



## **Five-Year Capital Improvement Plan**

### **Introduction**

The proposed five-year Capital Improvement Plan (CIP) for Fiscal Years 2017-18 through 2021-22 is the County's compilation of significant projects funded by the General Fund in Capital Projects Budget Control 036. This document is updated annually to reflect the changing needs and the fiscal outlook of the County.

The CIP aids the County in its assessment of the best use of County General Funds and provides goals for developing capital assets while maintaining long term financial stability. The assessment is an ongoing process influenced by many changing factors such as service needs, available resources resulting from changes in the economy, Board priorities, legal mandates, age and condition of existing buildings, and health and safety considerations.

The five-year CIP provides information about capital projects requiring County General Fund support in excess of \$150,000 per project. The CIP is not a budget document, but rather a planning tool to be used in conjunction with the budget development process for FY 2017-18 through FY 2021-22 and the County Facilities Master Plan.

### **General Fund**

In FY 2016-17, as of September 30, 2016, appropriations in Capital Projects Budget Control 036, equate to \$53.3 million in projects. The total five-year net project costs for capital projects summarized in this SFP are \$186.8 million, including the Capital Improvement Plan, previously approved Strategic Priorities, and maintenance projects.

These projects (and any subsequently identified) will be evaluated for funding during the FY 2017-18 annual budget process. Project needs and related costs will be evaluated again during the next Strategic Financial Planning cycle which will begin in August 2017.

**2016 Strategic Financial Plan - Capital Improvement Plan  
General Fund Capital Projects - Agency 036**

Description	FY 17-18 Forecast	FY 18-19 Forecast	FY 19-20 Forecast	FY 20-21 Forecast	FY 21-22 Forecast	SFP Total Forecast
<b>Capital Projects</b>						
<b>Appropriations</b>						
Countywide Capital Projects	5,425,423	7,800,944	10,428,137	5,878,388	5,999,499	35,532,391
+ Central Utility Facility	1,746,389	862,224	804,496	-	-	3,413,109
+ County Operations Center	275,232	593,248	2,302,415	-	-	3,170,895
+ Fruit Street Complex	1,570,721	735,269	986,927	149,204	1,212,729	4,654,850
+ Gates Building Roof Replacement	-	84,201	1,084,140	-	-	1,168,341
+ Juvenile Hall	-	220,429	2,066,353	-	-	2,286,782
+ Civic Center Buildings (11, 12, 14)	1,555,107	2,682,230	-	149,204	1,063,025	5,449,566
+ Manchester Office Building	48,434	92,526	-	79,980	608,716	829,656
+ 909 N. Main	65,665	590,941	2,388,564	-	-	3,045,170
+ Other OCPW Projects for various facilities	163,875	1,939,876	795,242	5,500,000	3,115,029	11,514,022
Capital Projects - Health Care Agency	2,800,678	2,866,059	240,114	276,651	-	6,183,502
+ Epidemiology	72,459	232,106				304,565
+ HCA General	58,200					58,200
+ HCA Clinic	1,507,785	2,633,953	179,835			4,321,573
+ HCA Lab	1,162,234		60,279	276,651		1,499,164
Transfers to:	7,316,561	7,480,837	4,384,901	4,128,025	4,342,710	27,653,034
+ Sheriff Deferred Maintenance (Fund 14Q)	3,616,561	3,780,837	2,384,901	2,128,025	2,342,710	14,253,034
+ Probation Capital Projects (Fund 104)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
+ Juvenile Justice Center Debt Service (Fund 105)	1,700,000	1,700,000				3,400,000
Year-Round Emergency Shelter/Service Center	3,607,527	3,607,527	3,607,527	3,607,527	3,607,527	18,037,635
Other Deferred Maint Projects & Contingencies	626,725	2,475,997	214,326	7,710,564	5,395,815	16,423,427
Capital Project Needs Funded by Departments	601,340	3,132,658	776,319	375,496	-	4,885,813
Civic Center Master Plan (CCMP) - Phase I	4,644,177	-	-	1,390,133	10,633,176	16,667,486
Civic Center Master Plan (CCMP) - Phase II		5,000,000	-	1,000,000	350,000	6,350,000
OC Animal Shelter Project OCWR Loan Repayment			15,880,000			15,880,000
Real Estate Development Loan		5,000,000	6,000,000	12,500,000	5,000,000	28,500,000
Facilities Master Plan	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Transfer to Capital Projects Reserves/15D	1,133,376	2,406,759	1,397,412		755,517	5,693,064
<b>Total Appropriations</b>	<b>27,155,807</b>	<b>40,770,781</b>	<b>43,928,736</b>	<b>37,866,784</b>	<b>37,084,244</b>	<b>186,806,352</b>
<b>Revenue Sources</b>						
Department Funding & Other	5,245,517	3,132,658	776,319	6,793,627	8,046,588	23,994,709
HCA Projects (15D)	2,800,678	2,866,059	240,114	276,651	-	6,183,502
OCWR Importation Revenue (279)	1,133,376	7,406,759	7,397,412	6,806,936	6,851,256	29,595,739
Year-Round Emergency Shelter (004 NCC)	3,607,527	3,607,527	3,607,527	3,607,527	3,607,527	18,037,635
<b>Total Revenue</b>	<b>12,787,098</b>	<b>17,013,003</b>	<b>12,021,372</b>	<b>17,484,741</b>	<b>18,505,371</b>	<b>77,811,585</b>
<b>Net County Cost</b>	<b>14,368,709</b>	<b>23,757,778</b>	<b>31,907,364</b>	<b>20,382,043</b>	<b>18,578,873</b>	<b>108,994,767</b>

**Capital Projects Agency 036 NCC Limits** 14,368,709 23,757,778 31,907,364 20,382,043 18,578,873 108,994,767

**Note:** The above SFP information does not commit the County for funding. The funding is committed through the annual budget process and the above information is subject to change at that time.



**Department Funded and Non-General Funds**

This Capital Improvement Plan includes capital improvement needs for the County's balanced funds including: OC Road, OC Flood, OC Parks, OC Waste & Recycling, OC Dana Point Harbor, Newport Bay Tidelands, OC Animal Shelter, and others. These special funds, with the exception of the Animal Shelter Fund, do not require General Fund support. Specific project-level detail is provided beginning on the following page for each fund with capital projects. The five-year Capital Improvement Plan for non-General Funds totals \$749.3 million. Funding for the projects comes from local revenues, as well as State and Federal sources. These projects (and any subsequently identified) will be evaluated for funding during the FY 2017-18 annual budget process.

In addition, County departments that directly fund capital projects within their own budgets (e.g., John Wayne Airport and OC Watershed) are not included in the CIP; and funding for contingencies, debt service payments, and transfers are also excluded.

**Criminal Justice Facilities Fund 104** receives revenue from General Fund Capital Projects, Budget Control 036; Court fines, fees, and penalties revenue; and transfers from General Fund Reserves set-aside for the Probation Department. As of September 30, 2016, the Probation Reserve Balance was \$15.4 million and the projected balance at the end of FY 2021-22 is \$8.1 million. The projections assume a \$4.0 million draw for Probation's new South County facility and a \$3.3 million draw for the Juvenile Hall Gym/Visitation Center Project County match.

**Non-General Fund Capital Project Fund 15D** received one-time revenue from the Health Care Agency (HCA) for various projects at their facilities and one-time revenue for the timing gap of Central Utility Facility (CUF) project cost reimbursements from CUF bond proceeds. As of September 30, 2016, the HCA reserve balance was \$6.2 million and the CUF reserve balance was \$4.6 million. All reserves are allocated for use in the 2016 SFP.

As this plan is further developed, information regarding the background, stage of development, budget status, implementation status, additional funding sources, projected costs and impacts on each General Fund capital project will be included. For the purposes of the SFP, a high level countywide summary of the five-year plan is included.

PROGRAM: **Community Services**  
 Budget Control: **063 Social Services Agency**

FUND: **100**

Capital Project		Unit Number: <b>063P443</b>			PB Req: <b>2763</b>
<b>Air Handler Equipment Replacement</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	362,530	255,750	261,632	0	0
<b>Expense:</b>	362,530	255,750	261,632	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 59.04%	Federal: 34.97%	General	Fund: 5.99%	Other: 0%
<b>Description:</b> Replacement of Air Handler equipment at the Social Services Agency facility located at 800 Eckhoff.					

<b>TOTAL BUDGET CONTROL: 063 Social Services Agency</b>					
<b>BC 063</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Total Funding:</b>	362,530	255,750	261,632	0	0
<b>Total Expense:</b>	362,530	255,750	261,632	0	0
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Community Services**  
 Budget Control: **106 County Tidelands - Newport Bay**

FUND: **106**

Capital Project		Unit Number: <b>1061200</b>			PB Req: <b>3011</b>
<b>Newport Dunes Dredge</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	432,209	0	0	0	0
<b>Reserves:</b>	3,367,791	0	0	0	0
<b>Expense:</b>	3,800,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> Remove buildup of silt in Newport Dunes Marina. Last dredge of the Dunes Marina was in FY 2009-10. Dredging this marina ensures safe navigation for the boating public in the Newport Dunes Marina.					

<b>TOTAL BUDGET CONTROL: 106 County Tidelands - Newport Bay</b>					
<b>BC 106</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Total Funding:</b>	3,800,000	0	0	0	0
<b>Total Expense:</b>	3,800,000	0	0	0	0
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Community Services**  
 Budget Control: **16D OC Animal Shelter Fund**

FUND: **16D**

Capital Project		Unit Number: <b>16DP413</b>			PB Req: <b>2797</b>
<b>OC Animal Care Center</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	5,000,000	0	0	0	0
<b>Expense:</b>	5,000,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> Fund 16D was established in FY 2015-16 to record appropriations and expenditures for design and construction of a new, state-of-the-art animal shelter, to be located in the city of Tustin. The new shelter, which is expected to open in FY 2017-18, will replace the County's existing shelter in the City of Orange. The new shelter will service fourteen contract cities, plus all unincorporated areas of the County.					

<b>TOTAL BUDGET CONTROL: 16D OC Animal Shelter Fund</b>					
<b>BC 16D</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Total Funding:</b>	5,000,000	0	0	0	0
<b>Total Expense:</b>	5,000,000	0	0	0	0
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Community Services**  
 Budget Control: **406 OC Parks Capital**

FUND: **406**

Capital Project		Unit Number: <b>406P901</b>			PB Req: <b>2975</b>
<b>Santa Ana River Parkway Engineer's Report</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	7,500,000	0	0	0
<b>Expense:</b>	0	7,500,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Proposition 84 previously allocated \$500,000 funding to OC Parks to prepare an Engineer's Report to improve the alignment of the Santa Ana River Trail (Phase I) and \$2,000,000 to prepare environmental documentation and construction plans to extend the Trail between Gypsum Canyon Road and the County Boundary (Phase II). OC Public Works/Flood staff expect to construct the extension of the Santa Ana River Trail for \$7,500,000 in FY 2018-19 using additional Proposition 84 funding.					

Capital Project		Unit Number: <b>406P717</b>			PB Req: <b>2976</b>
<b>Salt Creek Revetment Rehabilitation</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	3,500,000	0	0	0	0
<b>Expense:</b>	3,500,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The proposed project is to rehabilitate the Niguel Shores riprap revetment structure. The existing revetment provides insufficient coverage and protection of the back slope and is constructed of undersized armor stone. In addition, the existing revetment has an over-steepened or flattened revetment slope, an inadequate crest elevation, and a toe depth that is too shallow. The proposed project would rehabilitate the existing Niguel Shores revetment along 1,360 linear feet of shoreline. The rehabilitation would replace the existing inadequately sized stone with larger stone and would extend the top and toe of the revetment higher and deeper, respectively, to protect the bluff from damage related to storm wave uprush.					

Capital Project		Unit Number: <b>406P956</b>			PB Req: <b>2977</b>	
<b>O'Neill Maintenance Yard Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	300,000	2,500,000	0	0	0	
<b>Expense:</b>	300,000	2,500,000	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b>						
<p>The existing maintenance yard buildings at O'Neill Regional Park were built in the 1960's and have reached the end of their useful life. Existing structures are too small, and not efficient for current and future maintenance operations. This project replaces current maintenance yard buildings and maintenance bays with new structures that are energy efficient and meet current codes and needs of operations staff serving the Saddleback Operations Area. This project will create a new O'Neill Regional Park's maintenance yard facility that is a safer, more functional, more aesthetically pleasing work environment and correct non-compliant building code issues. By utilizing "green" construction and products, it will reduce waste and energy consumption. A potential for placing utilities underground will reduce visual impact and hazards. Consolidation of storage will reduce the impact of building footprints. The primary objective is to create an efficient hub for the Saddleback Operations Group (22 employees) to function optimally and work from a facility that meets current building codes. The project will be modeled after the Maintenance yard replacement at Irvine Regional Park.</p>						

Capital Project		Unit Number: <b>406P979</b>			PB Req: <b>2978</b>	
<b>OC Bike Loop - Segment D Carbon Creek</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	1,200,000	563,000	6,900,000	0	0	
<b>Expense:</b>	1,200,000	563,000	6,900,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 98%	Federal: 0%	General	Fund: 0%	Other: 2%	
<b>Description:</b>						
<p>The proposed project will construct a 0.5 mile Class I bikeway on the Carbon Canyon Creek Channel and a crossing at Bastanchury Road. This segment combines two study segments, following along the Carbon Creek Channel and crossing Bastanchury Road to connect to the Yorba Linda Recreational Bikeway and Trail, completing the Union Pacific RR Bikeway alignment. This proposed project is a necessary link to complete the greater 66 mile OC Loop project that will connect multiple corridors into one continuous loop throughout the northern Orange County area.</p>						



Capital Project		Unit Number: <b>406P980</b>			PB Req: <b>2979</b>	
<b>OC Bike Loop - Segments F &amp; H El Cajon Bikeway</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	434,000	2,400,000	0	0	0	
<b>Expense:</b>	434,000	2,400,000	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b>						
<p>The proposed project will complete two gaps in the El Cajon Bikeway portion of the OC Loop that is intended to serve as a 66 mile continuous bicycle facility throughout northern Orange County. The El Cajon Bikeway portion is located mostly in the City of Yorba Linda, with portions in the County of Orange and City of Anaheim. Most of this bikeway exists and is built to high standards. There are two specific gaps within this segment that will be addressed, gap segment F (0.9 miles) and gap segment H (1.2 miles). The proposed project is a necessary link to complete the greater OC Loop project that will connect multiple corridors into one continuous loop throughout the northern Orange County area.</p>						

Capital Project		Unit Number: <b>406P981</b>			PB Req: <b>2980</b>	
<b>OC Bike Loop - Segments O, P &amp; Q (Coyote Creek)</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	2,346,000	4,300,000	0	
<b>Expense:</b>	0	0	2,346,000	4,300,000	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b>						
<p>This is a Class I Bikeway along Coyote Creek (Channel Station 512+62 to 615+37) for those portions of the OC Bike Loop within Los Angeles County. This will close three bikeway crossings and gaps (Imperial Highway, Golden Ave, and Bastanchury Rd.) and six bikeway gaps (along Grandview Ave, Mountain Ave., Kellogg Dr., Arroyo Cajon Dr., Fairlynn Blvd., and Fairmont Blvd.) in effort to complete the 66 mile Loop. This also includes processing a Use Agreement, Flood Permit applications, Best Management Practices (BMPs), Construction Plans, As-Builts, and Right of Way Maps for these portions of the Loop.</p>						

Capital Project		Unit Number: <b>406P982</b>			PB Req: <b>2981</b>	
<b>Trails &amp; Bikeways Active Transportation</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	
<b>Expense:</b>	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 8%	Federal: 0%	General	Fund: 0%	Other: 92%	
<b>Description:</b> Funding is allocated up to \$2.5 million per fiscal year to assist with financing bikeway and trail projects identified in the seven-year County Active Transportation Capital Improvement Program.						

Capital Project		Unit Number: <b>406P983</b>			PB Req: <b>2982</b>	
<b>Newport Bay - Replace Bay View Bridge</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	1,500,000	0	0	0	0	
<b>Expense:</b>	1,500,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> The Bay View pedestrian and bicycle bridge is located adjacent to the Upper Newport Bay Nature Preserve and over the Santa Ana-Delhi Flood Control Channel. A series of storm events over the last decade have damaged and eroded portions of the channel embankment beneath the bridge. The erosion resulted in loss of soil and rip-rap protecting the bridge's footings and compromising the bridge's safety. A new, wider 120' span bridge is required to provide a safe trail crossing.						

Capital Project		Unit Number: <b>406P984</b>			PB Req: <b>2983</b>	
<b>Black Star Park Staging &amp; Trail Upgrade</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	500,000	0	0	1,500,000	800,000	
<b>Expense:</b>	500,000	0	0	1,500,000	800,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> Black Star Canyon is the one management unit of the Irvine Ranch Open Space expected to eventually support increased public access, similar to a Wilderness Park facility. This project is to explore options for moving forward with the development of Black Star Canyon Wilderness Park. The progress being made in planning efforts for the adjacent Silverado Library present opportunities to update the existing Interim Operations Plan for the Black Star area. This may include short-term improvements to the existing parking and staging area at Black Star Canyon. Considerations may also extend towards more long-term planning of additional concepts for Black Star through a General Development Plan process.						

Capital Project		Unit Number: <b>406P985</b>			PB Req: <b>2984</b>
<b>Aliso Beach Seawall &amp; Shore Improvements</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	250,000	0	0	0	1,000,000
<b>Expense:</b>	250,000	0	0	0	1,000,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> Coastal storms over the last several years have damaged the existing seawall, public walkways and parking areas along the shoreline edge of Aliso Beach Park. This project involves design, permitting and construction of seawall and public access improvements to protect the parking area, restroom/concession building and other public use spaces at the beach park.					

Capital Project		Unit Number: <b>406P986</b>			PB Req: <b>2986</b>
<b>Capistrano Beach Seawall &amp; Shore Improvements</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	250,000	0	0	0	1,000,000
<b>Expense:</b>	250,000	0	0	0	1,000,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> Ongoing shoreline erosion problems at Capistrano County Beach Park have caused loss of sidewalk and continue to threaten the remaining sidewalk and parking lot. This project involves proposed improvements to protect existing facilities and/or relocate facilities out of current and future wave uprush zones.					

Capital Project		Unit Number: <b>406P993</b>			PB Req: <b>2987</b>
<b>Talbert Park Enhancements</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	750,000	1,000,000	0	0	0
<b>Expense:</b>	750,000	1,000,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> A General Development/Resource Management Plan (GDP/RMP) for Talbert Regional Park is targeted for completion in FY 2017-18. This project will implement improvements that are likely to be included the GDP/RMP such as targeted removal of invasive plants, native habitat restoration, enhancement of Victoria Pond wetlands habitat, and public access and recreation related improvements.					

Capital Project		Unit Number: <b>406PZ01</b>			PB Req: <b>2988</b>	
<b>Cooper Center Site Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	800,000	0	500,000	0	0	
<b>Expense:</b>	800,000	0	500,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%		
<b>Description:</b> Existing buildings at the Cooper Center site at 1119 E. Chestnut are in need of repairs and updates. The fire alarm system is obsolete and in need of replacement. The existing "Yellow" warehouse may need replacement/upgrade. The outdoor parking and storage areas need to be upgraded to meet National Pollutant Discharge Elimination System (NPDES) compliance. The Cooper Center Lab needs additional storage space for the County's Archaeological and Paleontological Collection.						

Capital Project		Unit Number: <b>406PZ02</b>			PB Req: <b>2990</b>	
<b>OC Zoo Oak Woodland Exhibit</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	1,700,000	0	
<b>Expense:</b>	0	0	0	1,700,000	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General Fund: 0%	Other: 0%		
<b>Description:</b> This project will create a new Oak Woodland Exhibit in the current non-public back area of the zoo. This exhibit space is part of the improvements identified in the Board approved OC Zoo General Development Plan. Currently the back area of the zoo is used as a storage area; it has a mature stand of oak trees and open area, and is not open to the public. The walkways throughout the zoo are narrow and have dead end routes, causing overcrowding and preventing visitors from easily and comfortably strolling through the exhibits on high volume days. Installation of a new Oak Woodlands Exhibit will nearly double the amount of exhibit space at the zoo, improve walkways and strengthen the connection to Irvine Regional Park making it safer and more enjoyable for OC Zoo visitors.						

Capital Project		Unit Number: <b>406PZ03</b>			PB Req: <b>2991</b>	
<b>OC Zoo Entry Complex</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	3,870,000	0	
<b>Expense:</b>	0	0	0	3,870,000	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Currently, the entrance of the OC Zoo is also the exit, which causes a pedestrian circulation bottleneck. Implementing a new Entry Complex would improve visitor convenience and enhance zoo operations related to pedestrian circulation at the zoo's entry and exit.						

Capital Project		Unit Number: <b>406PZ05</b>			PB Req: <b>2992</b>	
<b>Irvine Ranch Open Space Trailhead Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	500,000	500,000	500,000	500,000	0	
<b>Expense:</b>	500,000	500,000	500,000	500,000	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> This funding will be used to upgrade trailhead/staging areas that provide public access to the Irvine Ranch Open Space. Improvements include: permeable parking area surfacing; gates and fencing; interpretive, regulatory and wayfinding signage; ADA accessibility enhancements; and trail work.						

Capital Project		Unit Number: <b>406PZ06</b>			PB Req: <b>2993</b>	
<b>Peters Canyon Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	500,000	500,000	500,000	500,000	0	
<b>Expense:</b>	500,000	500,000	500,000	500,000	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> Since its public opening in 1992, Peters Canyon Park has been operating under an Interim Operations Plan with limited amenities and visitor serving infrastructure. A general development plan (GDP) is targeted to be complete in FY 2016-17. The GDP includes new park amenities such as a boardwalk, trail improvements, rest areas, trail bridges, trail pull outs, benches, habitat restoration, parking improvement and signage.						

Capital Project		Unit Number: <b>406PZ04</b>			PB Req: <b>2998</b>
<b>OC Zoo Discovery Complex</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	2,600,000	0	0
<b>Expense:</b>	0	0	2,600,000	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b>					
The Discovery Complex will offer greater animal interaction, education, and activities to expand existing zoo programs. It will occupy the same space that the Children’s Zoo currently does, but will have new elements added to inspire and educate children, while capturing their imagination. Discovery Complex improvements include a new, two-story, 6,000 square foot barn with exhibits on the first floor and an option for second floor for exhibits with interactive learning and activities space; themed-hand washing station (water tower or trough); demonstration station; special feature exhibits, as well as other facilities such as animal paddocks, holding area, and night houses.					

<b>TOTAL BUDGET CONTROL: 406 OC Parks Capital</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>BC 406</b>					
<b>Total Funding:</b>	12,984,000	17,463,000	15,846,000	14,870,000	5,300,000
<b>Total Expense:</b>	12,984,000	17,463,000	15,846,000	14,870,000	5,300,000
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Infrastructure & Environmental**  
 Budget Control: **108 OC Dana Point Harbor**

FUND: **108**

Capital Project		Unit Number: <b>108PZ02</b>			PB Req: <b>3035</b>
<b>Refurbish OC Sailing &amp; Events Center</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Expense:</b>	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The Orange County Sailing and Events Center is in need of an upgrade. Approximately \$6 million will be dedicated over the next five years to bring the event center up-to-date and ensure accessibility.					

<b>TOTAL BUDGET CONTROL: 108 OC Dana Point Harbor</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>BC 108</b>					
<b>Total Funding:</b>	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Total Expense:</b>	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Infrastructure & Environmental**  
 Budget Control: **115 OC Road**

FUND: **115**

Capital Project		Unit Number: <b>115PR04</b>			PB Req: <b>2915</b>
<b>Traffic Signal Upgrades - Various Locations</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	400,000	400,000	400,000	400,000	400,000
<b>Expense:</b>	400,000	400,000	400,000	400,000	400,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Remove and replace existing traffic signal hardware, detection and appurtenances to meet current standards at various locations.					

Capital Project		Unit Number: <b>115PZ01</b>			PB Req: <b>2838</b>
<b>Brea Blvd and Canyon Country Rd Intersection Improvements</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	129,000	3,054,000	0	0	0
<b>Expense:</b>	129,000	3,054,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Intersection improvements at Brea Blvd. and Canyon Country Road intersection.					

Capital Project		Unit Number: <b>115PR97</b>			PB Req: <b>2908</b>
<b>Silverado Canyon Rd Bridge 55C-0175 Replacement</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	145,000	1,435,800	70,000	500,000	50,000
<b>Expense:</b>	145,000	1,435,800	70,000	500,000	50,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 90%	Federal: 10%	General	Fund: 0%	Other: 0%
<b>Description:</b> Replace the existing bridge which is structurally deficient according to a CALTRANS bridge inspection report.					



Capital Project		Unit Number: <b>115PR99</b>			PB Req: <b>2909</b>	
<b>Southwest Anaheim Sidewalk Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	30,000	30,000	2,663,000	0	0	
<b>Expense:</b>	30,000	30,000	2,663,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 2%	Federal: 98%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Construct gap closure sidewalk in the unincorporated area bordered by Gilbert Street/Brookhurst Street and Orange Avenue/Ball Road to match the existing sidewalks in the City of Anaheim.						

Capital Project		Unit Number: <b>115PR05</b>			PB Req: <b>2911</b>	
<b>Surfside Inn Pedestrian Overcrossing Phase II</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	680,000	130,000	90,000	5,790,000	0	
<b>Expense:</b>	680,000	130,000	90,000	5,790,000	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 19%	Federal: 81%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Construct a new bridge with elevators and stairs, and remove the old bridge over the railroad. Ownership will revert to the City of Dana Point.						

Capital Project		Unit Number: <b>115PZ07</b>			PB Req: <b>2912</b>	
<b>Trabuco Canyon Bridge Replacement 55C-008</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	450,000	0	5,800,000	0	0	
<b>Expense:</b>	450,000	0	5,800,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 93%	Federal: 7%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Removal and replacement of the structurally deficient bridge. Replace the existing 2-lane bridge with a new 2-lane bridge on a raised roadway profile to mitigate water over-topping the deck during storm events and to allow fish to migrate upstream.						

Capital Project		Unit Number: <b>115PR02</b>			PB Req: <b>2913</b>	
<b>Trabuco Creek Road Stabilization</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	380,000	54,000	2,054,000	50,000	50,000	
<b>Expense:</b>	380,000	54,000	2,054,000	50,000	50,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Environmentally friendly reconstruction of existing dirt roadway with level 3 gravel surface and dust control additive.						

Capital Project		Unit Number: <b>115LZ07</b>			PB Req: <b>2914</b>	
<b>Silverado Canyon Rd Bridge 55C-0174 Replacement</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	30,000	0	0	0	0	
<b>Expense:</b>	30,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Replace the Silverado Canyon Road Bridge over Silverado Creek (Bridge No. 55C-0174) and reconstruct roadway approach at each end of the bridge.						

Capital Project		Unit Number: <b>115LZ08</b>			PB Req: <b>2916</b>	
<b>Silverado Canyon Rd Bridge 55C-0177 Replacement</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	30,000	0	0	0	0	
<b>Expense:</b>	30,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 100%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Replace the Silverado Canyon Road Bridge (Bridge No. 55C-0177) and reconstruct roadway approach at each end of the bridge.						

Capital Project		Unit Number: <b>115PZ02</b>			PB Req: <b>2852</b>
<b>Brea Cyn Rd @ Tonner Cyn Rd</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	129,000	3,054,000	0	0	0
<b>Expense:</b>	129,000	3,054,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Widen the road to its Master Plan of Arterial Highways (MPAH) classification as a Primary roadway.					

Capital Project		Unit Number: <b>115PR96</b>			PB Req: <b>2905</b>
<b>Silverado Canyon Rd Bridge 55C-0174 Replacement</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	375,000	1,536,400	50,000	400,000	100,000
<b>Expense:</b>	375,000	1,536,400	50,000	400,000	100,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 83%	Federal: 17%	General	Fund: 0%	Other: 0%
<b>Description:</b> Replace the Silverado Canyon Road Bridge over Silverado Creek (Bridge No. 55C-0174) and reconstruct roadway approach at each end of the bridge.					

Capital Project		Unit Number: <b>115PR98</b>			PB Req: <b>2907</b>
<b>Silverado Canyon Rd Bridge 55C-0177 Replacement</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	125,000	1,487,600	50,000	500,000	50,000
<b>Expense:</b>	125,000	1,487,600	50,000	500,000	50,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 92%	Federal: 8%	General	Fund: 0%	Other: 0%
<b>Description:</b> Replace the Silverado Canyon Road Bridge (Bridge No. 55C-0177) and reconstruct roadway approach at each end of the bridge.					

Capital Project		Unit Number: <b>115PR79</b>			PB Req: <b>2850</b>
<b>Brea Boulevard/Brea Canyon Road</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	600,000	4,580,000	500,000	20,750,000
<b>Expense:</b>	0	600,000	4,580,000	500,000	20,750,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 19%	Federal: 0%	General	Fund: 0%	Other: 81%
<b>Description:</b> Widen the existing rural 2-lane roadway to a 4-lane modified Primary arterial highway per its Master Plan of Arterial Highways (MPAH) classification.					

Capital Project		Unit Number: <b>115PZ03</b>			PB Req: <b>2866</b>
<b>Newland St Pavement Rehabilitation, Bolsa Ave to Hazard</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	10,000	0	1,200,000	0
<b>Expense:</b>	0	10,000	0	1,200,000	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Pavement rehabilitation including full depth replacement of failed areas.					

Capital Project		Unit Number: <b>115PR73</b>			PB Req: <b>2869</b>
<b>Modjeska Grade Rd &amp; Drainage Improvement Segment 1</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	30,000	35,100	135,100	1,335,100	10,000
<b>Expense:</b>	30,000	35,100	135,100	1,335,100	10,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Reconstruct the asphalt concrete pavement for the entire length of the project. Install new storm drain system consisting of a combination of cast-in-place box culvert and various-sided storm drains.					

Capital Project		Unit Number: <b>115LZ01</b>			PB Req: <b>2870</b>	
<b>Brea Blvd &amp; Canyon Country Rd Intersection Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	100,000	0	0	0	0	
<b>Expense:</b>	100,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Intersection improvements at Brea Blvd. and Canyon Country Road intersection.						

Capital Project		Unit Number: <b>115LZ02</b>			PB Req: <b>2873</b>	
<b>Brea Boulevard/Brea Canyon Rd, Canyondale Dr to LA Limit</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	1,000,000	1,000,000	
<b>Expense:</b>	0	0	0	1,000,000	1,000,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 50%	Federal: 0%	General	Fund: 0%	Other: 50%	
<b>Description:</b> Widen the existing rural 2-lane roadway to a 4-lane modified Primary arterial highway per its Master Plan of Arterial Highways (MPAH) classification.						

Capital Project		Unit Number: <b>115LZ03</b>			PB Req: <b>2875</b>	
<b>Brea Canyon Rd @ Tonner Canyon Rd</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	100,000	0	0	0	0	
<b>Expense:</b>	100,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Widen the road to its Master Plan of Arterial Highways (MPAH) classification as a Primary roadway.						

Capital Project		Unit Number: <b>115PR50</b>			PB Req: <b>2856</b>
<b>La Pata Avenue Gap Closure/ Widening, Phases I &amp; II</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	6,887,871	185,000	25,000	25,000	10,000
<b>Expense:</b>	6,887,871	185,000	25,000	25,000	10,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 1%	Federal: 0%	General	Fund: 0%	Other: 99%
<b>Description:</b> Extend a 4.1-mile segment of La Pata to provide relief to existing and future congestion on Ortega Highway and improve inter-jurisdictional circulation for existing and future development in the South County/San Clemente area.					

Capital Project		Unit Number: <b>115PR65</b>			PB Req: <b>2858</b>
<b>La Pata Avenue Off-site Mitigation</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	450,000	305,000	200,000	200,000	200,000
<b>Expense:</b>	450,000	305,000	200,000	200,000	200,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Arundo removal and native plant re-establishment and maintenance program at Arroyo Trabuco within O'Neil Regional Park includes removal of large amounts of invasive arundo from the streambed.					

Capital Project		Unit Number: <b>115PR11</b>			PB Req: <b>2860</b>
<b>Laguna Canyon Road - Segment 4, Phases II to IV</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	25,000	2,216,500	583,000	4,499,833	4,499,833
<b>Expense:</b>	25,000	2,216,500	583,000	4,499,833	4,499,833
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Mitigation associated with the Laguna Canyon Road Seg 4 (Phases 2-4). It is expected that the mitigation will be 2 acres and will take place in Laguna Coast Wilderness Park.					

Capital Project		Unit Number: <b>115PR91</b>			PB Req: <b>2861</b>
<b>Modjeska Canyon Rd Bridge Replacement 55C-172</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	75,000	1,192,000	70,000	20,000	10,000
<b>Expense:</b>	75,000	1,192,000	70,000	20,000	10,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 89%	Federal: 11%	General	Fund: 0%	Other: 0%
<b>Description:</b> Replace the existing bridge which is functionally obsolete according to a CALTRANS bridge inspection report.					

Capital Project		Unit Number: <b>115LZ04</b>			PB Req: <b>2876</b>
<b>El Toro Rd Widening, Glenn Ranch Rd to Live Oak Canyon Rd</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	225,000
<b>Expense:</b>	0	0	0	0	225,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> This portion of El Toro Road is a two-lane road that needs to be widened to a four-lane divided highway.					

Capital Project		Unit Number: <b>115PZ04</b>			PB Req: <b>2877</b>
<b>Oso Bridge Over SR-241</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	2,000,000	0	0	0	0
<b>Expense:</b>	2,000,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> Complete a gap in the mainline roadway between the southern terminus of State Route 241 (SR-241) toll road and the northern terminus of Los Patrones Parkway (also known as F Street), a total distance of 5,000 feet and construct an overcrossing bridge structure at Oso Parkway.					

Capital Project		Unit Number: <b>115LZ05</b>			PB Req: <b>2878</b>	
<b>Foothill, Old Foothill, Fairhaven, Hewes Sidewalk Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	26,500	0	0	
<b>Expense:</b>	0	0	26,500	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Construct curb and gutter, curb ramps, and sidewalk. The existing edge line striping will be removed and replaced with parking and bike lanes on Foothill Blvd and portions of Hewes Ave. Bike lanes will be installed on Fairhaven & Fowler Avenue.						

Capital Project		Unit Number: <b>115LR15</b>			PB Req: <b>2882</b>	
<b>Meads &amp; Amapola Avenue Bridges at Handy Creek</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	30,000	70,000	
<b>Expense:</b>	0	0	0	30,000	70,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Replacement of the culvert crossing with a larger culvert for drainage improvements.						

Capital Project		Unit Number: <b>115PZ05</b>			PB Req: <b>2883</b>	
<b>Santiago Canyon Road Passing Lanes</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	60,000	925,050	141,750	
<b>Expense:</b>	0	0	60,000	925,050	141,750	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 87%	Federal: 0%	General	Fund: 0%	Other: 13%	
<b>Description:</b> Construct a 1-mile passing lane on each side of the road within the identified limits.						



Capital Project		Unit Number: <b>115LZ06</b>			PB Req: <b>2884</b>	
<b>Modjeska Canyon Rd Bridge Replace Over Santiago Creek</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	200,000	0	0	0	0	
<b>Expense:</b>	200,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Replace the existing bridge which is functionally obsolete according to CALTRANS bridge inspection report.						

Capital Project		Unit Number: <b>115PR69</b>			PB Req: <b>2888</b>	
<b>Santiago Canyon Road Safety Roadway Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	25,000	2,158,600	0	0	0	
<b>Expense:</b>	25,000	2,158,600	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 20%	Federal: 80%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Construct center-line rumble strips, remove shield roadside fixed objects, upgrade end treatment of roadside barriers, all regulatory and curb warning signing, roadside delineation, roadside drainage, stabilized slopes, and identify utility and right of way needs.						

Capital Project		Unit Number: <b>115LR17</b>			PB Req: <b>2894</b>	
<b>Modjeska Grade Rd &amp; Drainage Improvement Segment 1</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	300,000	0	0	
<b>Expense:</b>	0	0	300,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Reconstruct the asphalt concrete pavement for the entire length of the project. Install new storm drain system consisting of combination of a cast-in-place box culvert and various-sided storm drains.						

Capital Project		Unit Number: <b>115L000</b>			PB Req: <b>2900</b>
<b>Undesignated Land</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	500,000	500,000	500,000	500,000	500,000
<b>Expense:</b>	500,000	500,000	500,000	500,000	500,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Funds budgeted for unforeseen and undesignated capital project right-of-way acquisitions.					

Capital Project		Unit Number: <b>115PZ06</b>			PB Req: <b>2902</b>
<b>Esperanza Rd Drainage &amp; Rehabilitation Improvements</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	10,000	0	1,700,000	0
<b>Expense:</b>	0	10,000	0	1,700,000	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%
<b>Description:</b> Construct curb and gutter along with asphalt concrete pavement and storm drain improvements.					

Capital Project		Unit Number: <b>115LZ09</b>			PB Req: <b>2917</b>
<b>Silverado Canyon Rd Bridge 55C-0175 Replacement, Over Ladd Canyon</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	30,000	0	0	0	0
<b>Expense:</b>	30,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 100%	General	Fund: 0%	Other: 0%
<b>Description:</b> Replace the existing bridge which is structurally deficient according to a CALTRANS bridge inspection report.					

Capital Project		Unit Number: <b>115LZ10</b>			PB Req: <b>2918</b>	
<b>Southwest Anaheim Sidewalk Improvements</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	760,500	84,500	0	0	
<b>Expense:</b>	0	760,500	84,500	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Construct gap closure sidewalk in unincorporated area bordered by Gilbert Street/Brookhurst Street and Orange Avenue/Ball Road to match the existing sidewalks in the City of Anaheim.						

Capital Project		Unit Number: <b>115LZ11</b>			PB Req: <b>2920</b>	
<b>Surfside Pedestrian Overcrossing Phase II, Over Coast Highway</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	200,000	0	0	
<b>Expense:</b>	0	0	200,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 100%	Federal: 0%	General	Fund: 0%	Other: 0%	
<b>Description:</b> Construct new bridge with elevators and stairs, and remove the old bridge over the railroad. Ownership will revert to the City of Dana Point.						

<b>TOTAL BUDGET CONTROL: 115 OC Road</b>						
<b>BC 115</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Total Funding:</b>	13,325,871	19,154,500	17,941,100	19,574,983	28,066,583	
<b>Total Expense:</b>	13,325,871	19,154,500	17,941,100	19,574,983	28,066,583	
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Infrastructure & Environmental**  
 Budget Control: **273 OCWR Capital Project Fund**

FUND: **273**

Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2836</b>
<b>FRB Phase VIIIA Landslide Remediation and Liner</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	2,000,000	10,772,600
<b>Reserves:</b>	0	0	0	0	4,727,400
<b>Expense:</b>	0	0	0	2,000,000	15,500,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The development of the Frank R. Bowerman Phase VIII-A Disposal Unit provides approximately 56.4 million cubic yards of capacity. The project will include the construction of a protective liner, road and facility improvements, and installation of systems for leachate collection, landfill gas collection and facility drainage control.					

Capital Project		Unit Number: <b>273P720</b>			PB Req: <b>2798</b>
<b>Interior Road Improvements</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	500,000	0	0	500,000
<b>Expense:</b>	0	500,000	0	0	500,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The Olinda Alpha Landfill Interior Road Improvements will include periodic pavement rehabilitation of the main access road and service roads, as well as planned reconstruction of the main access road.					

Capital Project		Unit Number: <b>273P729</b>			PB Req: <b>2800</b>	
<b>FRB PHASE VIII B-2 Buttress and Liner Construction</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	20,000,000	0	0	0	0	
<b>Expense:</b>	20,000,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> The Frank R. Bowerman Landfill Phase VIII B-2 Buttress and Liner project consists of a compacted soil stabilization buttress in the Phase VIII B-2 area; work slope drainage and erosion control measures; a sub-drain system; composite liner system; leachate collection and recovery system; and a side slope liner consisting of a Geosynthetic Clay Liner overlaid by a high-density polyethylene geomembrane liner. The project will also include an allocation for potential landslide remediation as a time and material allowance bid item.						

Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2837</b>	
<b>OAL Front Slope Improvement Project - Phase 2</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	0	0	
<b>Reserves:</b>	12,900,000	0	0	0	0	
<b>Expense:</b>	12,900,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> The upper half of the front face slope of the Olinda Alpha Landfill will be closed with a permanent evapotranspirative cap that will include modifications to the landfill gas system, installation of water line improvements, road improvements, channel reconstruction, landscaping, stockpile relocation, and basin construction.						

Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2840</b>
<b>FRB Crew Quarters Construction Project</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	1,800,000	0	0	0	0
<b>Expense:</b>	1,800,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The construction of the new Crew Quarters and Storage Facility project at the Frank R. Bowerman Landfill includes the purchase and installation of a new modular building used for crew's quarters, construction of a concrete pad and utilities to be used as a foundation for a management office trailer and pre-engineered storage facility. In addition, this project includes a parking lot, and site improvements.					

Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2841</b>
<b>Prima Zone 4 Wetlands Development</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	2,500,000	0	0	0	0
<b>Expense:</b>	2,500,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The Prima Deshecha Zone 4 Wetlands development project calls for the construction of approximately 1.8 acres of wetland habitat to compensate for the removal of 0.36 acres of wetlands within the future Zone 4 disposal area at the Prima Deshecha Landfill. Mitigation of the impacted wetlands is a regulatory requirement of the US Army Corps of Engineers and Regional Water Quality Control Board to ensure there is no net loss of habitat. Construction of the wetlands will take place onsite within the Prima Deshecha Landfill or offsite within the OC Park system.					

Capital Project		Unit Number: <b>273P756</b>			PB Req: <b>2842</b>	
<b>FRB Wetlands Basin II</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	240,000	2,700,000	0	0	
<b>Expense:</b>	0	240,000	2,700,000	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> The Frank R. Bowerman Wetlands Basin II project is designed to perform a dual task of storm water management and biological mitigation due to impacts to the wetlands on the east flank landslide. This project is comprised of a concrete desilting basin that drains into an earthen basin. The proposed concrete desilting basin would manage storm water run-off from the eastern portions of FRB, including the East Flank Landslide and Phase 8C areas. Run-off from the concrete basin would then drain into the earthen basin.						

Capital Project		Unit Number: <b>273P731</b>			PB Req: <b>2829</b>	
<b>Prima Zone 4 Phase A Main Gas Line</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	160,000	2,000,000	
<b>Expense:</b>	0	0	0	160,000	2,000,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> The Prima Deshecha Landfill Zone 4 Main Gas Line project consists of installing a new landfill gas header system in Zone 4. Zone 4 is a new fill area to be developed in the next few years. Construction of the main header gas line is needed to meet Federal, State and Regional Regulatory agencies' mandates.						

Capital Project		Unit Number: <b>273P732</b>			PB Req: <b>2830</b>	
<b>Prima Zone 4 Phase A Mass Excavation</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	700,000	17,500,000	
<b>Expense:</b>	0	0	0	700,000	17,500,000	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b> Zone 4 Phase A Mass Excavation and Groundwater Protection Composite Liner at the Prima Deshecha Landfill will be the first cell expansion in the Zone 4 area of the landfill. The project includes earth work, composite liner placement, and associated infrastructure improvements.						

Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2834</b>
<b>Prima Zone 1 Phase D Masss Excavation and Liner</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	9,850,781	0	0	0	0
<b>Reserves:</b>	4,149,219	0	0	0	0
<b>Expense:</b>	14,000,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> Zone 1 Phase D Mass Excavation and Groundwater Protection Composite Liner at Prima Deshecha Landfill will be the final cell expansion in the Zone 1 area of Prima. The project includes earth work, composite liner placement, and associated infrastructure improvements over approximately 47 acres of natural area.					

Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2843</b>
<b>Prima View Shed Phase IV</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	5,000,000	0	0	0	0
<b>Expense:</b>	5,000,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The View Shed Phase IV project at the Prima Deshecha Landfill is needed to camouflage the working areas of the landfill from the newly constructed La Pata Road, which now runs through the landfill. The view shed will cover and disguise landfill operations and improve visual aesthetics within the surrounding community.					

Capital Project		Unit Number: <b>273P762</b>			PB Req: <b>2847</b>
<b>Coyote Canyon Landfill Gas Site Edison Repower</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	800,000	750,000	0	0	0
<b>Expense:</b>	800,000	750,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> The Coyote Canyon Landfill Gas Site Edison Repower project is needed to install a new Southern California Edison power supply and meter at the Coyote Canyon Landfill gas site. The power requirement is to replace the existing 66kv interconnect overhead power supply left in place after the demolition of the Gas to Electricity generation facility.					



Capital Project		Unit Number: <b>2732005</b>			PB Req: <b>2849</b>
<b>FRB VIII B Access Road Construction</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
Revenue:	0	0	0	1,987,200	0
Reserves:	0	0	0	1,012,800	0
Expense:	0	0	0	3,000,000	0
Balance:	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund:	0%	Other: 100%
<b>Description:</b> The Frank R. Bowerman Landfill Phase VIII B Access Road project will provide road improvements and paving to ensure safe access for landfill operations. The project consists of the construction of the roadway and improvements to serve the heavy traffic conditions at the landfill.					

<b>TOTAL BUDGET CONTROL: 273 OCWR Capital Project Fund</b>					
<b>BC 273</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Total Funding:</b>	57,000,000	1,490,000	2,700,000	5,860,000	35,500,000
<b>Total Expense:</b>	57,000,000	1,490,000	2,700,000	5,860,000	35,500,000
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: **Infrastructure & Environmental**  
 Budget Control: **400 OC Flood**

FUND: **400**

Capital Project		Unit Number: <b>400PZ01</b>			PB Req: <b>2872</b>
<b>Carbon Creek Channel, Western to Dale St.</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	530,000	550,000	24,324,000	0	0
<b>Expense:</b>	530,000	550,000	24,324,000	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> This channel was constructed in 1959, designed to convey a 25-year storm event, and is not in a FEMA Special Flood Hazard Area. Zone A is contained in channel, however it remains hydraulically deficient. The existing geometrics of this channel is a trapezoidal channel (bottom width is 8-ft, side slope is 1.5 to 1.5) lined with rip; one half of the channel will ultimately be improved as an "L" shaped channel lined with concrete and designed to convey a 100-year storm event; the length is approximately 2,728 feet.					

Capital Project		Unit Number: <b>400PF41</b>			PB Req: <b>2881</b>
<b>A03 Fullerton Crk Channel, d/s Western to d/s Dale St</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	20,525,000	0	0	0	0
<b>Expense:</b>	20,525,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> This improvement project crosses underneath numerous bridges: Western Avenue, Beach Boulevard, Stanton Avenue, Oil Line Bridge, Union Pacific Railroad Bridge, the I-5 Freeway, Auto Center Drive, and a pedestrian bridge. Improvements for the Fullerton Creek Channel will be divided into two phases: Phase 1 from downstream of Western Avenue to upstream of Beach Boulevard and Phase 2 from upstream of Beach Boulevard to downstream of Dale Street. These improvements will allow the channel to convey a 100-year storm.  Phase 1 consists of improving the north wall with a lowered invert that aligns with the south wall's invert and removing the false invert. These improvements will maintain the same channel width, but with the lowered invert; the wall heights will increase to a maximum of 17-feet. Construction for Phase 1 is approximately 1,832-feet in length.  Phase 2 consists of removing the concrete trapezoidal lining and constructing a U-channel. Improvements will consist of wall heights ranging from 14.5-feet to 19-feet and a channel width ranging from 31-feet to 37.5-feet. Construction for Phase 2 is approximately 3,938-feet in length.					

Capital Project		Unit Number: <b>400PF66</b>			PB Req: <b>2891</b>
<b>E.G.G.-Wintersburg Channel, u/s Warner to d/s Goldenwest</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	188,750	22,705,000	0	0	0
<b>Expense:</b>	188,750	22,705,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> This channel is in a FEMA Special Flood Hazard Area Zone A. The existing geometrics of this channel is a trapezoidal channel lined with rip rap designed to convey a 25-year storm event. This channel will be improved to ultimate conditions as a vertical wall channel with a soft bottom (120-foot wide) to convey a 100-year storm event. The length is approximately 5,000 feet.					

Capital Project		Unit Number: <b>400P982</b>			PB Req: <b>2892</b>
<b>Countywide Trails &amp; Bike Ways Active Transportation Program</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	2,500,000	0	2,500,000
<b>Reserves:</b>	2,500,000	2,500,000	0	2,500,000	0
<b>Expense:</b>	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> Various Countywide trails and bike ways will be developed to improve pedestrian and cyclist movement and access to important destinations.					

Capital Project		Unit Number: <b>400PF73</b>			PB Req: <b>2893</b>
<b>Santa Ana Delhi Channel, BB, d/s University Ave to d/s Mesa Dr.</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	12,880,000	0	0	0	0
<b>Expense:</b>	12,880,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> This channel is in a FEMA Special Flood Hazard Area Zone A. The downstream segment was constructed in 1961 to convey a 25-year storm event; the existing channel has concrete lined slopes at 1 to 1 ratio with earth base width of 16-feet. This segment of the channel has severely eroded. In addition to a project report, design alternatives are currently being evaluated to determine the ultimate improvements for the channel that will minimize construction, real estate acquisition and mitigation costs while providing an acceptable level of flood protection.					

Capital Project		Unit Number: <b>400PF47</b>			PB Req: <b>2895</b>
<b>Barranca Channel PL84-99 Project</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	2,360,000	0	0	0	0
<b>Expense:</b>	2,360,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> The project is potentially the entire reach, approximately 13,181, feet and starts at the confluence with San Diego Creek Channel (F05) and ends downstream of Barranca Parkway. This reach has experienced significant erosion over the years and has been spot-repaired with riprap. These riprap repairs have been made previously to maintain eligibility for the U.S. Army Corps of Engineers' PL84-99 program. As part of the regulatory permitting for the repair, OCFCD is committed to completing a longer-term solution to protect adjacent businesses from the erosion problems. Design alternatives are currently being evaluated to determine ultimate improvements to be constructed that will minimize channel construction, real estate acquisition and mitigation costs while providing an acceptable level of flood protection.					

Capital Project		Unit Number: <b>400PF74</b>			PB Req: <b>2897</b>
<b>Trabuco Creek Channel, 300' d/s -1,600' U/S Del Obispo Phase 8</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	60,000	12,405,000	0	0	0
<b>Expense:</b>	60,000	12,405,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> The existing channel consists of earth bottom (70-foot base width), and concrete-lined sides slopes. The ultimate improvements for this channel are currently being designed. The length is approximately 1,900 feet and this location is a bottleneck with potential for overtopping.					

Capital Project		Unit Number: <b>400PZ02</b>			PB Req: <b>2885</b>
<b>Carbon Creek Channel, U/S Gilbert St to Euclid</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	443,960	550,000	550,000	20,000,000	0
<b>Reserves:</b>	0	0	0	6,425,000	0
<b>Expense:</b>	443,960	550,000	550,000	26,425,000	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> Portions of this channel were constructed in 1962 and 1959. The downstream segment will convey a 100-year storm event; the upstream segment however is hydraulically deficient. This channel segment is in a FEMA Special Flood Hazard Zone A through the Dad Miller Golf Course, Gilbert Retarding Basin and Crescent Retarding Basin. The existing geometrics of the channel between the two retarding basins is a trapezoidal channel (bottom width is varying from 8-feet to 17-feet, side slope ratio of 2 to 1) lined with rip rap; one half of the channel will ultimately be improved as an "L" shaped channel lined with concrete; the length is approximately 4,600 feet.					

Capital Project		Unit Number: <b>400PZ04</b>			PB Req: <b>2886</b>
<b>E.G.G. Wintersburg Channel, Confluence w/C06 to Beach</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	439,875	438,750	181,875	11,364,600
<b>Expense:</b>	0	439,875	438,750	181,875	11,364,600
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b>					
<p>The existing channel is an earthen bottom trapezoidal levee channel. It is 20 feet wide at the base with a wall height averaging 13 feet. It has 1.5:1 side slopes (horizontal: vertical) lined with riprap rocks. Constructed in 1960s, it was designed to convey 65% of the 25-year peak discharge. An access roadway is located on both sides of the channel for maintenance vehicular access.</p> <p>The proposed improvement includes a reinforced concrete lined channel with a 60-foot base width and channel height of varying between 17 to 18-feet high with maintenance roads on both sides of the channel. The land use element surrounding this channel segment consisted of a mixed residential single family to low to medium high density residential and general commercial neighborhood on both sides of the channel. The general area is under Zone A of the FEMA FIRM panel no. 06059C0251J dated December 3, 2009.</p> <p>Plans and engineering specifications will be prepared for the construction of the improvement of the 2,953-foot segment of the EGGW Channel for the specified project limits. Regulatory permits applications will be filed with the US Army Corps of Engineers, the Regional Water Quality Control Board, and Department of Fish and Game.</p>					

Capital Project		Unit Number: <b>400PZ03</b>			PB Req: <b>2896</b>
<b>L01 San Juan Creek Channel, Invert Stabilization Phase 1</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	973,125	16,392,375	15,890,250
<b>Reserves:</b>	544,125	1,015,125	0	0	0
<b>Expense:</b>	544,125	1,015,125	973,125	16,392,375	15,890,250
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b>					
<p>Perform a detailed fluvial hydraulics study to evaluate the long term alternative invert stabilization requirements for portions of San Juan Creek and Trabuco Creek within the City of San Juan Capistrano. The limits of the study extend within San Juan Creek from the Ocean Outlet at Doheny Beach, upstream to the Ortega Highway, and along Trabuco Creek from the confluence with San Juan Creek, upstream to the Metrolink bridge crossing.</p>					

Capital Project		Unit Number: <b>400PF70</b>			PB Req: <b>2898</b>
<b>Mitigation Bank at Green River Golf Course</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	370,000	10,235,000	0	0	0
<b>Expense:</b>	370,000	10,235,000	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> An In-Lieu Fee Program is being established at Green River Golf Course. Approximately 33 acres of wetland and riparian habitat will be created at the Green River Golf Course under this Program to provide compensatory mitigation for unavoidable impacts to wetlands and aquatic resources as a result of County of Orange Capital Improvement Projects and associated maintenance.					

Capital Project		Unit Number: <b>400L394</b>			PB Req: <b>2924</b>
<b>Santa Ana - Delhi Channel Right of Way Acquisition</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	0	0	0	0
<b>Reserves:</b>	1,000,000	0	0	0	0
<b>Expense:</b>	1,000,000	0	0	0	0
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> F01 Santa Ana Delhi Chnl, BB, d/s University Ave to d/s Mesa Dr. right-of-way acquisition.					

Capital Project		Unit Number: <b>400L000</b>			PB Req: <b>2926</b>
<b>Right-of-Way Acquisitions for Various Flood Control Projects</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	0	300,000	300,000	300,000	300,000
<b>Expense:</b>	0	300,000	300,000	300,000	300,000
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Funding Source:</b>	State: 0%	Federal: 0%	General Fund: 0%	Other: 100%	
<b>Description:</b> Some of the District's flood control projects will require acquisition of right-of-way, such as: temporary construction easements, flood control easements, and right of entry. Acquisition of such right of way may not be specifically known at this time and the amount budgeted is needed to secure the land as soon as its full extent is identified.					

Capital Project		Unit Number: <b>400PF29</b>			PB Req: <b>2899</b>	
<b>San Juan Creek Channel L01, Phases 4,5,6</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	19,628,250	200,000	0	0	0	
<b>Expense:</b>	19,628,250	200,000	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b>						
L01 San Juan Creek Channel; Phase 4 – 2,100-feet upstream to 6,035-feet upstream Stonehill Drive The existing channel has concrete-lined slopes (top width is 200-feet or more) and an earth bottom. The interim improvements, prior to the finalization of the USACE’s San Juan Creek Channel Watershed Study, calls for driving sheet piles on the right side of the channel at the edge of the existing maintenance road. The project length is approximately 4,000 feet right side only.						
L01 San Juan Creek Channel; Phase 5 – Stonehill Drive to 2,100-feet upstream Stonehill Drive The existing channel has concrete-lined slopes (top width is 200-feet or more) and an earth bottom. The interim improvements, prior to the finalization of the USACE’s San Juan Creek Channel Watershed Study, calls for driving sheet piles on the right side of the channel at the edge of the existing maintenance road. The project length is approximately 2,100 feet right side only.						
L01 San Juan Creek Channel; Phase 6 – Stonehill Drive to 2100-feet upstream Stonehill Drive The existing channel has concrete-lined slopes and an earth bottom (top width is 200-feet or more) with a majority lined with 4-inch concrete. The interim improvement, prior to the finalization of the USACE’s San Juan Creek Channel Watershed Study, calls for driving sheet piles on the left side of the channel at the edge of the existing maintenance road. The length is approximately 2100 feet on left side only.						

Capital Project		Unit Number: <b>400L000</b>			PB Req: <b>3020</b>	
<b>L02 Trabuco Creek Channel, 300' d/s Del Opispo to 1,600' U/S</b>						
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>	
<b>Revenue:</b>	0	0	0	0	0	
<b>Reserves:</b>	25,000	0	0	0	0	
<b>Expense:</b>	25,000	0	0	0	0	
<b>Balance:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%	
<b>Description:</b>						
L02 Trabuco Creek Channel, 300'd/s-1,600'U/S Del Obispo Phase 8 right-of-way acquisition.						



Capital Project		Unit Number: <b>400L000</b>			PB Req: <b>3021</b>
<b>Fullerton Creek Channel, d/s Western to d/s Dale St</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
Revenue:	0	0	0	0	0
Reserves:	500,000	0	0	0	0
Expense:	500,000	0	0	0	0
Balance:	0	0	0	0	0
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> A03 Fullerton Crk Channel, d/s Western to d/s Dale St right-of-way acquisition.					

Capital Project		Unit Number: <b>400PZ05</b>			PB Req: <b>3023</b>
<b>E.G.G. Wintersburg Channel, u/s Quarts to u/s Bushard</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
Revenue:	0	0	0	725,500	628,000
Expense:	0	0	0	725,500	628,000
Balance:	0	0	0	0	0
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> This channel is in a FEMA Special Flood Hazard Area Zone A. The existing geometrics of this channel is a trapezoidal channel (16-ft base width, 12-ft height, and 1.5 side slope) lined with rip rap, constructed in the 1960s and designed to convey a 25-year storm event; this channel will ultimately be improved as a concrete-lined rectangular channel, (50-ft wide and 11.5-ft height) and designed to convey a 100-year storm event; the length is approximately 4,000 ft.					

Capital Project		Unit Number: <b>400PZ06</b>			PB Req: <b>3024</b>
<b>E.G.G. Wintersburg Channel, u/s Beach to d/s Woodruff</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
Revenue:	0	0	272,105	441,696	355,848
Expense:	0	0	272,105	441,696	355,848
Balance:	0	0	0	0	0
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> This channel is in a FEMA Special Flood Hazard Area Zone A. The existing channel is an earth bottom channel with side slopes lined with rip rap (20-foot base width, 13-foot height, and side slope 1.5 to 1 ratio), constructed in the 1960's and designed to convey a 25-year storm event. This channel will be improved to ultimate conditions as a concrete-lined rectangular channel, (60-foot wide by 13-foot high) and designed to convey a 100-year storm event. The project length is approximately 2,600 feet.					

<b>TOTAL BUDGET CONTROL: 400 OC Flood</b>					
<b>BC 400</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Total Funding:</b>	61,555,085	50,900,000	29,357,980	46,966,446	31,038,698
<b>Total Expense:</b>	61,555,085	50,900,000	29,357,980	46,966,446	31,038,698
<b>Balance*:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\*Note: Balance is funded by Net County Cost or Fund Balance

PROGRAM: Capital Improvements  
 Budget Control: 104 Criminal Justice Facil - ACO

FUND: 104

Capital Project		Unit Number: 104PE13			PB Req: 3046
<b>2016 Capital Projects - Juvenile Hall Gym/Visitation Center</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	13,010,882	6,505,441	-	-	-
<b>Expense:</b>	13,010,882	6,505,441	-	-	-
<b>Balance:</b>	-	-	-	-	-
<b>Funding Source:</b>	State: 75%	Federal: 0%	General	Fund: 0%	Other: 25%
<b>Description:</b> Construction of a Gym/Visitation Center at Probation Departments Juvenile Hall. This project requires \$3.2M (25%) match from the County, which is funded from Probation's General Fund Reserve Account.					

Capital Project		Unit Number: 1045500			PB Req: 3041
<b>2016 Capital Improvement Plan - Probation Facilities</b>					
	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Revenue:</b>	2,000,000	1,988,030	635,174	843,275	929,184
<b>Reserves:</b>	1,002,671	-	-	-	-
<b>Expense:</b>	3,002,671	1,988,030	635,174	843,275	929,184
<b>Balance:</b>	-	-	-	-	-
<b>Funding Source:</b>	State: 0%	Federal: 0%	General	Fund: 0%	Other: 100%
<b>Description:</b> Probation Department funded capital projects for various Probation facilities including Juvenile Hall, Youth Leadership Academy, Jopline Youth Center and Youth Guidance Center. Fund 104 receives \$2M annual contribution from the County General Fund Budget 036.					

<b>TOTAL BUDGET CONTROL:</b>		<b>104 Criminal Justice Facil - ACO</b>			
<b>BC 104</b>	<b>FY 17-18 Forecast</b>	<b>FY 18-19 Forecast</b>	<b>FY 19-20 Forecast</b>	<b>FY 20-21 Forecast</b>	<b>FY 21-22 Forecast</b>
<b>Total Funding:</b>	16,013,553	8,493,471	635,174	843,275	929,184
<b>Total Expense:</b>	16,013,553	8,493,471	635,174	843,275	929,184
<b>Balance*:</b>	-	-	-	-	-

\*Note: Balance is funded by Net County Cost or Fund Balance

Countywide Summary - Capital Projects	FY 17-18 Forecast	FY 18-19 Forecast	FY 19-20 Forecast	FY 20-21 Forecast	FY 21-22 Forecast	2016 SFP Forecast
<b>General Fund Capital Projects</b>						
General Fund Revenue Total	362,530	255,750	261,632	0	0	879,912
General Fund Expense Total	362,530	255,750	261,632	0	0	879,912
<b>General Fund Balance</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Non-General Fund Capital Projects</b>						
Non-General Fund Revenue Total	233,233,594	149,400,971	96,838,234	136,081,150	132,873,163	748,427,112
Non-General Fund Expense Total	233,233,594	149,400,971	96,838,234	136,081,150	132,873,163	748,427,112
<b>Non-General Fund Balance</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>County Revenue Total</b>	<b>233,596,124</b>	<b>149,656,721</b>	<b>97,099,866</b>	<b>136,081,150</b>	<b>132,873,163</b>	<b>749,307,024</b>
<b>County Expense Total</b>	<b>233,596,124</b>	<b>149,656,721</b>	<b>97,099,866</b>	<b>136,081,150</b>	<b>132,873,163</b>	<b>749,307,024</b>