

Capital Improvements Program

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 000-02), CIP descriptions clearly establish that a project is capital in nature. 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. Each capital project is represented by a City department and categorized by project type and improvement type. Project types provide a categorized breakdown of the type of facility being constructed or improved. Improvement types describe the project's impact on existing assets and 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. Project types are discussed in greater detail beginning on page 57.

The City's CIP prioritization process establishes guidelines for project selection and an objective process for ranking projects which then allows decision-makers 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 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 or lease purchase may be utilized for large and/or costly projects, and deferred capital project needs.

Additionally, funding options utilizing the available resources are taken 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. 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 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-owning department. New or expanded capital projects can lead to increased programs which require additional personnel and non-

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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. 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.

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 2017 Proposed CIP Budget document includes the following information.

- A list of underfunded projects which are proposed to receive funding if other projects have savings at project completion is provided on page 15.
- A list of projects entering into construction contracts is provided on page 18 so that City Council may review 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 2017 Proposed CIP Budget have been organized into four project status categories as shown in **Table 2** at the end of this section on page 30. The project status categories are:
 - *New*: projects that are newly established as part of the Fiscal Year 2017 Proposed Budget
 - *Continuing*: projects initiated in Fiscal Year 2016, 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 2017 allocations for City Council approval can be found in the Fiscal Year 2017 Proposed CIP Budget Summary (pages 5-24).
- Department narratives have been included for each asset-owning department in conjunction with a list of that department's projects and precede each department's project pages.

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- A CIP webpage (<http://www.sandiego.gov/cip/>) provides project information that is readily available to the public.

In addition to the streamlining measures above, on December 2, 2015 the Financial Management Department released Report No: 15-107, Semi-Annual CIP Budget Monitoring Report, December 2015. The Semi-Annual CIP Budget Monitoring Report is the first ever CIP monitoring report which 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, reallocation of funding from projects that are technically complete, pooling project contingencies, deappropriation of annual allocations at year-end, encumbrance policy improvements, and a commercial paper program, is to manage cash in the CIP as efficiently and effectively as possible. A total of \$74.4 million in project savings and reallocations from cash management and streamlining efforts were included in this 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.

- The total amount expended on CIP projects.
- The value of CIP contracts awarded for construction.
- The value of CIP construction work-in-place.
- 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. In addition, the CIP Audit of 2011 elaborated on how important it was for the City to implement a comprehensive multi-year plan in addition to the annual CIP budget. 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 December 7, 2015, the Public Works Department released its Five-Year Capital Infrastructure Planning Outlook (CIP Outlook) report. The CIP Outlook is the second consolidated CIP plan which presents a comprehensive overview of the City's CIP including current driving factors, reviews of services level standards, a discussion of condition assessment impacts, and a cost analysis which spans over multiple fiscal years. The CIP Outlook will be released on an annual basis and will be used as a guide in developing the City's Annual Capital Improvement Program Budget.

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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. FBA funded project budgets should mirror the project as represented in Public Facilities Financing Plans. TransNet revenue estimates are based upon sales tax projections provided by the San Diego Association of Governments (SANDAG). These estimates are utilized in preparation of the TransNet five-year program of projects as required by SANDAG for compliance with the Regional Transportation Improvement Program. These and all other revenue sources are carefully monitored throughout the year and will be adjusted as needed. 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. Other funding sources may also be included. 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 1 provides expected revenues in major fund source categories for the current budget year and following four years of the multi-year CIP.

Table 1: Five-Year CIP by Funding Source (in thousands of dollars)

Funding Source	FY2017 Proposed	FY2017 Anticipated	FY2018	FY2019	FY2020	FY2021	Total by Source
Bond Financing	\$ -	\$ 49,922	\$ -	\$ -	\$ -	\$ -	49,922
Bus Stop Capital Improvement Fund	-	60	60	60	60	60	300
Deferred Capital Projects Bonds	-	90,000	90,000	90,000	-	-	270,000
Developer Funding	-	15,629	2,010	-	-	-	17,639
Development Impact Fees	1,610	5,372	-	-	-	-	6,982
Donations	-	12,241	-	-	-	-	12,241
EDCO Community Fund	675	-	-	-	-	-	675
Energy Conservation Program Fund	300	750	-	-	-	-	1,050
Environmental Growth Funds	2,431	-	1,751	1,271	1,728	3,215	10,397
Facilities Benefit Assessments	1,400	77,074	52,510	24,945	40,292	14,307	210,527
Federal Grants	-	116	103,538	-	-	-	103,654
Fleet Services Internal Service Fund	-	330	-	-	-	-	330
General Fund	10,525	400	15,376	19,575	14,375	10,375	70,626
Golf Course Enterprise Fund	500	-	9,500	-	-	-	10,000
Infrastructure Improvement Funds	-	2,042	200	-	-	-	2,242
Lease Purchase Fund	6,810	-	1,098	-	-	-	7,908
Library System Improvement Fund	156	-	-	-	-	-	156
Maintenance Assessment Districts	580	-	-	-	-	-	580

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Table 1: Five-Year CIP by Funding Source (in thousands of dollars)

Funding Source	FY2017 Proposed	FY2017 Anticipated	FY2018	FY2019	FY2020	FY2021	Total by Source
Mission Bay Improvements Fund	6,158	-	7,169	7,697	8,151	8,614	37,789
QUALCOMM Stadium Fund	-	-	750	750	750	750	3,000
Recycling Fund	820	-	-	-	-	-	820
Regional Park Improvements Fund	2,500	-	2,500	500	2,000	2,100	9,600
Regional Transportation Congestion Improvement Program	-	700	-	-	-	-	700
Sewer Funds	155,525	250	120,967	88,941	98,636	240,365	704,684
State Grants	-	6,466	-	-	-	-	6,466
TransNet Funds	19,030	-	19,965	20,940	21,966	23,039	104,941
Trench Cut/Excavation Fee Fund	1,500	-	1,500	1,500	1,500	1,500	7,500
Water Fund	162,206	-	210,198	194,972	401,112	515,993	1,484,482
Total	\$ 372,726	\$ 261,353	\$ 639,092	\$ 451,152	\$ 590,569	\$ 820,319	\$ 3,135,211

Note: This table does not include unidentified funding of \$1.68 billion or \$29.5 million of funding expected in Fiscal Year 2021 or beyond.

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 annualized 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 2017:

- The launching of Public Utilities innovative water purification technology known as Pure Water San Diego. Pure Water San Diego is a 20-year cost effective, integrated water and wastewater capital improvement program to provide a safe, secure, and sustainable local water supply by turning recycled water into drinkable water through the use of water purification technology. It will also eliminate the need for nearly \$2.1 billion of upgrades to the Point Loma Wastewater Treatment Plant and associated facilities.
- Over 300 miles of City streets will be resurfaced, contributing to the goal of resurfacing 1,000 miles by 2020. Additionally, the Transportation and Storm Water Department's goal is to complete 50 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 Park de la Cruz Neighborhood Park will be put into service.
- Complete the installation of solar photovoltaic systems at 25 City sites.
- The Fire-Rescue Department continues to update and construct facilities to best serve the City of San Diego and to conform to the Citygate Report's recommendations. Some highlights include land acquisition for both fire stations at Home Avenue and Fire Station 7 in Barrio Logan.
- The Library Department will make major headway on the Mission Hills/Hillcrest Branch Library as they expect to finish construction in Fiscal Year 2019 to better serve the residents of this community.

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

- Undergrounding of utilities
- Bond financing for deferred capital projects
- Improvements for compliance with the Americans with Disabilities Act

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-owning 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-owning 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 XV, Section 265, Item (b) (15)].

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.

July: The annual Appropriations Ordinance is presented to the City Council and adopted in July authorizing expenditure of the CIP budget.

Table 2: Projects by Project Status

Project Name	Page No.	FY2017 Proposed	Project Total
New			
Balboa Pk Bud Kearns Aquatic Complex Imp / S17000	179	\$ 500,000	\$ 1,200,000
Fire Station No 39 Replacement / S17002	110	850,000	9,370,000
Pershing MidSch Joint Use Synthet Turf Replacement / S17007	263	500,000	1,170,720
Southeastern Mini Park Improvements / L16000	285	675,000	4,675,000

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Project Name	Page No.	FY2017 Proposed	Project Total
Talmadge Traffic Calming Infrastructure / S17001	295	160,000	160,000
University Heights Water Tower Seismic Retrofit / S17006	416	600,000	1,148,000
Total New		\$ 3,285,000 \$	17,723,720
Continuing			
30th Street Pipeline Replacement / S12010	343	\$ 750,000 \$	14,740,000
36th Street Landscape Maintenance / S00902	173	-	50,000
69th & Mohawk Pump Station / S12011	344	6,000,000	18,287,000
ADA Improvements & Expansion of Paradise Senior Ce / S15002	174	-	3,290,554
Airway Road Improvements / S16043	474	-	10,000
Alta La Jolla Drive Drainage Repair PhII / S10001	475	-	6,206,105
Alvarado 2nd Extension Pipeline / S12013	345	1,500,000	47,769,986
Alvarado Trunk Sewer Phase IV / S15019	346	1,000,000	21,800,000
Americans with Disabilities Improvements / ABE00001	433	759,600	73,437,388
Angier Elementary School Joint Use / S00762	175	-	2,671,575
Backup Generators at SPS's, TP & EMTS / S12036	347	-	17,745,600
Balboa Avenue Corridor Improvements / S00831	478	-	2,902,027
Balboa Park Golf Course / AEA00002	176	500,000	2,968,552
Balboa Park Golf Course - Clubhouse / S00614	177	-	12,088,120
Balboa Park West Mesa Comfort Station Replacement / S15036	178	300,000	1,479,734
Bayview Reservoir Solar Project / S14021	349	-	2,325,000
Bridge Rehabilitation / AIE00001	481	250,000	6,157,327
Brown Field / AAA00002	85	-	10,519,138
Bus Stop Improvements / AID00007	482	-	897,908
CAD System Replacement Project / S13100	325	-	9,080,898
CIP Emergency Reserve / ABT00006	163	-	1,000,000
CNG Fueling Station for Refuse & Recycling / S15000	93	1,720,000	5,050,000
California Tower Seismic Retrofit / L12003	183	-	2,775,612
Camino Del Sur - 2 Lns(T Sta Fe to Carmel Mtn. Rd) / RD15000	484	-	5,170,000
Camino Del Sur-SR-56 to Dormouse / S00872	485	-	15,367,894
Camino Santa Fe Median Improvements / S10037	184	-	270,000
Canyon Hills Resource Park Improvements / S15006	185	-	6,173,502
Canyonside Community Park Improvements / S12004	186	-	1,000,841
Carmel Country Road Low Flow Channel / S00969	486	-	2,712,000
Carmel Mountain Rd to Del Mar Mesa Rd / S00846	487	-	1,800,000
Carmel Mountain Road (T-5.2) / RD15002	488	-	5,400,000
Carmel Val Rd-Lopelia Mdws-Via Abertura / S00934	490	-	14,600,000
Carmel Val Rd-Via Albutura-Camin Del Sur / S00854	491	-	15,223,324
Carmel Valley Landscaping & Irrigation / L14000	187	-	500,000
Carmel Valley Neighborhood Park #8 / S00642	188	-	6,630,526
Carmel Valley Rd 4/6 Lanes s of Street A / S00900	492	-	7,085,000
Carmel Vly Rd Widening(Camino Del Sur to Blk MtnRd) / RD15001	494	-	1,774,058
Carroll Cyn Rd/Sorrento Valley Rd Dist 1 / S00841	495	-	21,058,000

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Project Name	Page No.	FY2017 Proposed	Project Total
Catalina 12inch Cast Iron Mains / S12008	350	6,072,816	12,480,000
Central Ave Mini Park Ph II Skate Plaza / S14010	189	-	846,950
Central Avenue MP Acquisition/Development / S00992	190	-	2,066,714
Cesar Solis Community Park / S00649	191	-	17,480,109
Chicano Park ADA Upgrades / S13003	193	-	1,900,835
Children's Park Improvements / S16013	194	-	3,900,000
Children's Pool Lifeguard Station / S00644	107	-	4,352,607
Chollas Building / S11025	351	4,500,000	25,200,000
Chollas Lake Pk Playground Improvements / S14002	196	-	1,739,000
Cielo & Woodman Pump Station / S12012	352	2,085,000	7,261,718
City Facilities Improvements / ABT00001	436	250,000	249,883,623
Citywide Energy Improvements / ABT00003	94	300,000	822,246
Coast Blvd Walkway Improvements / S15001	197	-	576,000
Coastal Erosion and Access / AGF00006	198	-	3,312,872
College Area Fire Station / S16015	108	-	12,000,000
Concrete Streets / AID00006	498	-	29,843,067
Convention Center Phase III Expansion / S12022	455	-	517,182,728
Convention Center Sails Pavilion / L15000	456	-	19,547,313
Convert RB Medians-Asphalt to Concrete / L12000	199	175,000	208,764
Cooperative Traffic Signal Projects / AIL00003	500	-	110,702
Corrosion Control / AKA00001	353	-	498,943
Crest Canyon Resource Management Plan / S10067	200	-	75,000
Dams and Reservoirs / ABK00001	354	-	2,129,199
Del Mar Heights Pipeline Relocation / S00070	355	1,400,000	7,950,000
Del Mar Heights Road-4/6 Lanes / S00903	501	-	9,842,000
Del Mar Mesa Central Multi Use Trail / S00890	202	-	161,000
Del Mar Mesa N Hiking/Equestrian Trail / S00892	203	-	386,000
Del Mar Mesa Neighborhood Park Ph II / S13023	204	-	2,060,354
Del Mar Mesa Southern Multi-Use Trail / S00889	205	-	110,300
Del Sol Boulevard-Central / S00858	502	-	5,088,194
Dennery Ranch Neighborhood Park / S00636	206	-	15,100,001
Dennery Road East / S10018	503	-	825,000
Doyle Park Community Park ADA Upgrades / S15037	207	-	420,402
Drainage Projects / ACA00001	504	2,825,000	255,153,775
EB Scripps Pk Comfort Station Replacement / S15035	208	700,000	1,160,379
EMTS Boat Dock and Steam Line Relocation / S00319	356	-	2,018,535
East Village Green Phase 1 / S16012	210	-	20,008,158
Egger/South Bay Community Park ADA Improvements / S15031	211	-	2,439,886
El Cajon Blvd Streetscape Improvements / S00826	212	30,000	2,413,730
El Camino Real to ViaDeLaValle (1/2 mile) / S00856	506	-	33,541,101
El Cuervo Adobe Improvements / S14006	213	256,000	621,368
El Monte Pipeline No 2 / S10008	357	200,000	17,921,010
Encanto Comm Pk Security Lighting Upgrades / S16017	214	-	404,550

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Project Name	Page No.	FY2017 Proposed	Project Total
Enterprise Radio/Phone Logger / S15025	326	-	1,697,882
Evans Pond Reclaimed Water Pipeline Inst / S13010	215	165,000	427,467
Fairbrook Neighborhood Park Development / S01083	216	-	3,453,080
Fire Station Major Component Replacement Rehab / ABC00001	109	-	247
Fire Station No. 02 - Bayside / S15042	111	-	20,000,000
Fire Station No. 05 - Hillcrest / S00788	112	-	9,661,923
Fire Station No. 07 - Barrio Logan / S15013	113	-	12,000,000
Fire Station No. 08 - Mission Hills / S10029	114	-	1,238,500
Fire Station No. 15 - Ocean Beach Expansion / S13011	115	-	735,000
Fire Station No. 17 - Mid-City / S00783	116	-	10,328,624
Fire Station No. 22 - Point Loma / S00787	117	-	8,053,161
Fire Station No. 45 - E Mission Valley / S00688	119	-	10,968,692
Fire Station No. 48 - Black Mountain Ranch / S15015	120	-	-
Fire Station No. 49 - Otay Mesa / S00784	121	-	8,400,000
Fire Station No. 50 - North University City / S13021	122	-	14,000,000
Fire Station No. 51 - Skyline Hills / S14017	123	-	12,000,000
Fire-Rescue Air Operations Facility / S15012	125	-	12,500,000
Fleet Services Elect & Fac Improvements / L14002	437	-	1,043,000
Freeway Relocation / AKB00002	358	595,273	2,867,335
Future Waste Mgmt Disposal & Pro Fac / S01088	95	-	13,626,920
Gamma Street Mini-Park ADA Improvements / S15032	218	-	1,751,348
Genesee Avenue Widen I-5 Crossing / S00839	511	-	22,587,667
Genesee Avenue-Nobel Dr to SR 52 / S00852	512	-	24,301,700
Georgia Street Bridge Improvements / S00863	513	-	13,459,773
Golf Course Drive Improvements / S15040	219	-	2,000,000
Gonzales Canyon Resource Management Plan / S10068	220	-	60,000
Groundwater Asset Development Program / ABM00001	359	100,000	3,915,844
Guard Rails / AIE00002	514	-	4,429,667
Harbor Dr TS Participation Agreement / RD16001	360	2,991,250	13,122,922
Hayes Ave Storm Drain / S11002	515	-	555,000
Hickman Fields Athletic Area / S00751	221	-	4,550,180
Hiking & Equestrian Trail NP #10 / S00722	223	-	620,600
Home Avenue Fire Station / S14018	126	-	12,000,000
I AM San Diego Project / S14000	363	22,700,030	49,768,239
I5 to SR56 Freeway Connectors / S00707	518	-	9,264,000
I5/SR56 Fiberoptic Relocation / S00708	519	-	197,104
Install T/S Interconnect Systems / AIL00002	520	1,413,547	9,337,113
Installation of City Owned Street Lights / AIH00001	521	1,260,000	9,924,381
Instrumentation and Control / AKB00007	364	-	3,000,000
Interstate 5 Underpass-Bikeway/Ped Conn / S00982	522	-	1,651,010
Juan Street Concrete Street / S00602	523	-	8,129,843
Junipero Serra Museum ADA Improvements / S15034	224	-	1,500,000
Keiller Neighborhood Park ADA Improvements / S15030	225	-	764,000

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Project Name	Page No.	FY2017 Proposed	Project Total
Kelly St Neighborhood Pk Security Lighting Upgrade / S16016	226	-	150,000
La Jolla Cove Lifeguard Station / S00792	127	-	1,874,627
La Jolla Mesa Drive Sidewalk / S00928	525	-	826,000
La Jolla Scenic Drive 16inch Main / S12009	365	4,832,598	8,280,800
La Jolla View Reservoir / S15027	366	500,000	16,800,000
La Media Road Improvements / S15018	528	-	39,147,800
Large Diameter Water Transmission PPL / AKA00003	367	2,250,000	62,349,017
Larsen Field ADA Improvements Phase II / S13004	228	-	1,791,809
Library Collection Conversion to RFID / S12000	143	-	700,000
Linda Vista Skate Park / S15008	229	-	3,058,985
Linda Vista/Genesee Intersection Improve / S00907	530	-	888,000
Little McGonigle Ranch Road Pipeline / S00069	369	-	5,257,000
Little McGonigle Ranch Road-DM Mesa/SR56 / S16040	531	-	6,264,589
Lomita Neighborhood Park Playground ADA Upgrades / S16019	230	-	450,000
Los Penasquitos Cyn Preserve STRI Restor / S13014	231	-	981,098
Lower Otay Outlet Tower / S12018	370	500,000	1,990,811
Lower Otay Reservoir Emer Outlet Improve / S00044	371	-	3,100,000
MBC Biosolids Storage Silos / S00322	372	-	9,047,838
MBC Dewatering Centrifuges Replacement / S00339	373	-	12,122,443
MBC Odor Control Facility Upgrades / S00323	374	1,100,000	7,715,612
MOC Complex Solar Project / S14022	375	-	2,675,000
MTRP Equestrian & Multi Use Staging Area AdminBldg / S14016	232	1,375,373	4,500,339
Marie Widman Memorial Pk Security Lighting Upgrade / S16018	233	-	300,000
Market St-Euclid to Pitta-Improvements / S16022	533	-	1,000,000
Martin Luther King Jr. Promenade / S13020	534	-	1,230,000
Median Installation / AIG00001	535	718,325	2,669,020
Memorial Comm Pk Playground ADA Upgrades / S16020	235	-	1,864,000
Memorial Community Building Clearance Activity / S15039	236	-	650,000
Metro Treatment Plants / ABO00001	377	1,500,000	11,235,884
Metropolitan System Pump Stations / ABP00002	378	-	16,113,630
Metropolitan Waste Water Department Trunk Sewers / AJB00001	379	3,600,000	30,364,201
Midway Street Bluff Repair / S12005	536	-	475,883
Minor Bike Facilities / AIA00001	537	750,000	5,300,718
Minor Improvements to Landfills / AFA00001	96	-	1,634,975
Mira Mesa CP - Exp & Aquatic Complex / S00667	237	-	35,349,823
Miramar Clearwell Improvements / S11024	380	22,180,091	114,728,744
Miramar Landfill Greenery Expansion / S00975	97	-	397,858
Miramar Road-I-805 Easterly Ramps / S00880	538	-	6,548,073
Mission Bay Athletic Area Comfort Station Mod / S10021	238	-	1,029,057
Mission Bay GC Practice Ctr Bldg Improve / S01090	239	-	1,400,000
Mission Bay GC Renovation/Reconstruction / S11010	240	-	2,960,000
Mission Bay Golf Course / AEA00003	241	-	867,243
Mission Bay Improvements / AGF00004	242	6,157,723	57,447,064

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Table 2: Projects by Project Status

Project Name	Page No.	FY2017 Proposed	Project Total
Mission Beach Brdwalk Bulkhead Phased / L14004	540	-	9,857,000
Mission Hills-Hillcrest Library / S13022	144	-	17,847,523
Mission Trails RP Cowles Mountain Trail / S10065	244	-	400,000
Mission Trails RP Master Plan Update / S01014	245	-	884,829
Mission Trails RP Trail Realignments / S10066	246	-	215,000
Mohnike Adobe and Barn Restoration / S13008	247	-	2,549,880
Montezuma/Mid-City Pipeline Phase II / S11026	381	3,500,000	31,555,000
Montgomery Academy JU Improvements / S00973	248	-	1,331,511
Montgomery-Gibbs Executive Airport / AAA00001	86	-	10,159,184
Morena Pipeline / S16027	382	1,500,000	25,906,014
Morena Reservoir Outlet Tower Upgrade / S00041	383	4,300,000	19,000,000
Mountain View NP Area Upgrades / S11019	249	-	1,639,033
NCWRP Sludge Pump Station Upgrade / S00309	384	-	1,207,096
NTC Aquatic Center / S10000	251	-	9,486,726
New 16" Water Mains (U-3) / RD15003	385	-	1,225,000
New Walkways / AIK00001	544	1,658,619	19,643,693
North City Reclamation System / AHC00002	386	-	4,730,346
North Pacific Beach Lifeguard Station / S10119	129	-	7,257,870
North Park Mini Park & Streetscape Improvements / S10050	253	-	6,046,693
Old Otay Mesa Road-Westerly / S00870	545	-	14,841,671
Olive Grove Community Park / S15028	256	-	2,598,384
Olive St Park Acquisition/Development / S10051	257	-	2,771,585
Open Space Improvements / AGG00001	258	-	2,072,253
Otay 1st/2nd PPL Abandon E of Highland / S11027	387	-	6,833,390
Otay 1st/2nd PPL West of Highland Avenue / S12016	388	900,000	29,440,500
Otay Mesa Truck Route Phase 4 / S11060	546	-	19,150,000
Otay Second Pipeline Relocation-PA / S15016	389	-	25,574,500
Otay WTP Concrete Work / S11059	390	-	2,751,306
PS 84 Upgrade & PS 62 Abandon / S00308	391	-	10,320,400
PS2 Power Reliability & Surge Protection / S00312	393	7,000,000	43,000,000
PURE Water Program / ALA00001	394	76,000,000	1,034,345,778
Pacific Beach Curb Ramp Barrier Removal / S11048	547	-	246,000
Pacific Beach Pipeline South (W) / S12015	395	5,900,000	27,516,758
Pacific Highlands Ranch Branch Library / S14023	147	-	19,324,000
Pacific Highlands Ranch Community Park / RD16002	259	-	47,010,002
Pacific Highlands Ranch Hiking & Biking / RD12003	260	-	7,169,905
Pacific Highlands Traffic Signals / S01062	548	-	2,400,000
Palm Avenue Interstate 805 Interchange / S00869	550	-	17,368,663
Palm Avenue Roadway Improvements / S00913	551	-	4,617,209
Park Boulevard At-Grade Crossing / S15045	552	-	13,998,000
Park de la Cruz Neighborhood Park Improvements / S15003	262	-	11,891,903
Pipeline Rehabilitation / AJA00002	396	43,000,000	203,430,238
Point Loma Grit Processing Improvements / S00315	397	-	37,095,037

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Project Name	Page No.	FY2017 Proposed	Project Total
Police 911 Call Manager / S15024	327	-	1,230,275
Police HQs CoGeneration Repower Project / S10131	328	-	1,733,085
Police Range Refurbishment / S10118	329	-	8,975,812
Pomerado Median Improve-N of R Bernardo / S10035	264	-	1,099,840
Pressure Reduction Facility Upgrades / AKA00002	398	-	350,000
Public Safety Training Institute / S00816	330	-	505,000
Pump Station 64,65, Penasquitos, E Mission Gorge / ABP00003	399	-	6,564,099
Pump Station Restorations / ABP00001	400	-	16,677,682
QUALCOMM Stadium / ABG00001	447	-	4,916,720
Rancho Mission Neighborhood Park Play Area Upgrade / S15004	266	-	1,274,689
Rancho Penasquitos Towne Centre Park Imp / S12003	268	-	175,000
Reclaimed Water Extension / AHC00001	401	-	159,125
Reclaimed Water Retrofit / AHC00003	402	-	250,002
Recycled Water Systems Upgrades / AHC00004	404	950,000	1,287,422
Recycled Water Tank Modifications / S12014	405	-	1,400,000
Regents Rd Widening-Genesee to Executive / S00881	554	-	6,230,000
Regents Road Bridge / S00729	555	-	31,554,476
Regional Park Improvements / AGF00005	269	-	101,652
Resource-Based Open Space Parks / AGE00001	270	800,000	11,585,420
Resurfacing of City Streets / AID00005	556	1,500,000	437,808,491
Rolando Joint Use Facility Development / S15029	272	-	2,296,399
Rolling Hills Neighborhood Park ADA Upgrades / S15021	273	-	400,000
Roof Replacement / ABT00002	438	-	223,057
Rose & Tecolote Creeks Water Quality Improvements / ACC00002	557	-	1,085,119
Rosecrans Street Corridor Improvements / S00830	558	-	1,448,325
SBWR Plant Demineralization / S00310	406	-	5,973,695
SR 163/Clairemont Mesa Blvd Interchange / S00905	559	-	17,921,200
SR 163/Friars Road / S00851	560	3,000,000	126,466,787
SR94/Euclid Av Interchange Phase 2 / S14009	561	3,050,000	3,794,800
Salk Neighborhood Park & Joint Use Devel / S14007	275	-	5,284,658
San Carlos Branch Library / S00800	150	155,605	20,598,001
San Ysidro Branch Library / S00802	152	-	12,827,000
San Ysidro Community Park ADA Improvements / S15033	278	-	967,260
School Traffic Safety Improvements / AIK00002	565	100,000	1,170,336
Sea World Dr/I5 Interchange Improvement / S00888	566	-	120,163,109
Sewer CIP Emergency Reserve / S00342	408	-	5,000,000
Sewer Main Replacements / AJA00001	409	45,300,000	371,043,966
Sidewalk Repair and Reconstruction / AIK00003	567	2,000,000	20,242,301
Siempre Viva Road Improvements / S16044	568	-	10,000
Silver Wing NP Sports Field/Lighting / S11051	279	-	1,228,452
Skyline Hills Comm Pk Security Lighting Upgrades / S16021	281	-	150,000
Skyline Hills Community Park ADA Improve / S15038	282	-	1,217,885
Skyline Hills Library / S00692	154	-	13,934,252

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Table 2: Projects by Project Status

Project Name	Page No.	FY2017 Proposed	Project Total
Sorrento Valley Rd & I5 Interchange / S00914	569	-	3,852,237
South Chollas Landfill Improvements / S00684	98	-	15,828,624
South Metro Sewer Rehabilitation Ph 3B / S00317	410	-	9,214,957
South Mission Beach Lifeguard Station / S00791	133	-	4,982,126
Southcrest Trails 252 Corr Park Imp-Ph2 / S01071	284	-	2,592,270
Stadium Reconstruction / S16025	448	-	2,100,000
Standpipe and Reservoir Rehabilitations / ABL00001	412	3,400,000	29,426,384
State Route 56 Bike Interchanges / S00955	571	-	9,190,503
State Route 56 Freeway Expansion / RD14000	572	-	152,000,000
Streamview Drive Improvements / S00864	573	-	3,525,000
Street Light Circuit Upgrades / AIH00002	574	1,350,000	40,815,371
Sunset Cliffs Natural Pk Hillside Imp Presrv / S10091	286	1,000,000	4,196,034
Sunset Cliffs Park Drainage Improvements / L14005	287	-	11,456,000
Switzer Canyon Bridge Enhancement Prog / S10054	288	-	250,000
Taft Joint Use Facility Development / S15026	289	-	3,354,600
Talmadge Historic Gates / L12001	291	-	363,726
Tecolote Canyon Trunk Sewer Improvement / S15020	413	-	16,860,000
Tierrasanta (Via Dominique) Pump Station / S12040	414	-	14,647,303
Tierrasanta CP Sports Field Lighting / S11011	297	-	1,150,876
Tierrasanta Library Expansion / S15011	155	-	975,000
Torrey Highlands Community ID & Enhance / S11009	298	50,000	375,000
Torrey Highlands Trail System / RD12002	300	-	667,834
Torrey Hills NP Development / S13007	301	-	1,000,000
Torrey Hills SDG&E Easement Enhancement / S11006	302	-	441,000
Torrey Meadows Drive Overcrossing / S10015	578	-	9,115,000
Torrey Meadows NP South / S00651	303	-	7,922,755
Torrey Pines Golf Course / AEA00001	304	-	1,467,123
Torrey Pines N. Golf Course-Improvements / S14019	305	-	14,170,000
Torrey Pines Road Improvement Phase 2 / S15023	580	1,300,000	1,600,000
Traffic Calming / AIL00001	582	760,000	9,634,028
Traffic Signals - Citywide / AIL00004	583	150,000	6,640,440
Traffic Signals Modification / AIL00005	584	100,000	10,140,930
Triple Pipe Crossing Dennerly Road / S10017	585	-	750,000
Tubman Charter School JU Improvements / S13000	307	-	2,735,040
Underground Tank Program / AFA00002	99	-	407,565
University Ave Pipeline Replacement / S11021	415	7,450,000	26,250,000
University Avenue Mobility / S00915	586	3,200,000	5,780,000
University Village Park Tot Lot / S13005	308	-	545,253
Unscheduled Projects / AJA00003	417	2,500,000	10,750,385
Upas St Pipeline Replacement / S11022	418	14,600,000	33,896,326
Utilities Undergrounding Program / AID00001	587	-	83,248,276
Valencia Park Acquisition & Development / S11103	309	-	1,315,810
Via de la Valle Widening / RD11001	588	-	1,002,749

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Project Name	Page No.	FY2017 Proposed	Project Total
W Mission Bay Dr Bridge Over SD River / S00871	590	-	109,600,000
Wagenheim Joint Use Facility / S15007	310	-	5,366,168
Water & Sewer Group Job 816 (W) / S13015	419	8,850,000	17,093,884
Water CIP Emergency Reserve / S00048	420	-	5,000,000
Water Department Security Upgrades / S00050	421	1,500,000	17,224,930
Water Main Replacements / AKB00003	422	8,624,318	447,668,855
Water Pump Station Restoration / ABJ00001	423	3,710,000	32,663,393
Water Treatment Plants / ABI00001	424	-	5,563,225
Watershed CIP / ACC00001	591	4,000,000	45,520,983
Wegeforth Elementary School Joint Use / S00764	312	-	3,346,244
West Maple Canyon MP / S00760	314	-	1,037,630
West Miramar Landfill - Phase 2 / S00774	100	-	3,060,000
Westerly Extension of Hazard Center Dr / RD10001	592	-	1,000,000
Wet Weather Storage Facility / S00314	425	-	7,272,127
Wightman Street Neighborhood Park / S00767	315	-	3,480,779
Total Continuing		\$ 369,421,168 \$	6,768,061,979

Warranty

25th Street Renaissance Project / S00985	469	\$ - \$	2,662,048
34th & 35th @ Madison Ave Improvements / S00922	470	-	1,395,854
34th Street Storm Drain / S11001	471	-	339,775
38th Street Improvements / S00930	472	-	1,300,000
43rd St fr Logan to I805 St Widening / S00845	473	-	8,948,223
Avenida de la Playa Infrastructure-SD / S13018	476	-	4,862,508
Azalea Park Neighborhood Identification / S00699	477	-	388,002
Balboa Terrace Trunk Sewer / S12035	348	-	8,835,110
Bay Terraces Parkside Greenbelt Lighting / S14008	180	-	82,312
Bayshore Bikeway / S00944	479	20,000	5,667,775
Bear Drive Retaining Wall / S10093	480	-	602,787
CAB Fire Sprinkler Retrofit Project / S00819	435	-	4,473,000
Cabrillo Heights NP Improvements / S00763	182	-	626,756
Camino Del Sur (Bernardo Lks/Lone Quail) / RD11000	483	-	50,000
Carmel Val Rd-Del Mar Hts-Lopelia Mdws / S00906	489	-	7,205,000
Carmel Valley Road Enhancement Project / S00859	493	-	9,094,641
Charles Lewis III Memorial Park / S00673	192	-	4,647,495
Cherokee Street Improvements / S00921	496	-	1,986,005
Coolidge Street Storm Drain / S11003	499	-	548,000
Crystal Pier Improvements / S11014	201	-	1,103,987
East Village Green General Development Plan / S16014	209	-	100,000
El Camino Real Widening / S00916	505	-	100,000
El Camino Real/SR 56 Bike Path Connector / S00981	507	-	545,340
Euclid Avenue & Home Improvements / S00886	508	-	1,012,740
Famosa Slough Salt Marsh Creation / S00605	217	-	363,357

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Project Name	Page No.	FY2017 Proposed	Project Total
Fire Station No. 38 - Mira Mesa Remodel / S10006	118	-	1,030,000
Five Points Neighborhood Pedestrian Impr / S00988	509	-	735,000
Florida Drive Median Improvements / S11057	510	-	1,101,617
Harbor Drive Pipelines Replacement / S12028	361	-	10,836,398
Harbor Drive Trunk Sewer Replacement / S00336	362	-	10,829,797
Hillery Drive Improvements / S11064	516	-	2,500,000
Holly Dr. Street Improvements / S11033	517	-	2,075,000
La Jolla Ecological Reserve Area of ASBS / S00607	524	-	2,735,442
La Jolla Shores Lifeguard Station / S00790	128	-	3,652,142
La Jolla Village Drive and Regents Road / S00867	526	-	1,218,778
La Jolla Village Drive-I-805 Ramps / S00857	527	-	23,974,536
Laurel Street Bridge over SR 163 / S00939	529	-	1,220,000
Lindbergh Field 16" CI Main Replacement / S10055	368	-	3,357,779
Manhasset Dr Storm Drain System Upgrade / S11005	532	-	364,470
McKinley Elementary School JU Improvemts / S12001	234	-	179,500
Metro Facilities Control Systems Upgrade / L10000	376	-	3,725,175
Mission Beach Boardwalk Bulkhead / S00726	539	-	4,432,102
Mission Hills Historic Street Lighting / S11008	243	-	367,486
Museum of Man Roof Replacement / S11101	250	-	1,981,020
N Harbor Dr Navy Estuary Seismic Retrofit / S00728	541	-	17,584,481
N Torrey Pines Rd Bridge/ Los Penasquitos / S00935	542	-	14,380,652
N Torrey Pines Roadway/Median Enhance / S00868	543	-	4,747,000
North Ocean Beach Gateway Ph II / S12041	252	-	450,000
North Park/Main St Sidewalk Improvements / S10040	254	-	635,000
Old Mission Dam Preservation / S00611	255	-	1,577,336
PS Upgrades Group 1 North County / S00303	392	-	16,116,827
Pacific Hwy Curb Ramp Barrier Removal / S11045	549	-	450,000
Palisades Park Comfort Station Replace / S10026	261	-	762,712
Poway Road Bicycle Path - Class I / S00943	553	-	2,580,000
Rancho Bernardo CP Sports Field Lights / S11012	265	-	713,104
Rancho Penasquitos Skate Park / S12002	267	-	354,327
Recycled Water System Upgrades / S10010	403	-	2,150,000
SD River Dredging Qualcomm Way to SR163 / S00606	274	-	1,089,000
SDFD Station Alerting / L12002	131	-	3,400,000
San Diego New Central Library / S00799	151	-	187,637,423
San Diego River Improvements / S01012	276	-	158,906
San Diego River Multi-Use Path / S00958	562	-	1,868,868
San Remo Way Storm Drain / S11004	563	-	265,000
San Ysidro Athletic Area/Larsen Fld Lght / S11013	277	-	1,041,300
Saturn Blvd Roadway Improvements / S11028	564	-	861,447
Scripps Ranch Pump Station / S12019	407	-	11,636,730
Sixth Avenue Playground Improvements / S00616	280	-	115,266
Skyline Hills FS Land Acquisition / S00687	132	-	1,615,176

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Solana Ranch Park / S00994	283	-	7,095,000
South Mission Valley Trunk Sewer / S00302	411	-	15,801,938
State Route 15 Bikeway Study / S00731	570	-	1,773,683
Talbot Street Slope Restoration / S00609	575	-	3,672,435
Talmadge Decorative SL Restoration / S00978	290	-	366,800
Talmadge Street Improvements / S00820	292	-	281,357
Talmadge Streetscape & Lighting Zone 1E / S00976	293	-	622,923
Talmadge Streetscape & Lighting Zone 2W / S00977	294	-	54,486
Ted Williams Pkwy Bridge/Shoal Creek Dr / S00941	576	-	4,919,547
Texas St fr Cam Del Rio S to El Caj Blvd / RD13000	577	-	725,560
Tierrasanta - Median Conversion / L14001	296	-	250,000
Torrey Highlands Park Play Area Upgrades / S11020	299	-	940,377
Torrey Pines Improvements Phase I / S00613	579	-	900,000
Torrey Pines Road Slope Restoration / S00877	581	-	3,686,220
Trail for All People / S13001	306	-	511,000
Village Loop Road / S00919	589	-	2,880,000
Webster Neighborhood Identification Sign / S14005	311	-	40,000
Welcome to Rancho Bernardo Signs / S10036	313	-	70,367
Total Warranty		\$ 20,000	\$ 460,039,203

Underfunded

Balboa Branch Library / S00808	141	\$ -	262,289
Beyer Park Development / S00752	181	-	11,888,000
Chollas Community Park / S00654	195	-	30,175,562
Coastal Rail Trail / S00951	497	-	21,467,901
Fire Station No. 54 - Paradise Hills / S00785	124	-	11,095,000
Hidden Trails Neighborhood Park / S00995	222	-	6,736,804
Kensington/Normal Heights Library / S00795	142	-	2,346,530
Kumeyaay Lakes Berm Restoration and Dredg / S00655	227	-	10,000,000
North Park Library / S00798	145	-	14,053,598
Ocean Beach Branch Library / S00806	146	-	8,011,360
Ocean Beach Lifeguard Station / S10121	130	-	4,560,000
Paradise Hills Library / S00810	148	-	8,939,533
Rancho Bernardo Library / S00812	149	-	3,504,700
Riviera Del Sol Neighborhood Park / S00999	271	-	9,029,162
Scripps Miramar Ranch Library / S00811	153	-	1,126,000
Total Underfunded		\$ -	\$ 143,196,438