

Capital Improvements 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. Project types are discussed in greater detail on page 63.
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 a basis for optimizing the use of available funding resources. City Council Policy 800-14, Prioritizing Capital Improvements 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 on page 49.

Funding for the CIP is programmed from a variety of sources, such as: 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 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

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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 fund 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 on-going 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 Adopted CIP Budget document includes the following information.

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- A list of projects entering into construction contracts is provided on page 19, allowing 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 Adopted CIP Budget have been organized into four project status categories as shown in **Table 3** at the end of this section on page 32. The project status categories are:
 - New: projects that are newly established as part of the Fiscal Year 2020 Adopted 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 Fiscal Year 2020 allocations approved by City Council can be found in the Fiscal Year 2020 Adopted CIP Budget Summary (pages 5-24).
- 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, that is readily available to the public.

In addition to the streamlining measures above, Department of Finance released two Semi-Annual CIP Budget Monitoring Reports during Fiscal Year 2019; one was released in November 2018 (Report No: 19-280) and the other was 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 include 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 \$131 million in project savings and reallocations from cash management and streamlining efforts were included in the Fiscal Year 2019 CIP Monitoring Reports.

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.

- 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.

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- 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 physical 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 expand 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 Improvements 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:

- Facilities Benefit Assessments (FBA) are dependent upon the rate of development in communities. Although current projections show that revenue should be received, in reality a certain portion of these fees may not be collected at the rate 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.
- The City's enterprise funds are received directly from fees and charges to users. These funding sources are reflected in the Airports, Environmental Services, Park & 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 following four years of the multi-year CIP.

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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
Bond Financing	\$ -	\$ 10,568	\$ 28,796	\$ 24,203	\$ 22,484	\$ 20,724	\$ 106,775
Bus Stop Capital Improvement Fund	-	-	-	106	190	-	296
Development Impact Fees	48	-	-	-	-	-	48
Energy Conservation Program Fund	-	-	500	500	500	500	2,000
Enhanced Infrastructure Financing District Fund	-	728	-	-	-	-	728
Facilities Benefit Assessments	-	14,774	-	-	-	-	14,774
Federal Grants	-	28,167	-	20,696	-	-	48,863
Fleet Services Internal Service Fund	1,271	-	8,088	-	-	-	9,359
Gas Tax Fund	4,156	-	559	1,310	2,076	2,858	10,959
General Fund	6,058	-	-	-	-	-	6,058
Golf Course Enterprise Fund	3,000	-	-	-	-	-	3,000
Infrastructure Fund	7,601	-	8,954	4,060	-	-	20,615
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
Parking Meter Districts	-	9,200	-	-	-	-	9,200
Recycling Fund	1,100	3,800	-	-	-	-	4,900
Redevelopment Funding	-	(7,000)	-	-	-	-	(7,000)
Refuse Disposal Fund	4,300	-	200	200	200	200	5,100
Regional Transportation Congestion Improvement Program	-	1,449	3,950	-	-	-	5,399
San Diego Regional Parks Improvement Fund	3,500	-	3,250	2,664	3,500	2,500	15,414
Sewer Funds	304,466	33,647	355,283	251,427	176,911	119,665	1,241,399
State Grants	-	34,000	-	-	-	-	34,000
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	339,793	61,736	485,166	355,033	238,237	102,517	1,582,484
Total	\$ 710,812	\$ 191,069	\$ 933,102	\$ 698,417	\$ 483,706	\$ 289,996	\$ 3,307,102

Note: This table excludes unidentified funding and funding expected in Fiscal Year 2025 or later.

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, an asset is anticipated to be put into service. Full-year projections are also provided

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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 which will require increased expenditures in the City's General Fund.

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 12 Parks and Recreation projects will be put into service. Some of these projects include: Bay Terraces Senior Center, East Fortuna Staging Area Building, Paradise Hills Elementary Joint Use, and Horton Elementary Joint Use.
- The implementation of several Roof Replacements at facilities Citywide.
- 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 Financial Management which are then brought to Capital Improvements Program Review and Advisory Committee (CIPRAC) for a recommendation to the Mayor. During this timeframe, Financial Management 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 Financial Management and Public Works Departments.
- **February - March:** In coordination with asset managing departments, Financial Management 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)].

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- **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	Project Total
New			
Citrus & Conifer Reconstruction / P20002	393	\$ 300,000	\$ 300,000
City Heights Sidewalks and Streetlights / S19005	414	-	1,000,000
Emerald Hills Park GDP / P20003	177	400,000	400,000
Kearny Mesa Repair Facility / P20000	103	1,000,000	1,000,000
Kearny Mesa Trunk Sewer / S20000	317	500,000	24,200,000
Maple Canyon Storm Drain Upgrade / S20003	433	250,000	250,000
Oak Park Library / P20004	159	250,000	250,000
Otay 2nd Pipeline Phase 4 / S20001	337	500,000	31,770,000
University Heights Reservoir Rehabilitation / S20002	354	1,000,000	18,200,000
Total		\$ 4,200,000	\$ 77,370,000
Continuing			
101 Ash Improvements / S17009	104	\$ -	\$ 25,880,408
30th Street Pipeline Replacement / S12010	300	6,253,592	28,753,592
311 Enhancements / T19000	105	-	550,000
69th & Mohawk Pump Station / S12011	301	-	15,088,594
Accela Implementation Phase 2 / T19003	106	-	3,259,466
Advanced Metering Infrastructure / S17008	302	-	67,568,898
Airway Road Improvements / P19007	393	-	10,000
Alvarado 2nd Extension Pipeline / S12013	303	5,000,000	53,113,042
Alvarado Road Realignment / P18007	393	-	1,000,000
Alvarado Trunk Sewer Phase IV / S15019	304	6,670,000	54,329,009
Balboa Avenue Corridor Improvements / S00831	399	-	3,063,987
Balboa Park Golf Course / AEA00002	179	-	1,964,104
Balboa Park West Mesa Comfort Station Replacement / S15036	180	-	2,205,963
Balboa Pk Bud Kearns Aquatic Complex Imp / S17000	181	1,000,000	3,033,299
Bay Terrace Senior Center / S16060	182	-	6,387,444
Bayview Reservoir Solar Project / S14021	306	-	1,225,000
Beyer Park Development / S00752	183	400,000	19,458,259
Bicycle Facilities / AIA00001	438	635,000	119,492,779
Bridge Rehabilitation / AIE00001	400	200,000	10,035,508
Brown Field / AAA00002	94	-	9,261,696
Bus Stop Improvements / AID00007	401	-	447,873
Camino Del Sur - 2 Lns(T Sta Fe to Carmel Mtn. Rd) / RD15000	402	-	5,170,000

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Camino del Sur Widening (CV Rd S. to SR-56) / RD19002	404	-	3,424,316
Camino del Sur Widening (San Dieguito Rd to Paseo / RD19005	405	-	467,322
Canon Street Pocket Park / S16047	184	-	1,415,452
Canyon Hills Resource Park Improvements / S15006	185	-	1,718,570
Canyonside Community Park Improvements / S12004	186	-	1,501,126
Carmel Country Road Low Flow Channel / S00969	406	-	2,712,000
Carmel Creek NP Improvements / S16037	187	-	1,756,923
Carmel Del Mar NP Comfort Station-Development / S16034	188	-	2,330,564
Carmel Grove NP Comfort Station and Park / S16038	189	-	1,561,532
Carmel Knolls NP Comfort Station-Development / S16033	190	-	978,729
Carmel Mission NP Comfort Station Development / S16039	191	-	978,729
Carmel Mountain Road (T-5.2) / RD15002	408	-	5,400,000
Carmel Valley CP-Turf Upgrades / S16029	192	-	4,274,121
Carmel Valley Neighborhood Park #8 / S00642	193	-	6,630,526
Carmel Valley Rd 4/6 Lanes s of Street A / S00900	409	-	7,085,000
Catalina 12inch Cast Iron Mains / S12008	307	-	12,970,000
Centralized Payment Processing Solution / T19002	107	-	455,000
Centrum Neighborhood Pk Improvements / RD16005	194	-	1,000,000
Chicano Park Recreation Center / S18008	197	250,000	1,275,000
Children's Park Improvements / S16013	198	-	7,200,000
Chollas Building / S11025	308	2,700,000	43,876,870
Chollas Community Park Comfort Station / S16058	199	-	3,586,839
Chollas Lake Improvements / L18001	200	-	2,050,000
Cielo & Woodman Pump Station / S12012	309	-	6,878,000
CIP Emergency Reserve / ABT00006	108	-	1,000,000
City Facilities Improvements / ABT00001	370	3,064,500	123,217,246
City Heights Pedestrian Improvements / S15044	413	-	3,781,798
Citywide Energy Improvements / ABT00003	380	-	33,732,349
CNG Fueling Station for Refuse & Recycling / S15000	122	250,000	5,550,000
Coastal Erosion and Access / AGF00006	203	565,000	5,524,581
Coastal Rail Trail / S00951	415	2,000,000	24,467,900
Convert RB Medians-Asphalt to Concrete / L12000	204	-	708,764
Corrosion Control / AKA00001	310	-	479,785
Covered Aerated Static Pile System / S16053	123	-	5,000,000
Del Sur Neighborhood Park / RD19003	206	-	2,278,048
Dennery Ranch Neighborhood Park / S00636	207	-	8,396,198

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Downtown Greenways / L18000	208	-	1,000,000
Doyle Park Community Park ADA Upgrades / S15037	209	-	695,928
Drainage Projects / ACA00001	418	2,666,667	460,600,621
EAM Enhancements / T19001	110	-	501,679
East Fortuna Staging Area Field Stn Bldg / S14016	210	-	6,975,543
East Village Green Phase 1 / S16012	211	-	46,024,237
EB Scripps Pk Comfort Station Replacement / S15035	212	1,085,000	5,078,470
Egger/South Bay Community Park ADA Improvements / S15031	213	800,000	2,730,145
El Camino Real to ViaDeLaValle (1/2 mile) / S00856	419	-	37,949,353
El Cuervo Adobe Improvements / S14006	214	-	606,000
El Monte Pipeline No 2 / S10008	311	500,000	12,540,001
EMTS Boat Dock Esplanade / S00319	312	400,000	3,430,851
Encanto Comm Pk Security Lighting Upgrades / S16017	215	-	464,560
Enterprise Funded IT Projects / ATT00002	111	-	1,989,200
Fairbrook Neighborhood Park Development / S01083	217	-	6,045,540
Fairmount Avenue Fire Station / S14018	137	-	16,150,000
Fire-Rescue Air Operations Facility / S15012	148	-	17,673,601
Fire Station No. 08 - Mission Hills / S10029	140	-	1,388,500
Fire Station No. 48 - Black Mountain Ranch / S15015	143	-	13,391,307
Fire Station No. 49 - Otay Mesa / S00784	144	-	8,400,000
Fire Station No. 50 - North University City / S13021	145	-	15,000,000
Fire Station No. 51 - Skyline Hills / S14017	146	-	13,890,957
Fleet Management Software Upgrade / P19000	103	-	2,750,000
Fleet Operations Facilities / L14002	112	270,598	7,941,000
Freeway Relocation / AKB00002	313	-	2,989,774
Genesee Avenue Widen I-5 Crossing / S00839	422	-	22,587,667
Georgia Street Bridge Improvements / S00863	423	-	16,700,588
Golf Course Drive Improvements / S15040	219	-	5,243,524
Governmental Funded IT Projects / ATT00001	113	258,000	1,976,800
Groundwater Asset Development Program / ABM00001	314	1,000,000	8,031,084
Guard Rails / AIE00002	424	-	4,798,459
Harbor Drive Trunk Sewer / S18006	315	5,000,000	21,045,001
Hawk Pocket Prk & Horton ES Joint UseDev / S16045	220	-	4,571,106
Hayes Ave Storm Drain / S11002	425	-	1,320,100
Hendrix Pond/Aviary Park Development / P18003	177	-	300,000
Hickman Fields Athletic Area / S00751	221	1,000,000	9,566,320

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Hidden Trails Neighborhood Park / S00995	222	-	5,450,000
Hiking & Equestrian Trail NP #10 / S00722	223	-	620,600
Installation of City Owned Street Lights / AIH00001	427	200,000	196,997,712
Install T/S Interconnect Systems / AIL00002	426	100,000	131,898,140
Instrumentation and Control / AKB00007	316	-	1,850,000
Interstate 5 Underpass-Bikeway/Ped Conn / S00982	428	-	2,250,000
John Baca Park-General Development Plan / P19003	177	-	400,000
Junipero Serra Museum ADA Improvements / S15034	224	-	2,309,787
Kelly St Neighborhood Pk Security Lighting Upgrade / S16016	225	-	190,000
Kensington/Normal Heights Library / P18004	159	-	265,356
Kumeyaay Lakes Berm Restoration Dredging / P18006	177	-	32,278
La Jolla Scenic Drive 16inch Main / S12009	318	316,000	9,548,000
La Jolla View Reservoir / S15027	319	955,001	27,000,314
La Media Road Improvements / S15018	431	-	33,000,000
Large Diameter Water Transmission PPL / AKA00003	320	5,750,295	77,666,922
Little McGonigle Ranch Road Pipeline / S00069	321	-	6,000,000
Lower Otay Outlet Tower / S12018	322	-	2,645,864
Lower Otay Reservoir Emer Outlet Improve / S00044	323	-	1,179,971
Marie Widman Memorial Pk Security Lighting Upgrade / S16018	228	-	475,000
Market St-Euclid to Pitta-Improvements / S16022	434	-	5,569,100
Market Street-47th to Euclid-Complete Street / S16061	435	2,900,000	7,805,084
MBC Dewatering Centrifuges Replacement / S00339	324	-	12,122,443
MBC Equipment Upgrades / S17013	325	11,266,772	40,764,163
MB GC Clbhouse Demo/Prtbl Building Instl / S01090	229	3,000,000	6,463,816
MBGC Irrigation & Electrical Upgrades / S11010	230	-	4,460,000
Median Installation / AIG00001	437	1,550,000	9,657,729
Memorial Comm Pk Playground ADA Upgrades / S16020	231	-	2,473,128
Metropolitan System Pump Stations / ABP00002	327	-	20,667,949
Metropolitan Waste Water Department Trunk Sewers / AJB00001	328	4,424,710	84,596,922
Metro Treatment Plants / ABO00001	326	2,014,156	24,483,952
Minor Improvements to Landfills / AFA00001	124	200,000	4,834,975
Miramar Clearwell Improvements / S11024	329	9,915,800	120,328,744
Miramar Landfill Facility Improvements / L17000	125	3,100,000	28,100,000
Miramar Landfill Storm Water Improvements / L18002	127	-	20,300,000
Miramar Road-I-805 Easterly Ramps / S00880	439	-	8,163,073
Mira Mesa Community Pk Improvements / L16002	232	-	32,750,132

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Mira Mesa CP Expansion Phase I / S00667	233	-	15,027,240
Mission Bay Golf Course / AEA00003	234	-	826,096
Mission Bay Improvements / AGF00004	235	7,734,786	93,419,325
Mission Hills-Hillcrest Library / S13022	160	-	21,132,005
Mission Trails RP Master Plan Update / S01014	236	-	884,829
MOC Complex Solar Project / S14022	330	-	2,675,000
Mohnike Adobe and Barn Restoration / S13008	237	-	2,697,000
Montezuma/Mid-City Pipeline Phase II / S11026	331	-	52,700,000
Montgomery-Gibbs Executive Airport / AAA00001	95	-	9,952,266
Morena Pipeline / S16027	332	15,364,419	103,885,558
Morena Reservoir Outlet Tower Upgrade / S00041	333	2,000,000	26,500,000
Museum of Man Seismic Retrofit / L12003	238	100,000	11,235,500
NCWRP Improvements to 30 mgd / S17012	334	8,320,539	34,409,998
New 16" Water Mains (U-3) / RD15003	335	-	1,225,000
New Walkways / AIK00001	441	2,375,000	106,846,721
North Pacific Beach Lifeguard Station / S10119	149	-	7,257,600
North Park Mini Park / S10050	239	-	3,834,019
North Park Recreation Center Expansion / P18001	177	-	468,390
Ocean Air Comfort Station and Park Improvements / S16031	241	-	1,881,793
Ocean Air CP - Turf Upgrades / S16030	242	-	-
Ocean Beach Branch Library / P18005	159	548,500	689,933
Ocean Beach Lifeguard Station / P18008	135	-	494,599
Ocean Beach Pier Condition Assessment / P18002	178	-	3,768,572
Old Otay Mesa Road-Westerly / S00870	442	-	15,827,518
Olive Grove Community Park ADA Improve / S15028	243	1,050,000	1,672,497
Olive St Park Acquisition and Development / S10051	244	-	3,271,585
Otay 1st/2nd PPL West of Highland Avenue / S12016	336	6,000,000	29,440,500
Otay Mesa Truck Route Phase 4 / S11060	443	-	23,460,000
Otay Second Pipeline Relocation-PA / S15016	338	8,262,079	28,044,445
Pacific Beach Pipeline South (W) / S12015	339	5,737,598	40,110,443
Pacific Highlands Ranch Branch Library / S14023	161	-	26,164,178
Pacific Highlands Ranch Community Park / RD16002	245	-	37,400,901
Pacific Highlands Ranch Hiking & Biking / RD12003	246	-	5,512,811
Pacific Highlands Traffic Signals / S01062	444	-	2,032,852
Palm Avenue Interstate 805 Interchange / S00869	445	-	34,868,663
Palm Avenue Transitional Housing / S18003	372	-	6,500,000

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Paradise Senior Center Improvements / S15002	247	-	700,000
Park Boulevard At-Grade Crossing / S15045	447	-	25,668,066
Park de la Cruz Neighborhood Park Improvements / S15003	248	-	15,267,669
Park Improvements / AGF00007	249	1,197,833	7,779,487
Pipeline Rehabilitation / AJA00002	340	25,674,443	209,018,084
Police 911 Call Manager / S15024	289	-	1,230,275
Police Range Refurbishment Phase II / S18005	290	-	9,100,000
Pressure Reduction Facility Upgrades / AKA00002	341	800,000	8,178,442
PS2 Power Reliability & Surge Protection / S00312	342	15,350,000	72,600,800
Pump Station Restorations / ABP00001	343	-	67,291,105
Pure Water Pooled Contingency / P19002	299	30,033,498	109,849,370
PURE Water Program / ALA00001	344	356,804,821	1,587,896,572
Rancho Bernardo Rd Widening I-15 / Bernardo Ctr Dr / RD19006	449	-	3,050,055
Rancho Mission Canyon Park Upgrades / S15004	250	-	2,324,695
Recycled Water Systems Upgrades / AHC00004	345	-	2,627,586
Recycled Water Tank Modifications / S12014	346	-	1,500,000
Regional Park Improvements / AGF00005	251	750,000	11,240,755
Resource-Based Open Space Parks / AGE00001	252	195,332	8,083,697
Riviera Del Sol Neighborhood Park / S00999	253	-	8,970,838
Rolando Joint Use Facility Development / S15029	254	-	1,220,000
Rolling Hills Neighborhood Park ADA Upgrades / S15021	255	-	2,028,760
Rosecrans Street Corridor Improvements / S00830	451	-	1,398,325
Sage Canyon NP Concession Bldg-Develop / S16035	256	-	1,310,500
Salk Neighborhood Park & Joint Use Devel / S14007	257	-	6,036,686
San Ysidro Branch Library / S00802	163	-	13,537,000
SBWR Plant Demineralization / S00310	347	-	5,973,695
Scripps Miramar Ranch Library / S00811	164	-	6,076,377
SD River Dredging Qualcomm Way to SR163 / S00606	258	-	1,689,000
Sewer CIP Emergency Reserve / ABT00007	348	-	10,000,000
Sewer Main Replacements / AJA00001	349	31,734,776	436,089,567
Sidewalk Repair and Reconstruction / AIK00003	453	1,000,000	78,527,282
Siempre Viva Road Improvements / P19006	393	-	10,000
Silver Wing Pk Ballfield Lighting - Ph 2 / S16051	259	-	1,142,786
Skyline Hills Comm Pk Security Lighting Upgrades / S16021	260	-	220,000
Skyline Hills Community Park ADA Improve / S15038	261	-	2,859,854
Solana Highlands NP-Comfort Station Development / S16032	262	-	1,650,266

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Southeastern Mini Park Improvements / L16000	264	-	6,220,548
South Mission Beach Lifeguard Station / S00791	150	-	7,318,079
Southwest Neighborhood Park / P18010	178	-	460,000
SR 163/Friars Road / S00851	456	2,200,000	63,994,105
SR94/Euclid Av Interchange Phase 2 / S14009	457	-	6,269,800
Stadium / ABG00001	114	-	802,755
Standpipe and Reservoir Rehabilitations / ABL00001	350	2,361,000	93,091,424
State Route 56 Freeway Expansion / RD14000	458	-	123,579,843
Streamview Drive Improvements Phase 2 / S18000	460	760,000	2,395,950
Street Light Circuit Upgrades / AIH00002	461	-	24,856,655
Street Resurfacing and Reconstruction / AID00005	462	13,697,302	342,786,296
Sunset Cliffs Natural Pk Hillside Imp Preserv Phas / L16001	265	-	3,808,495
Sunset Cliffs Park Drainage Improvements / L14005	266	-	4,322,335
Switzer Canyon Bridge Enhancement Prog / S10054	267	-	75,000
Taft Joint Use Facility Development / S15026	268	-	5,642,121
Talmadge Traffic Calming Infrastructure / S17001	269	-	1,369,993
Tecolote Canyon Trunk Sewer Improvement / S15020	351	2,500,000	35,000,000
Tierrasanta Library Expansion / S15011	165	-	1,619,000
Tierrasanta Sports Field Lighting Phase II / S18004	270	-	209,855
Tierrasanta (Via Dominique) Pump Station / S12040	352	580,000	15,833,996
Torrey Highlands NP Upgrades / S16036	272	-	788,216
Torrey Meadows Drive Overcrossing / S10015	463	-	15,215,000
Torrey Pines Golf Course / AEA00001	274	-	1,007,129
Torrey Pines Road Improvement Phase 2 / S15023	464	-	2,050,000
TP South Golf Course Imp Renovation / S18002	275	-	17,150,000
Traffic Calming / AIL00001	466	750,000	15,898,053
Traffic Signals - Citywide / AIL00004	467	750,000	18,749,765
Traffic Signals Modification / AIL00005	468	750,000	23,756,524
Tubman Charter School JU Improvements / S13000	276	-	1,404,000
UCSD Fire Station and ROW Improvements / S19003	151	-	20,621,000
University Avenue Complete Street Phase1 / S18001	469	-	6,718,400
University Avenue Mobility / S00915	470	-	7,553,350
University Ave Pipeline Replacement / S11021	353	-	27,200,000
University Heights Water Tower Seismic Retrofit / S17006	355	-	2,313,000
Unscheduled Projects / AJA00003	356	-	9,723,879
Upas St Pipeline Replacement / S11022	357	-	37,596,326

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Utilities Undergrounding Program / AID00001	471	5,000,000	108,553,121
Via de la Valle Widening / RD11001	472	-	10,430,244
Village Center Loop Rd-N Carmel Valley Rd / S19002	473	-	3,800,000
Villa Monserate Neighborhood Park Upgrades / S16048	277	-	1,695,462
Wangenheim Joint Use Facility / S15007	279	-	9,195,354
Water CIP Emergency Reserve / ABT00008	359	-	5,000,000
Water Department Security Upgrades / S00050	360	-	7,565,062
Water Main Replacements / AKB00003	361	64,191,685	604,966,538
Water Pump Station Restoration / ABJ00001	362	1,477,453	51,790,810
Water & Sewer Group Job 816 (W) / S13015	358	1,400,000	17,919,392
Watershed CIP / ACC00001	476	-	430,640,515
Water Treatment Plants / ABI00001	363	500,000	4,254,734
W Bernardo Dr Spot Improvement I-15 to Aguamiel Rd / RD19004	474	-	528,465
Westerly Extension of Hazard Center Dr / RD10001	477	-	1,000,000
Wet Weather Storage Facility / S00314	364	1,000,000	7,272,127
Wightman Street Neighborhood Park / S00767	280	-	3,530,779
W Mission Bay Dr Bridge Over SD River / S00871	475	-	149,403,103
Ysabel Creek Road Repair / P19001	393	-	200,000
Total		\$ 706,612,155	\$ 8,326,043,315
Warranty			
25th Street Renaissance Project / S00985	394	\$ -	\$ 2,862,048
43rd St fr Logan to I805 St Widening / S00845	395	-	8,948,223
Alta La Jolla Drive Drainage Repair PhII / S10001	396	-	6,206,105
Avenida de la Playa Infrastructure-SD / S13018	397	-	11,726,508
Azalea Park Neighborhood Identification / S00699	398	-	388,002
Backup Generators at SPS's, TP & EMTS / S12036	305	-	15,345,600
CAD System Replacement Project / S13100	288	-	8,254,821
Camino Del Sur (Bernardo Lks/Lone Quail) / RD11000	403	-	2,130,195
Carmel Mountain Rd to Del Mar Mesa Rd / S00846	407	-	1,800,000
Carmel Vly Rd Widening(Camino Del Sur to Blk MtnRd / RD15001	410	-	1,774,058
Carroll Cyn Rd/Sorrento Valley Rd Dist 1 / S00841	411	-	20,768,154
Cesar Solis Community Park / S00649	195	-	20,900,000
Charles Lewis III Memorial Park / S00673	196	-	4,438,912
Cherokee Street Improvements / S00921	412	-	1,930,005
Children's Pool Lifeguard Station / S00644	136	-	4,583,675
Chollas Lake Pk Playground Improvements / S14002	201	-	2,649,224

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Coast Blvd Walkway Improvements / S15001	202	-	1,009,000
Coolidge Street Storm Drain / S11003	416	-	1,184,874
Del Mar Mesa Neighborhood Park / S13023	205	-	2,660,354
Del Sol Boulevard-Central / S00858	417	-	5,529,194
Euclid Avenue & Home Improvements / S00886	420	-	1,032,740
Evans Pond Reclaimed Water Pipeline Inst / S13010	216	-	427,466
Famosa Slough Salt Marsh Creation / S00605	218	-	556,398
Fire Station No. 02 - Bayside / S15042	138	-	17,321,464
Fire Station No. 05 - Hillcrest / S00788	139	-	8,573,802
Fire Station No. 15 - Ocean Beach Expansion / S13011	141	-	1,047,660
Fire Station No. 22 - Point Loma / S00787	142	-	9,063,161
Five Points Neighborhood Pedestrian Impr / S00988	421	-	1,055,000
Juan Street Concrete Street / S00602	429	-	8,354,843
La Jolla Village Drive-I-805 Ramps / S00857	430	-	23,974,536
Linda Vista/Genesee Intersection Improve / S00907	432	-	1,109,721
Martin Luther King Jr. Promenade / S13020	436	-	225,000
Miramar Landfill Gas Recovery Improvemen / S16052	126	-	9,650,000
N Torrey Pines Rd Bridge/ Los Penasquitos / S00935	440	-	14,530,652
Palm Avenue Roadway Improvements / S00913	446	-	4,817,209
Poway Road Bicycle Path - Class I / S00943	448	-	2,743,500
Regents Rd Widening-Genesee to Executive / S00881	450	-	8,180,000
South Chollas Landfill Improvements / S00684	128	-	15,743,904
Southcrest Trails 252 Corr Park Imp-Ph2 / S01071	263	-	2,692,270
SR 163/Clairemont Mesa Blvd Interchange / S00905	455	-	18,421,200
Streamview Drive Improvements / S00864	459	-	4,449,951
Torrey Highlands Community ID & Enhance / S11009	271	-	375,000
Torrey Meadows Neighborhood Park / S00651	273	-	7,922,755
Torrey Pines Road Slope Restoration / S00877	465	-	4,597,720
Waldo Waterman Park / S00760	278	-	1,265,964
Total		\$	- \$ 293,220,868
Underfunded			
Convention Center Phase III Expansion / S12022	109	\$	- \$ 685,011,298
Fire Station No. 54 - Paradise Hills / S00785	147	-	13,300,000
La Paz Mini Park / S11103	226	-	2,603,704
Los Penasquitos Cyn Preserve STRl Restor / S13014	227	-	1,953,000
NTC Aquatic Center / S10000	240	-	9,486,726

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San Carlos Branch Library / S00800	162	-	23,979,520
Sea World Dr/I5 Interchange Improvement / S00888	452	-	120,163,109
Total		\$ -	\$ 856,497,357