,500,000 | 119,430,851 |
| Bldg - MWWWD - Pump Stations | 93,658,585 | 3,935,000 | 41,921,904 | 139,515,489 |
| Bldg - MWWWD - Treatment Plants | 47,837,920 | 41,955,182 | 66,284,097 | 156,077,199 |
| Bldg - Operations Facility / Structures | 74,680,896 | - | 15,400,000 | 90,080,896 |
| Bldg - Other City Facility / Structures | 172,745,952 | 7,671,325 | 1,233,159,008 | 1,413,576,285 |
| Bldg - Parks - Recreation/Pool Centers | 37,225,102 | 580,635 | 18,419,819 | 56,225,556 |
| Bldg - Pub Safety - Fire Fac / Struct | 58,745,575 | 2,500,000 | 89,339,444 | 150,585,019 |
| Bldg - Pub Safety - Lifeguard Stations | 764,822 | - | 6,492,777 | 7,257,599 |
| Bldg - Pub Safety - Police Fac / Struct | 9,300,000 | - | 6,800,000 | 16,100,000 |
| Bldg - Water - Pump Stations | 61,213,558 | 9,650,000 | 28,058,281 | 98,921,839 |
| Bldg - Water - Reservoirs/Dams | 2,000,000 | - | 16,200,000 | 18,200,000 |
| Bldg - Water - Standpipes | 146,704,594 | 1,705,577 | 43,657,006 | 192,067,177 |
| Bldg - Water - Treatment Plants | 3,769,966 | 5,434,166 | 39,767,360 | 48,971,492 |
| Bldg - Water - Wells | 2,250,000 | - | 381,494 | 2,631,494 |
| Total | \$ 749,932,606 | \$ 75,481,885 | \$ 1,754,212,628 | \$ 2,579,627,119 |

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Drainage

Drainage projects are related to the stormwater system which consists of channels, pump stations, and storm drain piping. These assets are primarily managed by the Stormwater Department and the Drainage Project Types can be seen below in **Table 3**.

Table 3: Drainage

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|--------------------------------------|-----------------------|---------------------|-------------------------|-------------------------|
| Drainage - Best Mgt Practices (BMPs) | \$ 28,769,544 | \$ - | \$ 1,145,454,045 | \$ 1,174,223,589 |
| Drainage - Channels | 1,870,398 | - | 30,850,000 | 32,720,398 |
| Drainage - Storm Drain Pipes | 112,162,416 | 2,000,000 | 299,359,583 | 413,521,999 |
| Total | \$ 142,802,357 | \$ 2,000,000 | \$ 1,475,663,628 | \$ 1,620,465,985 |

Golf Courses

Golf projects are related to the three golf courses owned by the City of San Diego which are: Torrey Pines Golf Course, Balboa Golf Course, and Mission Bay Golf Course and Practice Center. These assets are managed by the Parks & Recreation Department and the Golf Project Types can be seen below in **Table 4**.

Table 4: Golf Courses

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|--------------|----------------------|---------------------|---------------------|----------------------|
| Golf Courses | \$ 31,586,467 | \$ 3,510,000 | \$ 2,000,000 | \$ 37,096,467 |
| Total | \$ 31,586,467 | \$ 3,510,000 | \$ 2,000,000 | \$ 37,096,467 |

Intangible Assets - Information Tech

Intangible Asset projects deal with non-physical assets having a useful life greater than one year. Typical intangible assets include: easements, water rights, patents, trademarks, and computer software. Currently the City has capital projects that involve computer software, websites, and software licenses. The Intangible Assets Project Type can be seen below in **Table 5**.

Table 5: Intangible Assets - Information Tech

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|--------------------------------------|----------------------|-------------------|---------------------|----------------------|
| Intangible Assets - Information Tech | \$ 16,390,797 | \$ 395,000 | \$ 50,000 | \$ 16,835,797 |
| Total | \$ 16,390,797 | \$ 395,000 | \$ 50,000 | \$ 16,835,797 |

Landfills

Landfill projects take place at landfills owned by the City of San Diego and are managed by the Environmental Services Department. Some typical projects include operations yard improvements, groundwater monitoring projects, and other landfill improvements to maintain regulatory compliance. The Landfills Project Types can be seen below in **Table 6**.

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Table 6: Landfills

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|--------------|----------------------|---------------------|---------------------|----------------------|
| Landfills | \$ 52,474,262 | \$ 5,586,000 | \$ 800,000 | \$ 58,860,262 |
| Total | \$ 52,474,262 | \$ 5,586,000 | \$ 800,000 | \$ 58,860,262 |

Parks

The Parks & Recreation Department manages a wide variety of park projects. They are further broken down into more descriptive asset types such as mini parks (1-acre to 3-acres without a comfort station) and community parks (at least 13 acres, meant to serve a population of 25,000 with comfort stations and parking). These project types and more can be seen below in **Table 7**.

Table 7: Parks

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|-----------------------------|-----------------------|----------------------|-----------------------|-----------------------|
| Parks - Community | \$ 25,359,563 | \$ 1,000,000 | \$ 20,853,085 | \$ 47,212,648 |
| Parks - Mini Parks | 20,809,595 | 175,485 | 611,930 | 21,597,010 |
| Parks - Miscellaneous Parks | 179,624,883 | 3,687,956 | 61,770,136 | 245,082,975 |
| Parks - Neighborhood | 64,553,395 | 9,734,213 | 22,489,258 | 96,776,866 |
| Parks - Open Space | 6,151,754 | 70,000 | 1,583,973 | 7,805,727 |
| Parks - Resource Based | 2,466,535 | - | - | 2,466,535 |
| Parks - Shorelines | 882,907 | - | 1,817,094 | 2,700,001 |
| Parks - Trails | 1,508,642 | 900,000 | 143,958 | 2,552,600 |
| Total | \$ 301,357,274 | \$ 15,567,654 | \$ 109,269,434 | \$ 426,194,362 |

Potable Reuse

Potable Reuse projects are needed to meet the new permit requirement stipulated in the 2015 Point Loma Wastewater Treatment Plant permit application and to reduce reliance on external water sources by providing an uninterrupted local water supply. These assets are managed by the Public Utilities Department and the Potable Reuse Project Type can be seen below in **Table 8**.

Table 8: Potable Reuse

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|---------------|-----------------------|-----------------------|-----------------------|-------------------------|
| Potable Reuse | \$ 672,312,138 | \$ 360,465,234 | \$ 528,387,811 | \$ 1,561,165,183 |
| Total | \$ 672,312,138 | \$ 360,465,234 | \$ 528,387,811 | \$ 1,561,165,183 |

Reclaimed Water System

The Reclaimed Water System is made up of pipelines and reservoirs, distinctly identifiable by their utilization of purple pipes, that transport treated water that was once seen as waste and is usable for non-consumption tasks such as landscaping. These assets are managed by the Public Utilities Department and the Reclaimed Water System Project Types can be seen below in **Table 9**.

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Table 9: Reclaimed Water System

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|------------------------------------|--------------------|-----------------|---------------------|--------------------|
| Reclaimed Water System - Pipelines | \$ 50,000 | \$ - | \$ - | 50,000 |
| Total | \$ 50,000 | \$ - | \$ - | 50,000 |

Transportation

Transportation projects include a variety of different project subtypes. Some of these include roadways, traffic signals, sidewalks, bridges, and bicycle facilities. These assets are primarily managed by the Transportation Department and the Transportation Project Types can be seen below in **Table 10**.

Table 10: Transportation

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|---|-----------------------|----------------------|-------------------------|----------------------|
| Trans - Bicycle Facilities (All Class.) | \$ 35,806,372 | \$ 10,694,866 | \$ 138,389,771 | 184,891,009 |
| Trans - Bridge - Vehicular | 371,130,746 | 150,000 | 186,028,117 | 557,308,863 |
| Trans - Ped Fac - Sidewalks | 41,298,232 | 5,725,000 | 158,171,601 | 205,194,833 |
| Trans - Roads/Widening/Reconfiguration | 16,103,238 | 727,500 | 26,689,262 | 43,520,000 |
| Trans - Roadway | 350,913,585 | 18,149,504 | 625,454,353 | 994,517,442 |
| Trans - Roadway - Enhance/Scape/Medians | 30,601,768 | 2,820,000 | 13,750,000 | 47,171,768 |
| Trans - Roadway - Erosion/Slope/Ret Wall | 4,597,720 | - | - | 4,597,720 |
| Trans - Roadway - GRails/BRails/Safety | 8,996,961 | 758,668 | 27,705,332 | 37,460,961 |
| Trans - Roadway - Street Lighting | 9,810,559 | 2,150,000 | 263,451,999 | 275,412,558 |
| Trans - Signals - Calming/Speed Abatement | 14,409,237 | 1,275,000 | 10,339,433 | 26,023,670 |
| Trans - Signals - Traffic Signals | 28,678,556 | 6,157,716 | 150,376,285 | 185,212,557 |
| Total | \$ 912,346,974 | \$ 48,608,254 | \$ 1,600,356,153 | 2,561,311,381 |

Wastewater

Wastewater projects largely consist of mains and trunk sewers which are used to transport and treat waste for nearly 2.5 million customers in the City of San Diego and surrounding areas. The assets are managed by the Public Utilities Department and the Wastewater Project Types can be seen below in **Table 11**.

Table 11: Wastewater

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|---|-----------------------|-----------------------|-----------------------|--------------------|
| Wastewater - Collection Sys - Main | \$ 398,644,038 | \$ 84,884,773 | \$ 264,909,003 | 748,437,814 |
| Wastewater - Collection Sys - Trunk Swr | 87,822,339 | 27,153,751 | 117,276,453 | 232,252,543 |
| Total | \$ 486,466,376 | \$ 112,038,524 | \$ 382,185,456 | 980,690,356 |

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Water

Water projects include distribution and transmission systems that allow the City to provide water to approximately 1.3 million customers in the City of San Diego. These assets are managed by the Public Utilities Department and the Water Project Types can be seen below in **Table 12**.

Table 12: Water

| Project Type | Prior Fiscal Years | FY 2022 Adopted | Future Fiscal Years | Project Type Total |
|---|-----------------------|-----------------------|------------------------|-------------------------|
| Water - Distribution Sys - Distribution | \$ 572,998,307 | \$ 129,975,427 | \$ 300,786,459 | \$ 1,003,760,193 |
| Water - Distribution Sys - Transmission | 235,096,703 | 35,897,663 | 273,479,208 | 544,473,574 |
| Total | \$ 808,095,010 | \$ 165,873,090 | \$ 574,265,667 | \$ 1,548,233,767 |