

Capital Improvement Program Profile of the City of San Diego's CIP

Profile of the City of San Diego's CIP

Budgeting Best Practices

The City of San Diego's Capital Improvements Program (CIP) is a multi-year forecast of capital needs which includes new construction projects and planned improvements of existing facilities. The CIP establishes structure and consistency by identifying, prioritizing, approving, and funding capital improvement projects through coordination of the participating City departments and the Mayor's Capital Improvements Program Review and Advisory Committee (CIPRAC). Implementation of CIP projects is based on the City's adopted General Plan and applicable community plans.

In accordance with the City's budget policy (City Council Policy 000-31), the following pieces of information are included for all CIP projects that have completed preliminary engineering:

Table 1: Project Information

Items	Description
Description	Narration that clearly establishes the nature of the capital project. Projects include, but are not limited to, the construction, purchase, or major renovation of buildings, utility systems, and other facilities; in addition to land acquisition and roadway projects.
City Department	The Department responsible for managing the asset.
Project Type	A categorized breakdown of the type of facility being constructed or improved. The Project Types section provides greater detail.
Improvement Type	A Description of the project's impact on existing assets. A project may be identified as providing betterment, expansion, replacement, or widening of an existing City asset or the project may result in a new asset to the City.

The City's CIP prioritization process establishes guidelines for project selection and an objective process for numerically ranking projects. This provides decision-makers with a basis for optimizing the use of available funding resources. City Council Policy 800-14, Prioritizing Capital Improvement Program Projects, updated in November 2013, details the purpose, process, and implementation of the City's prioritization process. For further information on priority scores and policies, see the **Project Prioritization** section.

Funding for the CIP is programmed from a variety of sources, including: sewer and water fees, a one half-cent local sales tax for transportation improvements, development impact fees, facilities benefit assessments, private donations, the sale of City-owned property, and State and Federal grants. Financing in the form of bonds, lease purchase, or commercial paper may be utilized for large and/or costly projects, and deferred capital project needs.

Additionally, the City takes cash management funding strategies into consideration in the programming of projects. Annual allocations are budgeted each year and allow the City to better plan for the expansion, renovation, reallocation, or replacement of facilities, as well as providing for emergency and accelerated construction needs. This type of financial planning allows the City to better address State and Federal standards. Phase funding provides a process by which large

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projects are budgeted in an efficient manner that maximizes the use of available funds for each stage. This method of funding allows the contract or project to be divided into clearly defined phases which are contracted for independently, allowing the funds to be phased into the project based on the timing of expenses.

Identification and estimation of unfunded needs, or unidentified funding, provides a method for communicating resource requirements of projects that are not fully funded and for which a funding source has not yet been identified. Some CIP project schedules indicate an undetermined timeline with unfunded needs as a mechanism to communicate intent or community support for improvements.

The operating budget impact included on many CIP projects provides a reasonable estimate of a capital project's effect on the operating budget of the asset managing department. New or expanded capital projects can lead to increased programs which require additional personnel and non-personnel expenditures. Conversely, capital enhancements, such as energy efficiencies, may reduce ongoing operating or maintenance expenditures. Explanation of the operating budget impact establishes the connection between the construction of an asset and the required operational needs following project completion.

CIP project cost estimates are developed by City departments based on capital asset type and commonly accepted methodology to determine a project cost that is complete, reliable, attainable, and easily verified. Project budgets consist of identified or potential funding sources and previously allocated funding. Outlying fiscal year estimates do not include an inflation factor, unless specifically noted. City departments are responsible for the regular monitoring of expenditures, encumbrances, and continuing appropriations of authorized CIP budgets in order to ensure accuracy and accountability within each project. Financial data referenced in the budget includes total costs and fund allocations since project inception. This CIP budget and the corresponding reported expenses are prepared based on the applicable generally accepted accounting principles (GAAP).

The CIP budget is the mechanism that implements the CIP and fulfills a requirement of the City Charter (Section 69). The City Council annually approves the CIP budget and the allocation of funds for the included projects via the Appropriations Ordinance (AO) which establishes capital spending limits for a given fiscal year. These limits include appropriations carried forward from prior years as authorized in the City Charter (Section 84). Although the budget includes a provision for current year anticipated funding, these funds are not included in the AO as they are either not certain to be received within the fiscal year or the appropriation of the funds will require additional legal authority. Spending limits, based on updated information, can be amended during the year through City Council action. For example, a grant may be shown as anticipated until all related documents are fully executed. The agreements must be accepted, and the funding appropriated via an approved Council resolution.

CIP Streamlining and Transparency

In accordance with Council Policy 000-31, Capital Improvements Program Transparency, the Fiscal Year 2020 Proposed CIP Budget document includes the following information:

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- A list of projects entering into construction contracts can be found in the **Fiscal Year 2020 Proposed CIP Budget Summary**. This allows for a City Council review of the contracts as part of the budget process, rather than requiring a project to return to City Council later in the fiscal year.
- All projects in the Fiscal Year 2020 Proposed CIP Budget have been organized into four project status categories as shown in **Table 3** at the end of this section. The project status categories are:
 - New: projects that are newly established as part of the Fiscal Year 2020 Proposed Budget
 - Continuing: projects initiated in Fiscal Year 2019, or in a prior year, and are currently in progress
 - Warranty: projects that are technically completed, and the asset has been put into service, but have not yet been closed
 - Underfunded: projects that are on hold due to lack of funding
- Details of funding sources and proposed Fiscal Year 2020 allocations for City Council approval can be found in the **Fiscal Year 2020 Proposed CIP Budget Summary**.
- Department narratives have been included for each asset managing department in conjunction with a list of that department's projects and precede each department's project pages.
- A CIP webpage (<http://www.sandiego.gov/cip/>) provides project information, including project location maps, which can be accessed by the public.

In addition to the streamlining measures above, Department of Finance will release two Semi-Annual CIP Budget Monitoring Reports during Fiscal Year 2019; one was released in November 2018 (Report No: 19-280) and the other will be released in May 2019. These CIP monitoring reports provided an update on the status of the implementation of CIP cash management process improvement measures and the efficiencies gained, as well as a consolidated request for City Council action on behalf of all City departments. The purpose of these improvements, which includes an internal CIP monitoring process, CIP budget review process, pooling project contingencies, encumbrance policy improvements, and a commercial paper program, is to manage cash in the CIP as efficiently and effectively as possible. A total of more than \$74 million in project savings and reallocations from cash management and streamlining efforts were included in the Fiscal Year 2019 Mid-Year CIP Monitoring Report.

CIP Performance Measures

In order to evaluate the success of the execution of the City's entire Capital Improvements Program, the following performance measures will be tracked and reported to the Infrastructure Committee twice a year as part of the State of the CIP Report. These six measures were designed to give an accurate and transparent account of ongoing CIP activity:

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- The total amount expended on CIP projects
- The value of CIP contracts awarded for construction
- The value of CIP construction of assets in service
- The average number of days from bid opening to construction contract award for CIP projects
- The number of notices of award for CIP construction contracts
- The percentage of all CIP funds awarded through construction and consultant contracts that are restricted to Small Local Business Enterprise (SLBE)/Emerging Local Business Enterprise (ELBE) certified firms

Five-Year Capital Infrastructure Planning Outlook

Buildings, infrastructure, technology, and major equipment are the foundation for providing services to the City's constituents. Therefore, the procurement, construction, and maintenance of capital assets are a critical activity of the City. Careful planning involves ongoing review of the City's capital needs and funding programs to develop an integrated capital asset management system. A prudent multi-year capital plan will identify and prioritize expected needs based on a community's strategic plan, establish project scope and cost, detail estimated amounts of funding from various sources, and project future operating and maintenance costs that will extend well beyond one year.

On January 24, 2019, the Public Works Department released its Five-Year Capital Infrastructure Planning Outlook (CIP Outlook) report. The CIP Outlook presents a comprehensive overview of the City's CIP including current driving factors, reviews of service level standards, a discussion of condition assessment impacts, and a cost analysis which spans over multiple fiscal years. The CIP Outlook is released on an annual basis and will be used as a guide in developing the City's Annual Capital Improvement Program Budget.

The City's CIP budget incorporates five fiscal years of budget data. It includes all on-going projects with details of current budget-to-date and expended/encumbered funding, while also detailing future revenue estimates and forecasting future needs. The budget serves as a planning tool for balancing anticipated funding with community needs and requests. The CIP budget not only shows the current adopted budget but is a reflection of future intent. Projected budgets shown for the next four fiscal years are not a part of the annual Appropriations Ordinance adopted by City Council.

Future year funding is based upon estimated revenue from various sources. For example:

- Development Impact Fees (DIF) are dependent upon the rate of development in communities. Although current projections show that revenue is anticipated to be received, the actual fees collected may differ from those assumed in the five-year plan.
- TransNet revenue estimates are based upon sales tax projections. These estimates are utilized in preparation of the TransNet five-year program of projects as required by the San Diego Association of Governments (SANDAG) for compliance with the Regional Transportation Improvement Program (RTIP).

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- The City's enterprise funds are received directly from fees and charges to users. These funding sources are reflected in the Airports, Environmental Services, Parks & Recreation, and Public Utilities Departments. Anticipated funding from these sources is based on revenue trends and fees or rate schedules.

For projects without sufficient identified funding, the balance required to fulfill the engineer's cost estimate is included on the unfunded needs list. It should also be noted that project cost estimates reflect uninflated dollars and are not adjusted for market volatility.

Table 2 provides expected revenues in major fund source categories for the current budget year and the following four years of the multi-year CIP

Table 2: Five-Year CIP by Funding Source (in thousands of dollars)

Funding Source	FY2020	FY 2020 Anticipated	FY2021	FY2022	FY2023	FY2024	Total by Source
Antenna Lease Fund	\$ -	\$ 55	\$ -	\$ -	\$ -	\$ -	\$ 55
Bond Financing	-	54,568	27,174	22,598	23,380	21,638	149,358
Bus Stop Capital Improvement Fund	-	-	-	106	190	-	296
Capital Outlay - Other	-	20,556	-	-	-	-	20,556
Developer Funding	-	19	-	-	-	-	19
Development Impact Fees	-	(2,432)	-	-	-	-	(2,432)
Donations	-	30,250	-	-	-	-	30,250
Energy Conservation Program Fund	-	-	500	500	500	500	2,000
Enhanced Infrastructure Financing District Fund	-	728	-	-	-	-	728
Facilities Benefit Assessments	-	43,740	-	-	-	-	43,740
Federal Grants	-	32,347	-	20,696	-	-	53,043
Fleet Services Internal Service Fund	1,271	5,617	2,500	-	-	-	9,388
Gas Tax Fund	4,156	-	2,181	2,915	1,180	1,944	12,376
General Fund	258	(26)	-	-	-	-	232
Golf Course Enterprise Fund	3,000	-	-	-	-	-	3,000
Infrastructure Fund	7,601	384	8,954	4,060	-	-	20,999
Mission Bay Park Improvement Fund	7,735	-	8,149	8,572	9,004	9,444	42,905
Mission Trails Regional Park Fund	195	-	201	207	213	220	1,037
Other Funding	-	1,509	-	-	-	-	1,509
Other Grants	-	3,086	-	-	-	-	3,086
Parking Meter Districts	-	9,200	-	-	-	-	9,200
Recycling Fund	1,100	-	-	-	-	-	1,100

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Funding Source	FY2020	FY 2020 Anticipated	FY2021	FY2022	FY2023	FY2024	Total by Source
Redevelopment Funding	-	5,500	7,050	-	-	-	12,550
Refuse Disposal Fund	4,300	(3,800)	1,200	1,200	1,200	200	4,300
Regional Transportation Congestion Improvement Program	-	2,124	3,950	-	-	-	6,074
San Diego Regional Parks Improvement Fund	3,500	-	3,250	2,664	3,500	2,500	15,414
Sewer Funds	310,278	28,881	364,734	248,927	153,061	119,665	1,225,547
State Grants	-	210	-	-	-	-	210
TransNet Funds	20,589	-	21,495	22,437	23,390	24,368	112,280
Trench Cut/Excavation Fee Fund	2,000	-	2,000	2,000	2,000	2,000	10,000
Utilities Undergrounding Program Fund	5,000	-	5,000	5,000	5,000	5,000	25,000
Water Fund	344,777	61,761	458,821	353,033	237,237	102,517	1,558,148
Total	\$ 715,760	\$ 294,277	\$ 917,160	\$ 694,916	\$ 459,856	\$ 289,995	\$ 3,371,967

Note: This table excludes unidentified funding and funding expected after Fiscal Year 2024.

Projects within the CIP budget are required to include estimates of the project's impact on the City's operating budget. Operating impacts are provided for the first year, or the pro-rated portion of the first year, for assets anticipated to be put into service. Full-year projections are also provided for each year in the five-year plan. Operating impacts include both personnel and non-personnel expenditures and are critical for departments proposing new facilities with ongoing staffing needs requiring increased expenditures in the City's General Fund.

The following is a sample of important projects in the five-year program with significant milestones expected in Fiscal Year 2020:

- 430 miles of City streets will be repaired, contributing to the goal of overall condition index (OCI) at 70. Additionally, the Transportation and Storm Water Department's goal is to complete 35 bike lane miles in coordination with the City's resurfacing contracts, fund and program 10,000 linear feet of new sidewalk, optimize 12 traffic signal systems and add 50 non-communicating intersections to the citywide communication network.
- The Public Utilities Department will continue to replace and rehab about 40 sewer miles and award 35 water miles. Additionally, advertisement and award for all remaining Phase I construction packages for the Pure Water program and construction of the majority of Phase I will begin.
- About 20 Parks and Recreation projects will be put into service. Some of these projects include: Bay Terraces Senior Center, East Fortuna Staging Area Building, Holmes Elementary Joint Use, Innovation Middle School Joint Use, and North Park Mini Park.
- The implementation of several Roof Replacements at Citywide facilities.

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- Complete construction of Fire Station 3 – Little Italy for new dorms, kitchen, and HVAC, Fire Air Operations Facility – Phase I, and Feasibility Study for new joint use Fire-Rescue and Police Training Facility.

Many programs will continue throughout the multi-year program, including:

- Undergrounding of utilities
- Improvements for compliance with the Americans with Disabilities Act (ADA)

Budget Process

The CIP budget is developed in conjunction with the City's operating budget and follows the timeline established by the City Charter. Development of the CIP budget begins earlier than that of the operating budget and is initiated by a review of project status and community needs conducted by the Public Works Department in coordination with City's asset managing departments.

The CIP budget process considers project priorities and funding availability.

- **October - February:** Budget development training on the budgeting system and the current CIP budget process is provided to City departments with CIP project responsibilities. Departments develop fiscal year needs based on the CIP Outlook and submit proposed CIP funding requests to Department of Finance which are then brought to Capital Improvements Program Review and Advisory Committee (CIPRAC) for a recommendation to the Mayor. During this timeframe, Department of Finance also confirms the availability of funds to support the budget to be considered by CIPRAC. The CIP budget development and CIPRAC approval calendar is established by the Department of Finance and Public Works Departments.
- **February - March:** In coordination with asset managing departments, Department of Finance reviews all CIP project pages and prepares the proposed budget publication.
- **April:** The Mayor releases the Proposed Budget to the public by April 15 in compliance with the City Charter [Article VIII, Section 69, Item (c)].
- **May:** During the month of May, the City Council holds a series of public budget hearings. Council members may recommend changes to the Proposed CIP Budget. Additionally, the Mayor's May Revision to the Proposed Budget is released. This report recommends changes to specific CIP project budgets based on updated information.
- **June:** City Council reviews final modifications and approves the budget in June. The Mayor's veto period follows City Council's initial approval. Once the budget is approved, the final changes are implemented. The Change Letter will be created to summarize the May Revision and Council Action changes to the CIP Budget. The annual Appropriations Ordinance is presented to the City Council and adopted by June 30 authorizing expenditure of the CIP budget.

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Table 3: Projects by Project Status

Project Name	Page No	FY 2020 Proposed	Project Total
New			
Kearny Mesa Repair Facility / P20000	101	1,000,000	1,000,000
Kearny Mesa Trunk Sewer / S20000	344	500,000	24,200,000
Otay 2nd Pipeline Phase 4 / S20001	364	500,000	31,770,000
University Heights Reservoir Rehabilitation / S20002	383	500,000	17,700,000
Total		\$ 2,500,000	\$ 74,670,000
Continuing			
101 Ash Improvements / S17009	102	-	25,880,408
30th Street Pipeline Replacement / S12010	326	6,253,592	28,753,592
311 Enhancements / T19000	103	-	550,000
69th & Mohawk Pump Station / S12011	327	-	15,088,594
Accela Implementation Phase 2 / T19003	104	-	3,259,466
Advanced Metering Infrastructure / S17008	328	-	67,568,898
Airway Road Improvements / S16043	428	-	10,000
Alvarado 2nd Extension Pipeline / S12013	329	5,000,000	53,113,042
Alvarado Road Realignment / P18007	425	-	1,000,000
Alvarado Trunk Sewer Phase IV / S15019	330	6,670,000	45,299,000
Balboa Avenue Corridor Improvements / S00831	432	-	3,063,987
Balboa Park Golf Course / AEA00002	185	-	1,044,504
Balboa Park Plaza de Panama Project / L17002	186	-	102,419,700
Balboa Park West Mesa Comfort Station Replacement / S15036	187	-	2,205,963
Balboa Pk Bud Kearns Aquatic Complex Imp / S17000	188	1,000,000	3,033,299
Bay Terrace Senior Center / S16060	189	-	6,290,424
Bayview Reservoir Solar Project / S14021	332	-	1,225,000
Beyer Park Development / S00752	190	-	19,458,259
Bridge Rehabilitation / AIE00001	434	200,000	7,566,077
Brown Field / AAA00002	92	-	9,458,777
Bus Stop Improvements / AID00007	435	-	447,873
Camino Del Sur - 2 Lns(T Sta Fe to Carmel Mtn. Rd) / RD15000	436	-	5,170,000
Camino Del Sur-SR-56 to Dormouse / S00872	438	-	1,204,894
Canon Street Pocket Park / S16047	191	-	1,415,452
Canyon Hills Resource Park Improvements / S15006	192	-	1,718,570
Canyonside Community Park Improvements / S12004	193	-	1,501,126
Carmel Country Road Low Flow Channel / S00969	439	-	2,712,000
Carmel Creek NP Improvements / S16037	194	-	1,756,923
Carmel Del Mar NP Comfort Station-Development / S16034	195	-	2,330,564
Carmel Grove NP Comfort Station and Park / S16038	196	-	1,561,532
Carmel Knolls NP Comfort Station-Development / S16033	197	-	978,729
Carmel Mission NP Comfort Station Development / S16039	198	-	978,729

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Project Name	Page No	FY 2020 Proposed	Project Total
Carmel Mountain Rd to Del Mar Mesa Rd / S00846	440	-	1,800,000
Carmel Mountain Road (T-5.2) / RD15002	441	-	5,400,000
Carmel Valley CP-Turf Upgrades / S16029	199	-	4,274,121
Carmel Valley Neighborhood Park #8 / S00642	200	-	6,630,526
Carmel Valley Rd 4/6 Lanes s of Street A / S00900	442	-	7,085,000
Catalina 12inch Cast Iron Mains / S12008	333	-	12,970,000
Centralized Payment Processing Solution / T19002	105	-	355,000
Centrum Neighborhood Pk Improvements / RD16005	201	-	1,000,000
Chicano Park Recreation Center / S18008	205	-	1,025,000
Children's Park Improvements / S16013	206	-	6,000,000
Chollas Building / S11025	334	2,700,000	43,876,870
Chollas Community Park Comfort Station / S16058	207	-	3,586,839
Chollas Lake Improvements / L18001	208	-	2,050,000
Cielo & Woodman Pump Station / S12012	335	4,200,000	6,878,000
CIP Emergency Reserve / ABT00006	106	-	1,000,000
City Facilities Improvements / ABT00001	401	2,964,500	128,198,177
City Heights Pedestrian Imp Phase 2 / S18009	446	-	1,000,000
City Heights Pedestrian Improvements / S15044	447	-	3,781,798
Citywide Energy Improvements / ABT00003	411	-	33,732,349
CNG Fueling Station for Refuse & Recycling / S15000	123	250,000	5,550,000
Coastal Erosion and Access / AGF00006	211	565,000	5,524,581
Coastal Rail Trail / S00951	448	2,000,000	24,467,900
Convert RB Medians-Asphalt to Concrete / L12000	212	-	708,764
Corrosion Control / AKA00001	336	-	479,785
Covered Aerated Static Pile System / S16053	124	-	5,000,000
Crest Canyon Resource Management Plan / S10067	213	-	75,000
Del Sur Neighborhood Park / RD19003	215	-	2,278,048
Dennery Ranch Neighborhood Park / S00636	216	-	8,396,198
Downtown Greenways / L18000	217	-	1,000,000
Doyle Park Community Park ADA Upgrades / S15037	218	-	695,458
Drainage Projects / ACA00001	451	866,667	450,046,324
EAM Enhancements / T19001	108	-	501,679
East Fortuna Staging Area Field Stn Blg / S14016	219	-	6,975,543
East Village Green Phase 1 / S16012	220	-	46,024,237
EB Scripps Pk Comfort Station Replacement / S15035	221	1,085,000	5,070,793
Egger/South Bay Community Park ADA Improvements / S15031	222	800,000	2,460,000
El Camino Real to ViaDeLaValle (1/2 mile) / S00856	452	-	37,949,353
El Cuervo Adobe Improvements / S14006	223	-	606,000
El Monte Pipeline No 2 / S10008	337	500,000	12,540,001
EMTS Boat Dock Esplanade / S00319	338	400,000	3,430,851
Encanto Comm Pk Security Lighting Upgrades / S16017	224	-	464,560
Enterprise Funded IT Projects / ATT00002	109	-	1,514,000

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Project Name	Page No	FY 2020 Proposed	Project Total
Fairbrook Neighborhood Park Development / S01083	226	-	5,422,022
Fairmount Avenue Fire Station / S14018	139	-	16,150,000
Fire-Rescue Air Operations Facility / S15012	151	-	17,673,601
Fire Station No. 08 - Mission Hills / S10029	142	-	1,388,500
Fire Station No. 15 - Ocean Beach Expansion / S13011	143	-	1,060,714
Fire Station No. 48 - Black Mountain Ranch / S15015	146	-	13,391,308
Fire Station No. 49 - Otay Mesa / S00784	147	-	8,400,000
Fire Station No. 50 - North University City / S13021	148	-	15,000,000
Fire Station No. 51 - Skyline Hills / S14017	149	-	13,890,957
Fleet Management Software Upgrade / P19000	101	-	2,750,000
Fleet Operations Facilities / L14002	110	270,598	7,970,000
Freeway Relocation / AKB00002	339	-	2,989,774
Genesee Avenue Widen I-5 Crossing / S00839	455	-	22,587,667
Georgia Street Bridge Improvements / S00863	456	-	16,730,251
Golf Course Drive Improvements / S15040	228	-	5,243,525
Gonzales Canyon Resource Management Plan / S10068	229	-	60,000
Governmental Funded IT Projects / ATT00001	111	258,000	1,826,800
Groundwater Asset Development Program / ABM00001	340	1,000,000	8,031,084
Guard Rails / AIE00002	457	-	5,137,636
Harbor Drive Trunk Sewer / S18006	342	5,000,000	16,253,751
Harbor Dr TS Participation Agreement / RD16001	341	-	-
Hawk Pocket Prk & Horton ES Joint UseDev / S16045	230	-	4,571,106
Hayes Ave Storm Drain / S11002	458	-	1,320,100
Hendrix Pond/Aviary Park Development / P18003	183	-	300,000
Hickman Fields Athletic Area / S00751	231	1,000,000	10,560,312
Hidden Trails Neighborhood Park / S00995	232	-	5,450,000
Hiking & Equestrian Trail NP #10 / S00722	233	-	620,600
I AM San Diego Project / S14000	112	-	47,074,185
Installation of City Owned Street Lights / AIH00001	460	200,000	197,046,584
Install T/S Interconnect Systems / AIL00002	459	100,000	131,898,140
Instrumentation and Control / AKB00007	343	-	1,850,000
Interstate 5 Underpass-Bikeway/Ped Conn / S00982	461	-	2,250,000
John Baca Park-General Development Plan / P19003	183	-	400,000
Junipero Serra Museum ADA Improvements / S15034	234	-	2,267,767
Kelly St Neighborhood Pk Security Lighting Upgrade / S16016	235	-	190,000
Kensington/Normal Heights Library / P18004	163	-	265,356
Kumeyaay Lakes Berm Restoration Dredging / P18006	183	-	32,278
La Jolla Scenic Drive 16inch Main / S12009	345	-	9,232,000
La Jolla View Reservoir / S15027	346	955,001	27,000,314
La Media Road Improvements / S15018	465	-	33,000,000
Large Diameter Water Transmission PPL / AKA00003	347	5,750,295	77,666,922
Little McGonigle Ranch Road Pipeline / S00069	348	-	6,000,000
Lower Otay Outlet Tower / S12018	349	-	2,645,864
Lower Otay Reservoir Emer Outlet Improve / S00044	350	-	1,179,971

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Project Name	Page No	FY 2020 Proposed	Project Total
Marie Widman Memorial Pk Security Lighting Upgrade / S16018	240	-	475,000
Market St-Euclid to Pitta-Improvements / S16022	467	-	5,569,100
Market Street-47th to Euclid-Complete Street / S16061	468	2,900,000	7,805,084
Martin Luther King Jr. Promenade / S13020	469	-	225,000
MBC Dewatering Centrifuges Replacement / S00339	351	-	12,122,443
MBC Equipment Upgrades / S17013	352	11,266,772	40,764,163
MB GC Cibhouse Demo/Prtbl Building Instl / S01090	241	3,000,000	6,463,816
MBGC Irrigation & Electrical Upgrades / S11010	242	-	4,460,000
Median Installation / AIG00001	470	800,000	9,916,112
Memorial Comm Pk Playground ADA Upgrades / S16020	243	-	2,473,128
Metropolitan System Pump Stations / ABP00002	354	-	20,667,949
Metropolitan Waste Water Department Trunk Sewers / AJB00001	355	845,801	81,018,012
Metro Treatment Plants / ABO00001	353	2,014,156	24,483,952
Minor Bike Facilities / AIA00001	471	335,000	127,164,173
Minor Improvements to Landfills / AFA00001	125	200,000	1,034,975
Miramar Clearwell Improvements / S11024	356	9,915,800	120,328,744
Miramar Landfill Facility Improvements / L17000	126	3,100,000	24,300,000
Miramar Landfill Storm Water Improvements / L18002	128	-	23,300,000
Miramar Road-I-805 Easterly Ramps / S00880	472	-	8,048,073
Mira Mesa Community Pk Improvements / L16002	244	-	30,339,846
Mira Mesa CP Expansion Phase I / S00667	245	-	16,839,506
Mission Bay Golf Course / AEA00003	246	-	826,096
Mission Bay Improvements / AGF00004	247	7,734,786	88,977,540
Mission Hills-Hillcrest Library / S13022	164	-	21,132,005
Mission Trails RP Cowles Mountain Trail / S10065	248	-	201,345
Mission Trails RP Master Plan Update / S01014	249	-	884,829
Mission Trails RP Trail Realignment / S10066	250	-	7,859
MOC Complex Solar Project / S14022	357	-	2,675,000
Mohnike Adobe and Barn Restoration / S13008	251	-	2,197,000
Montezuma/Mid-City Pipeline Phase II / S11026	358	-	31,555,000
Montgomery-Gibbs Executive Airport / AAA00001	93	-	9,952,266
Morena Pipeline / S16027	359	15,364,419	90,321,172
Morena Reservoir Outlet Tower Upgrade / S00041	360	2,000,000	26,500,000
Museum of Man Seismic Retrofit / L12003	252	100,000	11,235,500
NCWRP Improvements to 30 mgd / S17012	361	8,320,539	34,409,998
New 16" Water Mains (U-3) / RD15003	362	-	1,225,000
New Walkways / AIK00001	474	2,375,000	109,314,153
North Pacific Beach Lifeguard Station / S10119	152	-	7,257,600
North Park Mini Park / S10050	253	-	3,484,003
North Park Recreation Center Expansion / P18001	183	-	551,599
Ocean Air Comfort Station and Park Improvements / S16031	255	-	1,881,793
Ocean Air CP - Turf Upgrades / S16030	256	-	7,023,953
Ocean Beach Branch Library / P18005	163	-	141,433
Ocean Beach Lifeguard Station / P18008	137	-	445,112

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Project Name	Page No	FY 2020 Proposed	Project Total
Ocean Beach Pier Condition Assessment / P18002	183	-	3,918,572
Old Otay Mesa Road-Westerly / S00870	475	-	15,827,518
Olive Grove Community Park ADA Improve / S15028	258	1,050,000	1,647,013
Olive St Park Acquisition and Development / S10051	259	-	3,271,585
Otay 1st/2nd PPL West of Highland Avenue / S12016	363	10,000,000	29,440,500
Otay Mesa Truck Route Phase 4 / S11060	476	-	23,460,000
Otay Second Pipeline Relocation-PA / S15016	365	8,262,079	28,044,445
Pacific Beach Pipeline South (W) / S12015	366	5,737,598	40,110,443
Pacific Highlands Ranch Branch Library / S14023	165	-	24,739,178
Pacific Highlands Ranch Community Park / RD16002	260	-	37,400,901
Pacific Highlands Ranch Hiking & Biking / RD12003	261	-	5,512,811
Pacific Highlands Traffic Signals / S01062	477	-	2,400,000
Palm Avenue Interstate 805 Interchange / S00869	478	-	34,868,663
Palm Avenue Transitional Housing / S18003	403	-	6,500,000
Paradise Senior Center Improvements / S15002	262	-	700,000
Park Boulevard At-Grade Crossing / S15045	480	-	22,985,544
Park de la Cruz Neighborhood Park Improvements / S15003	263	-	15,197,669
Park Improvements / AGF00007	264	397,833	4,853,846
Piazza Famiglia Park / RD16000	265	-	1,000,000
Pipeline Rehabilitation / AJA00002	367	35,066,239	221,943,430
Police 911 Call Manager / S15024	310	-	1,230,275
Police Range Refurbishment Phase II / S18005	313	-	9,100,000
Pressure Reduction Facility Upgrades / AKA00002	368	800,000	8,178,442
PS2 Power Reliability & Surge Protection / S00312	370	15,350,000	72,600,800
Pump Station 64,65, Penasquitos, E Mission Gorge / ABP00003	371	-	6,967,059
Pump Station Restorations / ABP00001	372	-	60,324,046
Pure Water Pooled Contingency / P19002	325	30,033,498	109,849,370
PURE Water Program / ALA00001	373	356,804,821	1,568,974,057
Rancho Mission Canyon Park Upgrades / S15004	266	-	2,324,695
Recycled Water Systems Upgrades / AHC00004	374	-	2,627,586
Recycled Water Tank Modifications / S12014	375	-	1,500,000
Regional Park Improvements / AGF00005	267	750,000	1,493,306
Resource-Based Open Space Parks / AGE00001	268	195,332	7,414,476
Riviera Del Sol Neighborhood Park / S00999	269	-	8,970,838
Rolando Joint Use Facility Development / S15029	270	-	1,220,000
Rolling Hills Neighborhood Park ADA Upgrades / S15021	271	-	2,028,182
Rosecrans Street Corridor Improvements / S00830	483	-	1,398,325
Sage Canyon NP Concession Bldg-Develop / S16035	272	-	1,310,500
Salk Neighborhood Park & Joint Use Devel / S14007	273	-	6,036,686
San Ysidro Branch Library / S00802	168	-	13,537,000
SBWR Plant Demineralization / S00310	376	-	5,973,695
Scripps Miramar Ranch Library / S00811	169	-	6,076,377
SD River Dredging Qualcomm Way to SR163 / S00606	275	-	1,689,000
Sewer CIP Emergency Reserve / ABT00007	377	-	10,000,000

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Project Name	Page No	FY 2020 Proposed	Project Total
Sewer Main Replacements / AJA00001	378	31,734,776	436,683,806
Sidewalk Repair and Reconstruction / AIK00003	485	1,000,000	79,355,566
Siempre Viva Road Improvements / S16044	487	-	10,000
Silver Wing Pk Ballfield Lighting - Ph 2 / S16051	276	-	1,142,786
Skyline Hills Comm Pk Security Lighting Upgrades / S16021	277	-	220,000
Skyline Hills Community Park ADA Improve / S15038	278	-	2,859,854
Solana Highlands NP-Comfort Station Development / S16032	279	-	1,650,266
Southeastern Mini Park Improvements / L16000	281	-	6,220,548
South Metro Sewer Rehabilitation Ph 3B / S00317	379	-	346
South Mission Beach Lifeguard Station / S00791	153	-	6,982,126
Southwest Neighborhood Park / P18010	184	-	460,000
SR 163/Friars Road / S00851	489	-	63,380,996
SR94/Euclid Av Interchange Phase 2 / S14009	490	-	6,019,800
Stadium / ABG00001	114	-	808,734
Standpipe and Reservoir Rehabilitations / ABL00001	380	2,361,000	95,777,121
State Route 56 Freeway Expansion / RD14000	491	-	123,579,843
Streamview Drive Improvements Phase 2 / S18000	493	760,000	2,395,950
Street Light Circuit Upgrades / AIH00002	494	-	24,856,655
Street Resurfacing and Reconstruction / AID00005	495	16,197,302	366,563,362
Sunset Cliffs Natural Pk Hillside Imp Preserv Phas / L16001	282	-	3,799,291
Sunset Cliffs Park Drainage Improvements / L14005	283	-	4,214,247
Switzer Canyon Bridge Enhancement Prog / S10054	284	-	75,000
Taft Joint Use Facility Development / S15026	285	-	5,642,121
Talmadge Traffic Calming Infrastructure / S17001	286	-	1,369,993
Tecolote Canyon Trunk Sewer Improvement / S15020	381	2,500,000	27,131,198
Tierrasanta Library Expansion / S15011	170	-	1,619,000
Tierrasanta Sports Field Lighting Phase II / S18004	287	-	209,855
Tierrasanta (Via Dominique) Pump Station / S12040	382	580,000	15,833,996
Torrey Highlands NP Upgrades / S16036	289	-	788,216
Torrey Meadows Drive Overcrossing / S10015	497	-	15,215,000
Torrey Pines Golf Course / AEA00001	292	-	1,007,129
Torrey Pines Road Improvement Phase 2 / S15023	498	-	2,050,000
TP South Golf Course Imp Renovation / S18002	293	-	17,150,000
Traffic Calming / AIL00001	500	750,000	15,936,066
Traffic Signals - Citywide / AIL00004	501	750,000	18,439,765
Traffic Signals Modification / AIL00005	502	750,000	23,664,291
Tubman Charter School JU Improvements / S13000	294	-	1,404,000
UCSD Fire Station and ROW Improvements / S19003	154	-	20,556,000
University Avenue Complete Street Phase1 / S18001	503	-	6,718,400
University Avenue Mobility / S00915	504	-	7,553,350
University Ave Pipeline Replacement / S11021	384	-	27,200,000
University Heights Water Tower Seismic Retrofit / S17006	385	-	2,313,000
Unscheduled Projects / AJA00003	386	-	9,933,036
Upas St Pipeline Replacement / S11022	387	-	37,596,326

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Project Name	Page No	FY 2020 Proposed	Project Total
Utilities Undergrounding Program / AID00001	505	5,000,000	109,896,716
Via de la Valle Widening / RD11001	506	-	10,426,363
Village Center Loop Rd-N Carmel Valley Rd / S19002	507	-	3,800,000
Villa Monserate Neighborhood Park Upgrades / S16048	295	-	1,695,462
Wangenheim Joint Use Facility / S15007	297	-	8,768,293
Water CIP Emergency Reserve / ABT00008	389	-	5,000,000
Water Department Security Upgrades / S00050	390	-	7,565,062
Water Main Replacements / AKB00003	391	64,191,685	610,034,113
Water Pump Station Restoration / ABJ00001	392	477,453	50,790,810
Water & Sewer Group Job 816 (W) / S13015	388	-	16,519,392
Watershed CIP / ACC00001	509	-	432,488,650
Water Treatment Plants / ABI00001	393	500,000	4,254,734
Westerly Extension of Hazard Center Dr / RD10001	510	-	1,000,000
Wet Weather Storage Facility / S00314	394	1,000,000	7,272,127
Wightman Street Neighborhood Park / S00767	298	-	3,530,779
W Mission Bay Dr Bridge Over SD River / S00871	508	-	149,403,103
Ysabel Creek Road Repair / P19001	425	-	200,000
Total		\$ 713,260,542	\$ 8,418,926,040
Warranty			
25th Street Renaissance Project / S00985	426	-	2,862,048
43rd St fr Logan to I805 St Widening / S00845	427	-	8,948,223
Alta La Jolla Drive Drainage Repair PhII / S10001	429	-	6,206,105
Avenida de la Playa Infrastructure-SD / S13018	430	-	12,026,508
Azalea Park Neighborhood Identification / S00699	431	-	388,002
Backup Generators at SPS's, TP & EMTS / S12036	331	-	15,345,600
Bayshore Bikeway / S00944	433	-	5,603,362
CAD System Replacement Project / S13100	309	-	8,254,821
Camino Del Sur (Bernardo Lks/Lone Quail) / RD11000	437	-	2,180,194
Carmel Vly Rd Widening(Camino Del Sur to Blk Mtn Rd / RD15001	443	-	1,774,058
Carroll Cyn Rd/Sorrento Valley Rd Dist 1 / S00841	444	-	20,768,154
Cesar Solis Community Park / S00649	202	-	20,900,000
Charles Lewis III Memorial Park / S00673	203	-	4,438,912
Cherokee Street Improvements / S00921	445	-	1,930,005
Chicano Park ADA Upgrades / S13003	204	-	1,275,855
Children's Pool Lifeguard Station / S00644	138	-	4,568,675
Chollas Lake Pk Playground Improvements / S14002	209	-	2,649,224
Coast Blvd Walkway Improvements / S15001	210	-	1,009,000
Coolidge Street Storm Drain / S11003	449	-	1,184,874
Del Mar Mesa Neighborhood Park / S13023	214	-	2,660,354
Del Sol Boulevard-Central / S00858	450	-	5,529,194
Euclid Avenue & Home Improvements / S00886	453	-	1,012,740
Evans Pond Reclaimed Water Pipeline Inst / S13010	225	-	427,466
Famosa Slough Salt Marsh Creation / S00605	227	-	556,398

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Project Name	Page No	FY 2020 Proposed	Project Total
Fire Station No. 02 - Bayside / S15042	140	-	17,321,464
Fire Station No. 05 - Hillcrest / S00788	141	-	8,999,923
Fire Station No. 17 - Mid-City / S00783	144	-	9,048,624
Fire Station No. 22 - Point Loma / S00787	145	-	9,063,161
Five Points Neighborhood Pedestrian Impr / S00988	454	-	1,055,000
Juan Street Concrete Street / S00602	462	-	8,354,843
La Jolla Mesa Drive Sidewalk / S00928	463	-	566,000
La Jolla Village Drive-I-805 Ramps / S00857	464	-	23,974,536
Larsen Field ADA Improvements Phase II / S13004	237	-	1,767,059
Linda Vista/Genesee Intersection Improve / S00907	466	-	1,053,000
Linda Vista Skate Park / S15008	238	-	4,289,042
Miramar Landfill Gas Recovery Improvemen / S16052	127	-	9,650,000
N Torrey Pines Rd Bridge/ Los Penasquitos / S00935	473	-	14,480,652
Old Mission Dam Preservation / S00611	257	-	1,577,336
Palm Avenue Roadway Improvements / S00913	479	-	4,817,209
Police HQs CoGeneration Repower Project / S10131	311	-	1,933,085
Police Range Refurbishment / S10118	312	-	2,247,864
Poway Road Bicycle Path - Class I / S00943	481	-	2,743,500
PS 84 Upgrade & PS 62 Abandon / S00308	369	-	10,095,400
Regents Rd Widening-Genesee to Executive / S00881	482	-	8,180,000
San Diego New Central Library / S00799	167	-	187,637,423
San Ysidro Community Park ADA Improvements / S15033	274	-	870,710
South Chollas Landfill Improvements / S00684	129	-	15,828,624
Southcrest Trails 252 Corr Park Imp-Ph2 / S01071	280	-	2,692,270
SR 163/Clairemont Mesa Blvd Interchange / S00905	488	-	18,421,200
Streamview Drive Improvements / S00864	492	-	4,449,951
Talbot Street Slope Restoration / S00609	496	-	3,963,550
Torrey Highlands Community ID & Enhance / S11009	288	-	375,000
Torrey Highlands Park Play Area Upgrades / S11020	290	-	942,735
Torrey Meadows Neighborhood Park / S00651	291	-	7,922,755
Torrey Pines Road Slope Restoration / S00877	499	-	4,597,720
Waldo Waterman Park / S00760	296	-	1,265,964
Total		\$	\$ 522,685,371
Underfunded			
Convention Center Phase III Expansion / S12022	107	-	685,011,298
Fire Station No. 54 - Paradise Hills / S00785	150	-	13,300,000
La Paz Mini Park / S11103	236	-	2,603,754
Los Penasquitos Cyn Preserve STRl Restor / S13014	239	-	1,953,000
NTC Aquatic Center / S10000	254	-	9,486,726
San Carlos Branch Library / S00800	166	-	23,979,520
Sea World Dr/I5 Interchange Improvement / S00888	484	-	120,163,109
Total		\$	\$ 856,497,406



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