

Capital Improvements Program

Profile of the City of San Diego's CIP

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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 57.
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 45.

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 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.

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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, prior to the funds being made available for project expenditure.

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.

- A list of projects entering into construction contracts is provided on page 16, 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 2021 Adopted CIP Budget have been organized into four project status categories as shown in Table 3 at the end of this section on page 31. 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 2021, 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 2021 allocations approved by City Council can be found in the Fiscal Year 2021 Adopted CIP Budget Summary (pages 5-23).
- 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 2020; one was released in December 2019 and the other was released in

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May 2020. 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 \$210.2 million in project savings and reallocations from cash management and streamlining efforts were included in the Fiscal Year 2020 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
- 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.

In January 2020, 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 is 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

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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

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

Funding Source	FY2021 Adopted	FY 2021 Anticipated	FY2022	FY2023	FY2024	FY2025	Total by Source
Bond Financing	\$ -	\$ 100,000	\$ 61,921	\$ 47,733	\$ 46,815	\$ 45,830	\$ 302,299
Bus Stop Capital Improvement Fund	-	-	106	190	190	190	676
Developer Funding	-	-	-	-	-	1,110	1,110
Energy Conservation Program Fund	-	-	500	500	500	-	1,500
Enhanced Infrastructure Financing District Fund	-	728	-	-	-	-	728
Facilities Benefit Assessments	800	1,500	-	-	-	-	2,300
Federal Grants	-	7,773	21,547	1,369	-	-	30,689
Fleet Services Internal Service Fund	-	-	5,588	-	-	-	5,588
Gas Tax Fund	18,308	-	3,595	-	-	-	21,903
General Fund	547	-	-	-	-	-	547
Golf Course Enterprise Fund	3,000	-	-	-	-	-	3,000
Infrastructure Fund	5,664	-	4,060	-	-	-	9,724
Mission Bay Park Improvement Fund	7,900	-	8,058	8,220	8,384	8,551	41,112
Mission Trails Regional Park Fund	-	-	229	236	243	251	960
Other Funding	1,623	21,000	-	-	-	-	22,623
Parking Meter Districts	1,500	-	-	-	-	-	1,500
Regional Transportation Congestion Improvement Program	-	1,787	-	-	-	-	1,787
San Diego Regional Parks Improvement Fund	3,200	200	3,500	1,700	2,000	800	11,400

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

Funding Source	FY2021 Adopted	FY 2021 Anticipated	FY2022	FY2023	FY2024	FY2025	Total by Source
Sewer Funds	140,967	31,922	301,295	328,158	191,252	123,110	1,116,704
State Grants	-	8,452	-	-	-	-	8,452
TransNet Funds	18,591	-	21,533	23,817	24,735	25,720	114,397
Trench Cut/Excavation Fee Fund	2,000	-	2,000	2,000	2,000	2,000	10,000
Utilities Undergrounding Program Fund	10,000	-	10,000	10,000	10,000	10,000	50,000
Water Fund	153,385	58,351	387,695	455,940	352,670	154,225	1,562,265
Total	\$ 367,485	\$ 231,713	\$ 831,629	\$ 879,863	\$ 638,789	\$ 371,787	\$ 3,321,264

Note: This table excludes unidentified funding and funding expected in Fiscal Year 2026 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 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 2021:

- 468 miles of City streets are anticipated to be repaired, contributing to the goal of an overall condition index (OCI) at 70. Additionally, the Transportation Department's goal is to complete 40 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 21 Parks and Recreation projects will be put into service. Some of these projects include: Balboa Park Bud Kearns Aquatic Complex Improvements, Bay Terraces Senior Center, DeAnza North Parking Lot Improvements, Ocean Beach Dog Beach Accessibility Improvements, Olive Grove Community Park Accessibility Improvements, and Villa Monserate Neighborhood Park Improvements.
- The implementation of several HVAC Replacements at facilities citywide are anticipated to be completed.
- Complete construction of Children's Pool Lifeguard Station and Fire Station 50 (North University City).

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

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

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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 the Department of Finance (DoF) which are then brought to Capital Improvements Program Review and Advisory Committee (CIPRAC) for a recommendation to the Mayor. During this timeframe, the DoF 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 DoF and Public Works Departments.
- **February - March:** In coordination with asset managing departments, the DoF 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: Percent of Projects by Project Status

Project Name	Page No	FY 2021	Project Total
New			
5th Avenue Promenade / P21001	381	\$ 1,500,000	\$ 1,500,000
Balboa Park Botanical Bldg Improvments / S20005	169	-	9,083,441
Carmel Vly Rd E Wildlife Xing / RD20006	392	-	617,972
Carmel V Rd Widening (BMR-Cam Crisalida) / RD20005	390	-	1,031,015
Carroll Canyon Road Planning Study / P21000	381	800,000	800,000
Chollas Creek Oak Park Trail / S20012	188	-	852,000
Chollas Triangle Park / P20005	167	-	400,000
Cmo Del Sur Wide-San Dieguito-Carmel Valley / RD20003	397	-	364,350
Cmo Del Sur Wildlife Xing(San Dieguito) / RD20004	398	-	623,392
Cmo San Bern (Nicole Rd E-City Limit) / RD20002	399	-	299,258
Jerabek Park Improvements / S20007	207	-	4,064,451
Kearny Mesa Facility Improvements / S20009	104	-	14,772,123
Oak Park Library / P20004	149	-	250,000
Ocean Beach Branch Library / S20015	151	-	8,500,001
Ocean Beach Pier Improvements / S20011	222	-	20,882,907
Otay 2nd Pipeline Steel Replacement Ph 5 / S21000	315	100,000	18,760,000
Paseo Del Sur(Camino D Sur E to HS Entr) / RD20001	426	-	1,545,522
Paseo Del Sur (Potomac Ridge Rd-CDS) / RD20008	425	-	1,466,809
Playa del Sol Parkway / RD20000	427	-	3,120,000
Rancho Bernardo CP Improvements / L20000	230	-	703,263
South Mission Valley Trunk Sewer Ph II / S21002	328	100,000	14,000,000
Water SCADA Upgrade Phase I / S21001	341	500,000	16,100,000
W Bernardo Dr at Bernardo Ctr Dr Inter / RD20007	452	-	818,758
Total		\$ 3,000,000	\$ 120,555,261
Continuing			
101 Ash Improvements / S17009	95	\$ -	\$ 26,213,542
30th Street Pipeline Replacement / S12010	281	1,250,000	30,003,592
69th & Mohawk Pump Station / S12011	282	-	15,088,594
Accela Implementation Phase 2 / T19003	96	1,073,165	3,259,466
Advanced Metering Infrastructure / S17008	283	-	125,535,641
Airway Road Improvements / P19007	381	-	10,000

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Alvarado 2nd Extension Pipeline / S12013	284	-	80,498,531
Alvarado Road Realignment / P18007	381	-	1,000,000
Alvarado Trunk Sewer Phase IV / S15019	285	24,660,000	60,179,009
Balboa Avenue Corridor Improvements / S00831	383	-	3,063,987
Balboa Park Golf Course / AEA00002	170	-	2,303,007
Balboa Park West Mesa Comfort Station Replacement / S15036	171	-	2,205,963
Balboa Pk Bud Kearns Aquatic Complex Imp / S17000	172	-	3,594,000
Bay Terrace Senior Center / S16060	173	-	6,387,444
Beyer Park Development / S00752	174	-	19,458,259
Bicycle Facilities / AIA00001	384	-	130,897,054
Bridge Rehabilitation / AIE00001	385	200,000	33,351,907
Brown Field / AAA00002	87	-	9,261,696
Bus Stop Improvements / AID00007	386	-	680,942
Camino del Sur Widening (CV Rd S. to SR-56) / RD19002	387	-	3,424,316
Canon Street Pocket Park / S16047	175	-	2,567,316
Canyonside Community Park Improvements / S12004	176	-	1,751,126
Carmel Country Road Low Flow Channel / S00969	388	-	2,712,000
Carmel Creek NP Improvements / S16037	177	-	1,756,923
Carmel Del Mar NP Comfort Station-Development / S16034	178	-	2,330,564
Carmel Grove NP Comfort Station and Park / S16038	179	-	1,761,500
Carmel Knolls NP Comfort Station-Development / S16033	180	-	1,178,700
Carmel Mission NP Comfort Station Development / S16039	181	-	1,178,000
Carmel Valley CP-Turf Upgrades / S16029	182	-	4,274,121
Carmel Valley Rd 4/6 Lanes s of Street A / S00900	391	-	7,085,000
Catalina 12inch Cast Iron Mains / S12008	286	-	12,620,000
Centralized Payment Processing Solution / T19002	97	-	455,000
Centrum Neighborhood Pk Improvements / RD16005	183	-	1,000,000
Children's Park Improvements / S16013	186	-	7,200,000
Chollas Building / S11025	287	-	45,661,948
Chollas Community Park Comfort Station / S16058	187	-	3,586,839
Chollas Lake Improvements / L18001	189	-	5,550,000
Cielo & Woodman Pump Station / S12012	288	1,200,000	6,878,000
CIP Emergency Reserve / ABT00006	98	-	1,000,000
Citrus & Conifer Reconstruction / P20002	381	-	300,000
City Facilities Improvements / ABT00001	349	875,000	99,819,801

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City Heights Sidewalks and Streetlights / S19005	396	-	1,000,000
Citywide Energy Improvements / ABT00003	371	-	33,232,349
Coastal Erosion and Access / AGF00006	190	850,000	7,027,337
Coastal Rail Trail / S00951	400	4,500,000	25,043,422
Convert RB Medians-Asphalt to Concrete / L12000	191	-	708,764
Corrosion Control / AKA00001	289	-	200,000
Del Sur Neighborhood Park / RD19003	192	-	2,278,048
Dennerly Ranch Neighborhood Park / S00636	193	-	8,396,198
Drainage Projects / ACA00001	360	1,000,000	633,222,677
EAM Enhancements / T19001	100	-	501,679
East Village Green Phase 1 / S16012	196	-	51,220,252
EB Scripps Pk Comfort Station Replacement / S15035	197	200,000	5,278,470
Egger/South Bay Community Park ADA Improvements / S15031	198	-	2,730,145
El Camino Real to ViaDeLaValle (1/2 mile) / S00856	402	-	37,949,391
El Cuervo Adobe Improvements / S14006	199	-	606,000
El Monte Pipeline No 2 / S10008	290	2,000,000	24,500,001
Emerald Hills Park GDP / P20003	167	-	400,000
EMTS Boat Dock Esplanade / S00319	291	2,012,316	3,430,851
Enterprise Funded IT Projects / ATT00002	101	8,452,531	11,089,531
Fairbrook Neighborhood Park Development / S01083	201	-	6,011,281
Fairmount Avenue Fire Station / S14018	130	-	16,150,000
Fire-Rescue Air Operations Facility / S15012	138	-	19,923,601
Fire Station No. 48 - Black Mountain Ranch / S15015	133	-	14,891,307
Fire Station No. 50 - North University City / S13021	135	-	15,000,000
Fire Station No. 51 - Skyline Hills / S14017	136	-	13,890,957
Fleet Operations Facilities / L14002	102	-	7,687,176
Freeway Relocation / AKB00002	292	-	2,989,774
Golf Course Drive Improvements / S15040	203	-	5,243,524
Governmental Funded IT Projects / ATT00001	103	-	2,231,407
Groundwater Asset Development Program / ABM00001	293	-	4,478,988
Guard Rails / AIE00002	406	-	3,800,259
Harbor Drive Trunk Sewer / S18006	294	4,000,000	21,045,001
Hendrix Pond/Aviary Park Development / P18003	167	-	300,000
Hickman Fields Athletic Area / S00751	204	-	9,566,320
Hidden Trails Neighborhood Park / S00995	205	-	5,450,000

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Hiking & Equestrian Trail NP #10 / S00722	206	-	620,600
Installation of City Owned Street Lights / AIH00001	408	1,563,897	184,836,009
Install T/S Interconnect Systems / AIL00002	407	-	133,056,004
Instrumentation and Control / AKB00007	295	-	10,600,297
Interstate 5 Underpass-Bikeway/Ped Conn / S00982	409	-	2,250,000
John Baca Park-General Development Plan / P19003	167	-	400,000
Junipero Serra Museum ADA Improvements / S15034	208	-	2,309,787
Kearny Mesa Trunk Sewer / S20000	296	2,000,000	24,200,000
La Jolla Scenic Drive 16inch Main / S12009	297	500,000	11,398,000
La Jolla View Reservoir / S15027	298	200,000	27,000,315
La Media Road Improvements / S15018	412	-	42,700,000
Landfill Improvements / AFA00001	115	-	2,834,975
La Paz Mini Park / S11103	209	-	2,602,840
Large Diameter Water Transmission PPL / AKA00003	299	6,558,557	94,027,675
Little McGonigle Ranch Road Pipeline / S00069	300	-	6,000,000
Lower Otay Outlet Tower / S12018	301	-	2,645,864
Maple Canyon Storm Drain Upgrade / S20003	362	-	30,250,000
Market St-Euclid to Pitta-Improvements / S16022	414	-	5,569,100
Market Street-47th to Euclid-Complete Street / S16061	415	2,000,000	9,805,084
MBC Dewatering Centrifuges Replacement / S00339	302	300,000	12,422,443
MBC Equipment Upgrades / S17013	303	1,961,315	45,487,061
MB GC Clbhouse Demo/Prtbl Building Instl / S01090	211	3,000,000	7,400,000
MBGC Irrigation & Electrical Upgrades / S11010	212	-	4,460,000
Median Installation / AIG00001	416	500,000	19,018,601
Metropolitan System Pump Stations / ABP00002	305	-	12,678,748
Metropolitan Waste Water Department Trunk Sewers / AJB00001	306	6,000,000	82,694,313
Metro Treatment Plants / ABO00001	304	5,639,170	28,198,884
Miramar Clearwell Improvements / S11024	307	-	120,328,744
Miramar Landfill Facility Improvements / L17000	116	-	25,412,024
Miramar Landfill Storm Water Improvements / L18002	118	-	20,300,000
Miramar Road-I-805 Easterly Ramps / S00880	417	-	8,394,073
Mira Mesa Community Pk Improvements / L16002	214	-	21,790,707
Mission Bay Golf Course / AEA00003	215	-	126,096
Mission Bay Improvements / AGF00004	216	7,900,000	99,765,290
Mohnike Adobe and Barn Restoration / S13008	217	-	2,697,000

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Montezuma/Mid-City Pipeline Phase II / S11026	308	18,000,000	46,223,753
Montgomery-Gibbs Executive Airport / AAA00001	88	-	1,996,294
Morena Pipeline / S16027	309	15,364,419	89,340,816
Morena Reservoir Outlet Tower Upgrade / S00041	310	-	23,500,000
Museum of Man Seismic Retrofit / L12003	218	-	6,306,883
NCWRP Improvements to 30 mgd / S17012	311	755,291	39,069,117
New 16" Water Mains (U-3) / RD15003	312	-	1,225,000
New Walkways / AIK00001	419	2,500,000	108,891,377
North Park Mini Park / S10050	219	-	4,669,501
N Torrey Pines Rd Bridge/ Los Peñasquitos / S00935	418	-	15,060,652
Ocean Air Comfort Station and Park Improvements / S16031	221	-	2,181,793
Ocean Beach Lifeguard Station / P18008	127	-	249,487
Olive Grove Community Park ADA Improve / S15028	223	-	3,437,268
Olive St Park Acquisition and Development / S10051	224	-	5,171,585
Otay 1st/2nd PPL West of Highland Avenue / S12016	313	14,627,449	29,440,500
Otay 2nd Pipeline Phase 4 / S20001	314	5,000,000	38,008,900
Otay Mesa Truck Route Phase 4 / S11060	421	-	26,160,000
Otay Second Pipeline Relocation-PA / S15016	316	-	28,044,445
Pacific Beach Pipeline South (W) / S12015	317	1,656,490	41,766,933
Pacific Highlands Ranch Branch Library / S14023	152	-	26,164,178
Pacific Highlands Ranch Hiking & Biking / RD12003	226	-	6,331,868
Palm Avenue Interstate 805 Interchange / S00869	422	-	35,618,663
Park Boulevard At-Grade Crossing / S15045	424	-	26,755,948
Park de la Cruz Neighborhood Park Improvements / S15003	228	-	15,537,669
Park Improvements / AGF00007	229	547,000	14,895,088
Pipeline Rehabilitation / AJA00002	318	11,867,986	161,982,580
Police 911 Call Manager / S15024	267	-	1,230,275
Police Range Refurbishment Phase II / S18005	268	-	14,600,000
Pressure Reduction Facility Upgrades / AKA00002	319	1,200,000	5,486,300
PS2 Power Reliability & Surge Protection / S00312	320	12,955,568	76,075,800
Pump Station Restorations / ABP00001	321	2,800,000	24,777,155
Pure Water Pooled Contingency / P19002	279	-	102,663,837
PURE Water Program / ALA00001	322	-	1,738,670,309
Rancho Bernardo Rd Widening I-15 / Bernardo Ctr Dr / RD19006	428	-	3,050,055
Recycled Water Systems Upgrades / AHC00004	323	-	86,899

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Recycled Water Tank Modifications / S12014	324	-	1,500,000
Regional Park Improvements / AGF00005	232	1,075,000	6,068,306
Resource-Based Open Space Parks / AGE00001	233	450,000	6,186,443
Riviera Del Sol Neighborhood Park / S00999	234	-	8,970,838
Rolando Joint Use Facility Development / S15029	235	-	1,220,000
Rosecrans Street Corridor Improvements / S00830	430	-	1,398,325
Sage Canyon NP Concession Bldg-Develop / S16035	237	-	1,310,500
Salk Neighborhood Park & Joint Use Devel / S14007	238	-	7,237,278
Scripps Miramar Ranch Library / S00811	155	-	6,076,377
SD River Dredging Qualcomm Way to SR163 / S00606	239	-	1,689,000
Sewer CIP Emergency Reserve / ABT00007	326	-	12,000,000
Sewer Main Replacements / AJA00001	327	55,904,294	505,820,171
Sidewalk Repair and Reconstruction / AIK00003	432	3,300,000	78,168,934
Siempre Viva Road Improvements / P19006	382	-	10,000
Skyline Hills Community Park ADA Improve / S15038	241	-	2,511,760
Solana Highlands NP-Comfort Station Development / S16032	242	-	2,191,000
Southeastern Mini Park Improvements / L16000	243	-	7,972,399
Southwest Neighborhood Park / P18010	167	-	496,664
SR 163/Friars Road / S00851	434	-	64,080,996
SR94/Euclid Av Interchange Phase 2 / S14009	435	-	6,569,800
Standpipe and Reservoir Rehabilitations / ABL00001	329	3,261,000	75,047,668
State Route 56 Freeway Expansion / RD14000	436	-	123,579,843
Streamview Drive Improvements Phase 2 / S18000	438	-	14,562,200
Street Light Circuit Upgrades / AIH00002	439	1,000,000	26,713,928
Street Resurfacing and Reconstruction / AID00005	440	24,673,352	503,559,648
Sunset Cliffs Natural Pk Hillside Imp Preserv Phas / L16001	244	-	4,179,311
Sunset Cliffs Park Drainage Improvements / L14005	245	-	4,834,999
Switzer Canyon Bridge Enhancement Prog / S10054	246	-	75,000
Taft Joint Use Facility Development / S15026	247	-	3,454,600
Talmadge Traffic Calming Infrastructure / S17001	248	-	310,000
Tecolote Canyon Trunk Sewer Improvement / S15020	330	2,000,000	35,000,000
Tierrasanta (Via Dominique) Pump Station / S12040	331	190,000	16,283,996
Torrey Highlands NP Upgrades / S16036	249	-	1,027,938
Torrey Meadows Drive Overcrossing / S10015	441	-	15,215,000
Torrey Pines Golf Course / AEA00001	250	-	1,850,000

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Torrey Pines Road Improvement Phase 2 / S15023	442	-	2,127,468
TP South Golf Course Imp Renovation / S18002	251	-	17,150,000
Traffic Calming / AIL00001	444	500,000	15,745,238
Traffic Signals - Citywide / AIL00004	445	1,000,000	18,558,387
Traffic Signals Modification / AIL00005	446	1,500,000	21,987,272
Tubman Charter School JU Improvements / S13000	252	-	1,404,000
UCSD Fire Station and ROW Improvements / S19003	141	-	20,556,000
University Avenue Complete Street Phase1 / S18001	447	625,000	6,972,720
University Avenue Mobility / S00915	448	-	9,277,310
University Ave Pipeline Replacement / S11021	332	-	27,550,000
University Heights Reservoir Rehabilitation / S20002	333	1,000,000	18,200,000
Unscheduled Projects / AJA00003	334	-	9,051,215
Upas St Pipeline Replacement / S11022	335	-	37,387,986
Utilities Undergrounding Program / AID00001	449	10,000,000	120,676,518
Via de la Valle Widening / RD11001	450	-	10,430,244
Village Center Loop Rd-N Carmel Valley Rd / S19002	451	-	3,800,000
Villa Monserate Neighborhood Park Upgrades / S16048	253	-	1,707,221
Wangenheim Joint Use Facility / S15007	254	-	9,517,667
Water CIP Emergency Reserve / ABT00008	337	-	5,000,000
Water Department Security Upgrades / S00050	338	1,000,000	8,565,062
Water Main Replacements / AKB00003	339	78,535,744	725,520,577
Water Pump Station Restoration / ABJ00001	340	800,000	49,237,123
Water & Sewer Group Job 816 (W) / S13015	336	-	18,199,392
Watershed CIP / ACC00001	363	-	544,253,600
Water Treatment Plants / ABI00001	342	-	19,316,153
W Mission Bay Dr Bridge Over SD River / S00871	453	-	149,403,719
Ysabel Creek Road Repair / P19001	382	-	200,000
Total		\$ 364,484,544	\$ 9,052,477,761
Warranty			
Alta La Jolla Drive Drainage Repair PhII / S10001	359	\$ -	\$ 6,206,105
Carmel Mountain Road (T-5.2) / RD15002	389	-	3,394,721
Carmel Vly Rd Widening(Camino Del Sur to Blk MtnRd / RD15001	393	-	1,774,058
Carroll Cyn Rd/Sorrento Valley Rd Dist 1 / S00841	394	-	20,768,154
Charles Lewis III Memorial Park / S00673	184	-	4,378,845

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Chicano Park Recreation Center / S18008	185	-	1,315,000
Children's Pool Lifeguard Station / S00644	129	-	4,583,675
City Heights Pedestrian Improvements / S15044	395	-	3,468,673
CNG Fueling Station for Refuse & Recycling / S15000	113	-	5,550,000
Covered Aerated Static Pile System / S16053	114	-	5,000,000
Del Sol Boulevard-Central / S00858	401	-	5,529,194
Doyle Park Community Park ADA Upgrades / S15037	194	-	695,928
East Fortuna Staging Area Field Stn Bldg / S14016	195	-	6,575,543
Encanto Comm Pk Security Lighting Upgrades / S16017	200	-	404,560
Euclid Avenue & Home Improvements / S00886	403	-	1,032,740
Famosa Slough Salt Marsh Creation / S00605	202	-	556,398
Fire Station No. 08 - Mission Hills / S10029	131	-	1,398,500
Fire Station No. 15 - Ocean Beach Expansion / S13011	132	-	1,047,660
Genesee Avenue Widen I-5 Crossing / S00839	404	-	22,587,667
Georgia Street Bridge Improvements / S00863	405	-	16,700,588
Hayes Ave Storm Drain / S11002	361	-	1,399,100
Juan Street Concrete Street / S00602	410	-	8,354,843
La Jolla Village Drive-I-805 Ramps / S00857	411	-	23,974,536
Linda Vista/Genesee Intersection Improve / S00907	413	-	1,109,721
Marie Widman Memorial Pk Security Lighting Upgrade / S16018	210	-	475,000
Memorial Comm Pk Playground ADA Upgrades / S16020	213	-	2,473,128
Miramar Landfill Gas Recovery Improvemen / S16052	117	-	9,650,000
Old Otay Mesa Road-Westerly / S00870	420	-	15,827,518
Pacific Highlands Ranch Community Park / RD16002	225	-	37,400,901
Palm Avenue Roadway Improvements / S00913	423	-	4,817,209
Palm Avenue Transitional Housing / S18003	351	-	6,500,000
Paradise Senior Center Improvements / S15002	227	-	700,000
Rancho Mission Canyon Park Upgrades / S15004	231	-	2,324,695
Regents Rd Widening-Genesee to Executive / S00881	429	-	8,180,000
Rolling Hills Neighborhood Park ADA Upgrades / S15021	236	-	2,336,597
San Ysidro Branch Library / S00802	154	-	13,003,466
SBWR Plant Demineralization / S00310	325	-	5,973,695
Silver Wing Pk Ballfield Lighting - Ph 2 / S16051	240	-	1,142,786
South Chollas Landfill Improvements / S00684	119	-	15,743,904
South Mission Beach Lifeguard Station / S00791	140	-	7,418,079

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SR 163/Clairemont Mesa Blvd Interchange / S00905	433	-	18,346,435
Streamview Drive Improvements / S00864	437	-	4,449,951
Tierrasanta Library Expansion / S15011	156	-	1,602,000
Torrey Pines Road Slope Restoration / S00877	443	-	4,597,720
Wightman Street Neighborhood Park / S00767	255	-	3,490,779
Total		\$ -	\$ 314,260,070
Underfunded			
Convention Center Phase III Expansion / S12022	99	\$ -	\$ 685,011,298
Fire Station No. 49 - Otay Mesa / S00784	134	-	8,410,000
Fire Station No. 54 - Paradise Hills / S00785	137	-	13,300,000
North Pacific Beach Lifeguard Station / S10119	139	-	7,257,599
NTC Aquatic Center / S10000	220	-	9,486,726
San Carlos Branch Library / S00800	153	-	26,576,667
Sea World Dr/I5 Interchange Improvement / S00888	431	-	120,163,109
Total		\$ -	\$ 870,205,398