



ORANGE COUNTY FIRE AUTHORITY

FIRE DEPARTMENT



2012/13 ADOPTED BUDGET

ORANGE COUNTY, CALIFORNIA

WWW.OCFA.ORG

TABLE OF CONTENTS

2012/13

ADOPTED BUDGET

May 24, 2012

Budget Summary

- Overview 1
- Highlights 2
- Pending Issues 4
- Combined Budget Summary 6
- Schedule of Fund Balance 8
- General Fund Revenue/Expenditures 10
- Revenue Assumptions 12
- Revenue Schedules 14
- Five-Year Financial Forecasts 18
- Chart of Authorized Positions 23

Capital Improvement Program Funds

Overview

- Introduction 27
- CIP Highlights 28
- Five-Year Plan Summary 29
- Five-Year Plan Project Listing 30
- Projects Deferred 34

Fund-122 Facilities Maintenance & Improvements

- Fund Description 35
- List of Stations 36
- Project Justifications 37

Fund 123-Facilities Replacement

- Fund Description 43
- Project Justifications 44

Fund 124-Communications and Information Systems Replacement

- Fund Description 47
- Project Justifications 48

Fund 133-Vehicle Replacements

- Fund Description 73
- List of Vehicles to be Replaced 74
- Vehicles to be Deferred 77
- Project Justifications 79



Budget Summary

Budget Overview

The 2012/13 budget is the update to the second year of the two-year budget adopted by the Board for 2011 – 2013. With the continuing lackluster economic environment, the development of the Orange County Fire Authority's General Fund and Capital Improvement Program (CIP) budget remains a significant challenge. The housing market continues to be weak; therefore providing only very modest growth in OCFA's property tax revenues. Property taxes are OCFA's largest source of revenue and represent 63% of our General Fund revenue budget. Although substantial labor group concessions were achieved, employee salary and benefit costs remain a focus for our financial planning efforts since they represent 92% of our expenditure budget.

While the above-mentioned issues will require continuous monitoring for future years, we are very pleased to report that this General Fund budget is balanced for all five years of our forecast. It meets all our policy reserve requirements and it reflects our efforts to sustain our current level of emergency response service and avoid any forced staffing reductions. However, it does not provide funding for all CIP projects, as has been the case for the past several years. In addition, revenue above General Fund needs is currently kept as a cash flow reserve to enable prepayment of annual retirement contributions in order to achieve a 7.75% interest discount.

The budget includes funding for the continuation of the handcrew for 6 months. Any extension of handcrew funding will be addressed at a later date.

Our budget development process continues to include aggressive cost containment and budget reduction measures taken as part of our commitment to long-term financial stability while continuing to provide outstanding service to our member agencies and customers. These include:

- ***Hiring Freeze*** – A hiring freeze remains in place for positions that do not provide front line service to the public. Each position that becomes vacant is reviewed by Executive Management to determine our ability to reassign and/or reduce workload, enabling us to absorb the vacancy, or whether it will be necessary to fill the position. This budget includes 93 frozen positions.
- ***Services and Supplies*** – All sections were requested to hold their services and supplies (S&S) budget flat. Any requests for increases added to the base budget were reviewed on a case-by-case basis considering the criticality of the need and the risks/consequences of not approving the request. Also included is an increase for the addition of the City of Santa Ana contract, which is offset by contract revenue.
- ***Prioritization of Five-Year Capital Improvement Plan*** – The five-year CIP was updated and reviewed by Executive Management. Executive Management scrutinized all projects to ensure they contribute to the OCFA's mission of providing a safe, hazard-free work environment and quality service to our members and citizens. Many projects were found to be essential; however the timing is relatively flexible, therefore they were deferred until funding becomes available. A list of these projects has been provided.

ORANGE COUNTY FIRE AUTHORITY
2012/13 General Fund Budget Highlights
May 2012

Revenue

\$27.8 million or a 10.77% increase

Property Taxes **\$2.8M increase**

- Based on 0.73% current secured growth based on RSG study, excluding public utility taxes
- The refund factor for secured property tax is estimated at 1.0% based on historical trends
- 2011/12 includes one-time decreases to supplemental property tax

State Reimbursements **\$2.2M decrease**

- 2011/12 includes extraordinary assistance-by-hire reimbursements for incident activity

Federal Reimbursements **\$3.1M decrease**

- 2011/12 includes extraordinary assistance-by-hire reimbursements for incident activity and one-time grant funding

Cash Contract Charges **\$29.0M increase**

- 2012/13 includes a full year of revenue totaling \$34.0M for the new City of Santa Ana contract while 2011/12 includes a prorated share of \$6.5M from April 20, 2012 to June 30, 2012
- Based on 1.34% increase to cash contract cities service charge, plus the annual catch-up payments, for an average increase of 2.4% - 3.0%
- JWA shows an increase of 4.0% including a recapture amount from prior years

Fire Prevention and HMS Fees **\$1.3M increase**

- 2011/12 includes one-time reductions for inspection fees related to program modifications
- Includes estimated fee revenue from the City of Santa Ana

Other Charges for Service **\$317K decrease**

- The percentage of cost reimbursement for handcrew activities was reduced from 60% in 2011/12 to 10% in 2012/13

Expenditures

\$20.4 million or a 7.78% increase

Salaries

\$13.5M increase

- Includes a full year of salaries related to the addition of the City of Santa Ana
- Includes 6 months of funding for the handcrew
- Excludes extraordinary backfill/overtime included in 2011/12 for incident activity and one-time grant funding
- Includes final 3.0% salary adjustment for Fire Management and Executive Management (January) and Administrative Management (August) prior to the new trigger formula becoming effective

Retirement

\$3.9M increase

- 2012/13 rates are OCERS' final adopted rates
- Includes a full year of retirement related to the addition of the City of Santa Ana
- Reflects cost-offset from ongoing employee retirement contributions
- Includes 6 months of funding for the handcrew

Benefits

\$5.6M increase

- Workers' Compensation is budgeted at the 2008/09 level of \$5M plus \$1.5M to begin stair-stepping to the 60% confidence level per Board direction. Also included is an increase related to the addition of the City of Santa Ana
- CalPERS group medical insurance rates for non-firefighter unit staff estimated to increase 5.0%
- Firefighter group medical insurance per employee per month, according to the Firefighter Health Agreement, increases from \$1,344 to \$1,466 in January 2013
- Management dental and vision insurance reflects an increase of 10.0%
- Includes 6 months of funding for the handcrew

Services and Supplies

\$2.5M decrease

- Reflects an increase of \$1.5M related to the addition of the City of Santa Ana
- Includes deletion of 2011/12 one-time and grant-funded expenditures

Equipment

\$174K decrease

- Includes deletion of 2011/12 one-time and grant-funded expenditures

**ORANGE COUNTY FIRE AUTHORITY
2012/13 Pending Issues
May 2012**

CAL FIRE Contract

- Gray Book for 2012/13 will not be received until March 2013

John Wayne Airport Contract

- The contract extension for John Wayne Airport expires November 2012, however we have budgeted for a full year of service, pending additional action

US&R Grants

- The grant application process has not yet started so no estimate has been included for the new grant nor unspent funds of the current grant

Workers' Compensation

- The proposed budget includes the 2008/09 funding level of \$5 million plus a \$1.5 million increase to begin stair-stepping increases to the 60% confidence level per Board direction, as well as \$929,000 as a result of adding the City of Santa Ana. Additional funding of approximately \$6 million may be needed by the end of FY2012/13, per the most recent actuarial report. Staff may request that the Board consider allocating any unencumbered fund balance from 2011/12 to the Workers' Compensation Self-Insurance Fund to meet this need.



2012/13 OCFA Adopted Budget

ORANGE COUNTY FIRE AUTHORITY **COMBINED BUDGET SUMMARY**

2012/13

	121 General Fund	122 Facilities Maintenance & Improvement	123 Facilities Replacement
FUNDING SOURCES			
Property Taxes	\$180,025,636		
Intergovernmental	8,453,724		37,929
Charges for Current Services	94,314,465	144,708	
Use of Money & Property	217,023	12,776	64,589
Other	2,569,243		
Total Revenue & Other Financing Sources	285,580,091	157,484	102,518
Operating Transfer In	-	-	-
Beginning Fund Balance	44,316,887	3,163,896	15,104,753
TOTAL AVAILABLE RESOURCES	\$329,896,978	\$3,321,380	\$15,207,271
EXPENDITURES			
Salaries & Employee Benefits	\$260,416,467		
Services & Supplies	21,700,120	1,211,449	
Capital Outlay		480,000	2,201,900
Debt Service			
Total Expenditures & Other Uses	282,116,587	1,691,449	2,201,900
Appropriation for Contingencies	3,000,000	-	-
Operating Transfer Out	-	-	-
Ending Fund Balance	44,780,391	1,629,931	13,005,371
TOTAL FUND COMMITMENTS & FUND BALANCE	\$329,896,978	\$3,321,380	\$15,207,271

Budget Summary

124 Comm & Info Systems Replacement	133 Vehicle Replacement	171 SFF Entitlement	190 Self- Insurance	Total
				\$180,025,636
828,000				9,319,653
	1,435,798			95,894,971
65,103	135,195	4,197	165,993	664,876
46,452			7,407,001	10,022,696
939,555	1,570,993	4,197	7,572,994	295,927,832
-	-	-	-	-
19,353,738	30,612,185	829,693	32,594,570	145,975,722
\$20,293,293	\$32,183,178	\$833,890	\$40,167,564	\$441,903,554
				\$260,416,467
2,733,087	86,958	765,494	8,602,134	35,099,242
11,794,646	5,087,012			19,563,558
	2,531,723			2,531,723
14,527,733	7,705,693	765,494	8,602,134	317,610,990
-	-	-	-	3,000,000
-	-	-	-	-
5,765,560	24,477,485	68,396	31,565,430	121,292,564
\$20,293,293	\$32,183,178	\$833,890	\$40,167,564	\$441,903,554

2012/13 OCFA Adopted Budget

ORANGE COUNTY FIRE AUTHORITY **SCHEDULE OF FUND BALANCE**

2012/13

	General Operating Fund 121	Facilities Maint & Improv Fund 122	Facilities Replacement Fund 123
Projected Fund Balance 6/30/13	\$44,780,391	\$1,629,931	\$13,005,371
Restricted			
Stn 56 Dev. Contribution			1,193,950
Stn 18 CDF Contribution			533,232
Committed			
SFF - Irvine			
SFF Fund GASB 31 Interest (b)			
Assigned			
Capital Improvement Programs		1,629,931	11,278,189
Workers Comp			
Unassigned			
General Fund Operating (a)	25,160,821		
Cash Flow Needs	19,619,570		
Total	\$44,780,391	\$1,629,931	\$13,005,371

(a) Reflects \$3 million reduction for Appropriation for Contingencies

(b) GASB 31 interest is a paper transaction only that is not available for use

Budget Summary

Comm & Info Sys Repl Fund 124	Vehicle Replacement Fund 133	SFF Entitlement Fund 171	Self Insurance Fund 190	Total
\$5,765,560	\$24,477,485	\$68,396	\$31,565,430	\$121,292,564
				1,193,950
				533,232
		58,063		58,063
		10,333		10,333
5,765,560	24,477,485		31,565,430	43,151,165
				31,565,430
				25,160,821
				19,619,570
<u>\$5,765,560</u>	<u>\$24,477,485</u>	<u>\$68,396</u>	<u>\$31,565,430</u>	<u>\$121,292,564</u>

2012/13 OCFA Adopted Budget

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE AND EXPENDITURE SUMMARY
2012/13 BUDGET

	2011/12 Budget	2012/13 Budget	\$ Change fr 2011/12 Budget	% Change fr 2011/12 Budget
FUNDING SOURCES				
Property Taxes	\$177,247,357	\$180,025,636	\$2,778,279	1.57%
Intergovernmental	13,687,589	8,453,724	(5,233,865)	-38.24%
Charges for Current Services	64,329,255	94,314,465	29,985,210	46.61%
Use of Money & Property	199,488	217,023	17,535	8.79%
Other	2,356,207	2,569,243	213,036	9.04%
Total Revenues & Other Financing Sources	257,819,896	285,580,091	27,760,195	10.77%
Operating Transfer In	-	-	-	-
Beginning Fund Balance	48,865,031	44,316,887	(4,548,144)	-9.31%
TOTAL AVAILABLE RESOURCES	\$306,684,927	\$329,896,978	\$23,212,051	7.57%
EXPENDITURES				
Salaries & Employee Benefits	\$237,416,752	\$260,416,467	\$22,999,715	9.69%
Services & Supplies	24,155,681	21,700,120	(2,455,561)	-10.17%
Capital Outlay	173,501	-	(173,501)	-100.00%
Total Expenditures & Other Uses	261,745,934	282,116,587	20,370,653	7.78%
Operating Transfer Out	622,106	-	(622,106)	-100.00%
Appropriation for Contingencies (1)	3,000,000	3,000,000	-	0.00%
Ending Fund Balance	41,316,887	44,780,391	3,463,504	8.38%
TOTAL FUND COMMITMENTS & FUND BALANCE	\$306,684,927	\$329,896,978	\$23,212,051	7.57%

(1) Requires Board approval to spend



**ORANGE COUNTY FIRE AUTHORITY
2012/13 Revenue Assumptions
May 2012**

Property Taxes

Current Secured

- Based on growth in current secured property of 0.73% for 2012/13 per RSG's preliminary study
- Based on 2011/12 tax ledger and estimated 1.00% refund factor
- Public utility taxes are based on 2011/12 projections

Current Unsecured

- Based on 0% growth factor as provided by RSG
- Based on 2011/12 tax ledger and estimated 9.40% refund factor

Supplemental

- Based on anticipated increase from 2011/12

Home-owner Property Tax Relief

- Homeowner property tax relief based on 2011/12 revenue and a 1.1% reduction for 2012/13, which reflects historical trends

Intergovernmental

State Responsibility Area (SRA) – Wildlands CAL FIRE Contract

- Based on the 2011/12 contract amount per the Gray Book (CAL FIRE's notice of allocation to the contract counties)

Assistance by Hire – State

- Estimates based on historical trends, excluding extraordinary activity

Assistance by Hire – Federal

- Estimates based on historical trends, excluding extraordinary activity

Community Redevelopment Agency (CRA) Pass-Through

- Based on 2011 - 2013 Adopted Budget

Charges for Current Services

Cash Contract Cities

- Based on estimated budget increase of 1.34% in 2012/13
- Based on the 20-year JPA agreement which includes the shortfall amortization
- City of San Clemente includes ambulance service costs based on the 2011/12 projection
- Cash Contract services begin for the City of Santa Ana on April 20, 2012

John Wayne Airport Contract

- Based on the 2012/13 estimated charge which includes a recapture amount bringing the total increase to 4%
- The current agreement expires November 30, 2012; the budget assumes that the contract will be in force for the full fiscal year

Hazardous Materials Section

- Based on 2011/12 projection, including the CalARP program
- 2012/13 revenue assumes no fee increase
- Includes the projected revenue from City of Santa Ana

Fire Prevention Fees

- 2011/12 includes one-time reductions due to program modifications
- 2012/13 revenue assumes no fee increase
- Includes the projected revenue from City of Santa Ana

Advance Life Support (ALS) Transport and Supplies Reimbursements

- Based on 2011/12 budget

Use of Money and Property

Interest

- Based on the 2012/13 draft proposed budget
- Assumes interest rate of 0.50%

Other Revenue

Miscellaneous Revenue

- Reflects a contribution of \$1,500,000 in July 2012 from the Orange County Professional Firefighters Association (OCPFA) per the new MOU modifications to the OCPFA Health Plan Agreement
- Includes an estimate for the annual mandatory rebate from the Firefighter Medical Trust of \$500,000

2012/13 OCFA Adopted Budget

**ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE SUMMARY
2012/13 BUDGET**

DESCRIPTION	2011/12 Budget (1)	2012/13 Budget (1)	\$ Change fr 2011/12 Budget	% Change fr 2011/12 Budget
PROPERTY TAXES	\$177,247,357	\$180,025,636	\$2,778,279	1.57%
INTERGOVERNMENTAL	13,687,589	8,453,724	(5,233,865)	-38.24%
CHARGES FOR CURRENT SVCS	64,329,255	94,314,465	29,985,210	46.61%
USE OF MONEY AND PROPERTY	199,488	217,023	17,535	8.79%
OTHER	2,356,207	2,569,243	213,036	9.04%
TOTAL REVENUE	\$257,819,896	\$285,580,091	\$27,760,195	10.77%

(1) Includes impact of the new City of Santa Ana contract

Budget Summary

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE DETAIL
2012/13 BUDGET

DESCRIPTION	2011/12 Budget (1)	2012/13 Budget (1)	\$ Change fr 2011/12 Budget	% Change fr 2011/12 Budget
TAXES				
Property Taxes, Current Secured	\$168,021,107	\$169,913,718	\$1,892,611	1.13%
Property Taxes, Current Unsecured	6,538,926	6,549,652	10,726	0.16%
Property Taxes, Prior Unsecured	112,894	112,894	-	0.00%
Property Taxes, Supplemental	908,958	1,800,000	891,042	98.03%
Delinquent Supplemental	201,867	201,867	-	0.00%
Home-owner Property Tax	1,463,605	1,447,505	(16,100)	-1.10%
TOTAL PROPERTY TAXES	177,247,357	180,025,636	\$2,778,279	1.57%
INTERGOVERNMENTAL				
State				
State-Civil Defense SONGS/NPP	12,000	12,000	-	0.00%
SRA-Wild lands (CAL FIRE Contract)	3,900,852	3,900,852	-	0.00%
Assistance by Hire (State)	2,210,155	200,000	(2,010,155)	-90.95%
Helicopters' Billing - CAL FIRE	127,034	10,000	(117,034)	-92.13%
Misc. State Revenue	100,000	-	(100,000)	-100.00%
SUB-TOTAL	6,350,041	4,122,852	(2,227,189)	-35.07%
Federal				
Disaster Relief-Federal	7,230	-	(7,230)	-100.00%
USAR Reimbursements	1,165,849	-	(1,165,849)	-100.00%
Assistance by Hire (Federal)	143,567	100,000	(43,567)	-30.35%
Misc Federal Revenue	2,049,941	206,704	(1,843,237)	-89.92%
SUB-TOTAL	3,366,587	306,704	(3,059,883)	-90.89%
CRA Pass-Through				
Cypress-CRA Pass thru	185,901	187,802	1,901	1.02%
Cypress - Lincoln Ave Redev. Proj.	75,363	76,134	771	1.02%
Cypress - LA Racetrack/Golf Course	82,635	83,480	845	1.02%
Irvine - CRA Pass thru	179,755	182,925	3,170	1.76%
La Palma - CRA Pass thru	100,076	100,819	743	0.74%
Lake Forest - CRA Pass thru	-	8,153	8,153	n/a
Mission Viejo Pass thru	847,694	853,028	5,334	0.63%
San Juan Caps - CRA Pass thru	859,807	865,295	5,488	0.64%
SJC CRA pass thru 86-1	55,479	55,833	354	0.64%
Yorba Linda - CRA Pass thru	1,454,464	1,478,746	24,282	1.67%
Yorba Linda Amend 1 Pass thru	129,787	131,953	2,166	1.67%
SUB-TOTAL	3,970,961	4,024,168	53,207	1.34%
TOTAL INTERGOVERNMENTAL	13,687,589	8,453,724	(5,233,865)	-38.24%

2012/13 OCFA Adopted Budget

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE DETAIL
2012/13 BUDGET

DESCRIPTION	2011/12 Budget (1)	2012/13 Budget (1)	\$ Change fr 2011/12 Budget	% Change fr 2011/12 Budget
CHARGES FOR CURRENT SERVICES				
Cash Contracts				
San Clemente-Ambulance S&EB	477,361	477,361	-	0.00%
San Clemente-Ambulance S&S	15,000	15,000	-	0.00%
Tustin	5,729,989	5,901,371	171,382	2.99%
Placentia	4,831,589	4,976,100	144,511	2.99%
Santa Ana	6,505,877	34,131,040	27,625,163	424.62%
Seal Beach	3,988,873	4,108,179	119,306	2.99%
Stanton	3,887,125	4,003,388	116,263	2.99%
JWA Contract	4,745,564	4,935,387	189,823	4.00%
Buena Park	8,299,860	8,531,785	231,925	2.79%
San Clemente	6,584,521	6,743,836	159,315	2.42%
Westminster	8,803,148	9,045,937	242,789	2.76%
SUB-TOTAL	53,868,907	82,869,384	29,000,477	53.84%
Hazardous Materials Section				
HMS Disclosure Fee	942,530	1,284,742	342,212	36.31%
HMS CalARP Fee	130,347	159,524	29,177	22.38%
SUB-TOTAL	1,072,877	1,444,266	371,389	34.62%
Fire Prevention Fees				
AR Late Payment Penalty	11,230	8,400	(2,830)	-25.20%
Inspection Services Revenue	1,448,490	2,030,424	581,934	40.18%
P&D Fees	2,951,677	3,306,125	354,448	12.01%
False Alarm	2,000	2,000	-	0.00%
SUB-TOTAL	4,413,397	5,346,949	933,552	21.15%
Other Charges for Services				
Charge for Handcrew Services	400,000	83,292	(316,708)	-79.18%
SUB-TOTAL	400,000	83,292	(316,708)	-79.18%
Ambulance Reimbursements				
Ambulance Non-Compliance Fee	3,500	-	(3,500)	-100.00%
Ambulance Supplies Reimbursement	1,030,920	1,030,920	-	0.00%
ALS Transport Reimbursement	3,539,654	3,539,654	-	0.00%
SUB-TOTAL	4,574,074	4,570,574	(3,500)	-0.08%
TOTAL CHGS FOR CURRENT SVCS	64,329,255	94,314,465	29,985,210	46.61%

Budget Summary

ORANGE COUNTY FIRE AUTHORITY
FUND 121 - GENERAL FUND
REVENUE DETAIL
2012/13 BUDGET

DESCRIPTION	2011/12 Budget (1)	2012/13 Budget (1)	\$ Change fr 2011/12 Budget	% Change fr 2011/12 Budget
USE OF MONEY AND PROPERTY				
Interest				
Interest	199,488	217,023	17,535	8.79%
TOTAL USE OF MONEY/PROPERTY	199,488	217,023	17,535	8.79%
REVENUE - OTHER				
Miscellaneous Revenue				
Other Revenue	7,567	5,000	(2,567)	-33.92%
Miscellaneous Revenue	1,695,931	2,048,743	352,812	20.80%
Restitution	10,321	1,000	(9,321)	-90.31%
RFOTC Cell Tower Lease Agreement	-	50,000	50,000	n/a
Witness Fees	4,500	4,500	-	0.00%
Misc Revenue - Donations	4,238	-	(4,238)	-100.00%
Haz-Mat JPA Revenue	10,000	10,000	-	0.00%
Joint Apprenticeship Comm (CFFJAC)	150,000	150,000	-	0.00%
Misc Revenue - Training & EMS	225,000	225,000	-	0.00%
Bankruptcy Loss Recovery	99,371	25,000	(74,371)	-74.84%
Insurance Settlements	23,179	-	(23,179)	-100.00%
Sales of Surplus	126,100	50,000	(76,100)	-60.35%
TOTAL OTHER REVENUE	2,356,207	2,569,243	213,036	9.04%
TOTAL	\$257,819,896	\$285,580,091	\$27,760,195	10.77%

(1) Includes impact of the new City of Santa Ana contract

2012/13 OCFA Adopted Budget

FY 2012/13 Adopted Budget

	ADOPTED 2011/12	ADOPTED 2012/13	PROJECTED 2013/14	PROJECTED 2014/15	PROJECTED 2015/16	PROJECTED 2016/17
A. BEGINNING FUND BALANCE	162,885,946	145,975,722	124,292,564	115,051,798	109,222,957	110,677,410
GENERAL FUND REVENUES						
Secured Property Tax	166,140,784	168,033,395	170,100,206	174,250,651	180,959,301	191,382,557
Public Utility Tax	1,880,323	1,880,323	1,880,323	1,880,323	1,880,323	1,880,323
Unsecured Property Tax	6,651,820	6,662,546	6,662,546	6,662,546	6,662,546	6,662,546
Homeowners Property Tax Relief	1,463,605	1,447,505	1,447,505	1,447,505	1,447,505	1,447,505
Supplemental/Delinquencies	<u>1,110,825</u>	<u>2,001,867</u>	<u>2,001,867</u>	<u>2,001,867</u>	<u>2,001,867</u>	<u>2,001,867</u>
Property Taxes	177,247,357	180,025,636	182,092,447	186,242,892	192,951,542	203,374,798
State Reimbursements	4,122,852	4,122,852	4,122,852	4,122,852	4,122,852	4,122,852
Federal Reimbursements	306,704	100,000	100,000	100,000	100,000	100,000
One-Time Grant/ABH Proceeds	5,287,072	206,704				
Community Redevelopment Agency Pass-thru's	3,970,961	4,024,168	4,073,665	4,173,063	4,333,726	4,583,348
Cash Contracts	53,868,907	82,869,384	85,257,887	87,685,867	90,150,927	91,663,198
Haz Mat Services	1,072,877	1,444,266	1,487,594	1,532,222	1,578,188	1,625,534
Fire Prevention Fee	4,413,397	5,346,949	5,507,357	5,672,578	5,842,756	6,018,038
Advanced Life Support Supplies & Transport Reimbursement	4,574,074	4,570,574	4,570,574	4,570,574	4,570,574	4,570,574
Interest Earnings	199,488	217,023	406,082	593,779	783,481	787,744
Other Revenue	2,756,207	2,652,535	1,069,243	1,069,243	1,069,243	1,069,243
TOTAL REVENUES	257,819,896	285,580,091	288,687,701	295,763,069	305,503,288	317,915,329
Average Annual Change = 4.28%						
GENERAL FUND EXPENDITURES						
New Positions for New Stations/Enhancements				2,183,668	2,201,862	2,231,538
Employee Salaries	151,571,562	167,713,616	167,410,521	167,410,521	167,410,521	167,410,521
Retirement	58,774,608	62,827,310	64,592,743	66,811,019	66,471,115	67,299,332
Workers' Comp Transfer out to Self-Ins. Fund	5,119,252	7,407,001	8,887,661	9,387,661	9,887,661	10,387,661
Other Insurance	17,272,792	20,317,153	21,985,820	23,993,259	26,185,227	28,589,703
Medicare	1,869,057	<u>2,151,387</u>	<u>2,146,803</u>	<u>2,146,803</u>	<u>2,146,803</u>	<u>2,146,803</u>
One-Time Grant/ABH Expenditures	<u>2,809,481</u>					
Salaries & Employee Benefits	237,416,752	260,416,467	265,023,549	271,932,932	274,303,189	278,065,558
Services & Supplies/Equipment	21,427,803	21,441,740	22,193,940	22,530,641	22,590,641	22,650,641
New Station/Enhancements S&S Impacts				101,306	104,345	107,475
One-Time Grant Expenditures	2,727,878	258,380				
Capital Outlay	173,501	0	0	0	0	0
TOTAL EXPENDITURES	261,745,934	282,116,587	287,217,489	294,564,878	296,998,175	300,716,199
Average Annual Change = 2.81%						
NET GENERAL FUND REVENUE	(3,926,038)	3,463,504	1,470,212	1,198,191	8,505,114	17,199,130
B. Incremental Increase in GF 10% Contingency	1,880,487	2,717,293	535,928	734,739	243,330	371,802
GENERAL FUND SURPLUS / (DEFICIT)	(5,806,525)	746,211	934,284	463,452	8,261,784	16,827,328
C. GF Surplus/Deficit = Operating Transfers to/from GF Cashflow	(5,806,525)	746,211				
GF Surplus = Operating Transfers Out to CIP			934,284	463,452	8,261,784	16,827,328
Capital Improvement Program/Other Fund Revenues						
Interest Earnings	370,194	447,853	775,795	1,067,361	1,387,593	1,489,256
State/Federal Reimbursement	37,929	865,929	37,929	37,929	37,929	37,929
Cash Contracts	1,224,853	1,580,506	1,738,872	1,783,238	1,828,934	1,876,003
Developer Contributions			4,249,156			
Workers' Comp Transfer in from GF	5,119,252	7,407,001	8,887,661	9,387,661	9,887,661	10,387,661
Miscellaneous	426,741	46,452	46,452	46,452	46,452	46,452
Operating Transfers In	0	0	934,284	463,452	8,261,784	16,827,328
Total CIP Revenues	7,178,969	10,347,741	16,670,149	12,786,093	21,450,353	30,664,629
Capital Improvement Program/Other Fund Expenses						
Fund 122 - Facilities Maintenance & Improvements	1,185,984	1,691,449	1,237,614	1,264,498	1,292,122	1,320,505
Fund 123 - Facilities Replacement	1,169,909	2,201,900	4,800,000	0	0	0
Fund 124 - Communications & Info Systems Replace.	4,436,939	14,527,733	5,451,800	3,152,500	2,427,500	2,198,038
Fund 133 - Vehicle Replacement	4,985,622	7,705,693	6,049,200	5,919,026	7,328,726	8,669,588
Sub-Total CIP Expenses	11,778,454	26,126,775	17,538,614	10,336,024	11,048,348	12,188,131
Fund 171 - SFF Entitlement	592,889	765,494	68,396	0	0	0
Fund 190 - WC Self-Ins. (Cashflow Payments per Actuary)	7,791,812	8,602,134	8,839,834	9,013,649	9,190,882	9,371,599
Total CIP/Other Expenses	20,163,155	35,494,403	26,446,844	19,349,673	20,239,230	21,559,730
D. CIP SURPLUS/(DEFICIT)	(12,984,186)	(25,146,662)	(9,776,695)	(6,563,580)	1,211,124	9,104,898
ENDING FUND BALANCE (A+B+C+D)	145,975,722	124,292,564	115,051,798	109,222,957	110,677,410	120,154,111
Fund Balances						
Operating Contingency (10% of Expenditures)	25,443,528	28,160,821	28,721,749	29,456,488	29,699,817	30,071,620
General Fund Cashflow (OCERS Pre-Pay)	18,873,359	19,619,570	19,619,570	19,619,570	19,619,570	19,619,570
Restricted (Donations & Developer Contributions)	1,727,182	1,727,182	533,232	533,232	533,232	533,232
Committed (Fund 171)	829,693	68,396	0	0	0	0
Assigned						
Capital Improvement Program	64,099,285	43,151,165	34,563,990	27,626,398	28,140,742	36,229,579
Fee-funded IT Replacement (IFP)	2,408,105					
Fund 190 - WC Self-Insurance	32,594,570	31,565,430	31,613,257	31,987,269	32,684,048	33,700,110
Total Fund Balances	145,975,722	124,292,564	115,051,798	109,222,957	110,677,410	120,154,111

Forecast Assumptions – FY 2012/13 Budget

Basic Assumptions:

The Adopted 2011 – 2013 Budget and the Five-Year Capital Improvement Plan form the basis for this financial forecast with the following adjustments:

- Updated total beginning fund balance from the 2010/11 audited financial statements including the staff recommendation of distributing 50% of unencumbered fund balance in the amount of \$622,102 to over-funded Structural Fire Fund (SFF) members
- All approved budget adjustments that have occurred since the adoption of the budget
- Service provided to the City of Santa Ana beginning April 20, 2012
- 2012/13 Proposed Budget Update
- Board action to retain the firefighting handcrew through 12/31/12

General Fund Revenues:

- ***Secured Property Taxes*** – RSG’s Final 2012 Report provides the growth factors this forecast. The following data show these projections of current secured property tax growth:

2012/13	0.73%
2013/14	1.23%
2014/15	2.44%
2015/16	3.85%
2016/17	5.76%

- ***Public Utility Taxes*** – Expected to remain constant since there is little change year to year in the assessed valuation upon which this tax is based.
- ***Unsecured Property Taxes*** – Unsecured property tax revenue is not projected to grow during the forecast period.
- ***Homeowners Property Tax Relief*** – Homeowners relief is expected to remain constant.
- ***Supplemental/Delinquent Property Taxes*** – After one-time reductions to supplemental property tax in 2011/12, these revenues are estimated at \$2.1 million for the outer years.
- ***State Reimbursements*** – State reimbursements are expected to remain constant through 2016/17.
- ***Federal Reimbursements*** – This revenue remains constant at \$100,000 per year through 2016/17.
- ***Community Redevelopment Agency Pass-thru Revenue*** – The projections are based on the secured property tax growth rates above. Staff is currently analyzing the impact of the recent RDA dissolution in terms of pass-through revenue and property tax revenue.

2012/13 OCFA Adopted Budget

- **Cash Contracts** –The forecast calculations are based on the First Amendment to the Amended Joint Powers Agreement and year-over-year changes are estimated at 2% per year and have a 4.5% cap. In addition, this revenue category includes projected John Wayne Airport contract proceeds with a 4.0% annual increase cap, which is projected to continue through the forecast period.
- **Fire Prevention and Hazardous Materials Services Fees** – This revenue is estimated to grow by 3% per year starting in 2013/14 based on anticipated activity and fee adjustments.
- **ALS Supplies & Transport Reimbursements** – This revenue is estimated to remain flat because Medicare reimbursement rates continue to decrease.
- **Interest Earnings** – Assumes an annual return of 0.50% for 2012/13, 1.00% for 2013/14, 1.50% for 2014/15, and 2.00% for 2015/16 and 2016/17.
- **Other Revenue** – This revenue source includes the firefighters’ contribution per the revised Health Plan Agreement (\$500K in 2011/12 and \$1.5M in 2012/13) as well as the return of projected excess health plan funding (\$500K per year).

General Fund Expenditures:

- **Salaries & Employee Benefits** – S&EB is composed of the following factors:
 - ✓ **Employee Salaries** – Salaries reflect the extended MOUs as follows:

Chief Officers/Exec. Mgmt.	3% in January 2013
Admin. Management	3% in August 2012

The forecast does not contain estimated increases based on the new “Trigger Formula”, which is already effective for OCPFA and OCEA, and which becomes effective for COA and Exec. Mgmt. in 2013/14. In addition, salary increases are not projected for the years that follow expiration of current MOUs (i.e. 2015/16 & 2016/17).
 - ✓ **Retirement** – Retirement costs reflecting the projected retirement rates (shown below) along with the MOU salary growth are based on the 11/11/11 Segal report (Scenario #1) and adjusted for changes in employee contributions.

	<u>Safety</u>	<u>Non-Safety</u>	
2011/12	57.04%	31.31%	
2012/13	53.17%	32.65%	
2013/14	54.46%	36.36%	projected
2014/15	56.06%	38.36%	projected
2015/16	55.76%	38.26%	projected
2016/17	56.46%	38.66%	projected

- ✓ **Workers’ Compensation** – For 2011/12 Workers’ Compensation is increased from the 2008/09 level by \$1.5M, then increased by \$1.5M annually for 2012/13 and 2013/14, and

Budget Summary

finally increased by \$500K for 2014/15 through 2016/17. Also included is the impact of the addition of the City of Santa Ana.

- ✓ **Other Insurance** – Medical insurance rates for firefighters are assumed to grow annually by 5% in January 2012, and 9% thereafter. For staff members it is projected to grow by 10% annually for the last three years. This category also includes \$125,000 for unemployment insurance in 2011/12 and \$100,000 thereafter.
- ✓ **Medicare** – Annual increases based on changes in salaries.
- **Services & Supplies** – S&S is held flat unless a new fire station is built or specific increases have been identified by section managers.

Net General Fund Revenue:

This figure equals the General Fund Revenue minus the General Fund Expenditures.

Incremental Increase in General Fund 10% Contingency:

This is the amount needed to add to the General Fund 10% Contingency each year to maintain this category of fund balance at the required policy level of 10% of General Fund expenditures (less one-time grant expenditures).

General Fund Surplus/(Deficit):

This figure is equal to the Net General Fund Revenue less the incremental increase in the General Fund 10% Contingency. In years when there is a surplus, the amount is transferred to the General Fund Cashflow (OCERS Pre-Pay) or to the CIP funds. In years when there is a deficit, the deficit amount must be drawn from the Cash Flow, then the 10% Contingency, and once those are exhausted, first from fund balance for CIP and finally from the Workers' Compensation fund balance.

Capital Improvement Program/Other Funds Revenue:

- **Interest Earnings** – Assumes an annual return of 0.50% for 2012/13, 1.00% for 2013/14, 1.50% for 2014/15, and 2.00% for 2015/16 and 2016/17.
- **State/Federal Reimbursement** – After the \$828,000 ECC 911 telephone system upgrade project reimbursement is received in 2012/13, this revenue source is anticipated to remain constant at \$37,929, which is funding from CAL Fire for capital projects.
- **Cash Contracts** – The forecast calculations are based on the First Amendment to the Amended Joint Powers Agreement.
- **Developer Contributions** – In 2013/14 Fire Station #56 construction and apparatus will be funded by the developer.

2012/13 OCFA Adopted Budget

- **Workers' Compensation Transfer** – These amounts equal the General Fund Workers' Compensation budget.
- **Miscellaneous** – This revenue is held constant at \$46,452 from the County-wide AVL cost sharing.
- **Operating Transfer In** – This figure equals the Operating Transfer Out from the General Fund.

Capital Improvement Program/Other Funds Expenditures:

Expenditures for each CIP fund are based on the CIP Budget.

- **Structural Fire Fund Entitlement Fund (Fund 171)** – Remaining funds from the previous allocation will be increased by \$622,106 and expended through the forecast period.
- **Self-Insurance Fund (Fund 190)** – 2012/13 through 2014/15 are based on the Rivelle Consulting Services projected payments. 2016/17 assumes the same average year-over-year increase included in the January, 2012 Rivelle study.

Fund Balances:

- **Operating Contingency** – Reflects policy of 10% of the General Fund expenditures each year (less one-time grant expenditures). General Fund deficits are deducted from this category of fund balance once the Cash Flow fund balance is exhausted. The contingency also includes the \$3 million identified as "Appropriation for Contingencies".
- **Cash Flow** – \$19.2 million identified as General Fund Cashflow fund balance for 2011/12, increased by any General Fund surplus thereafter or reduced by any General Fund deficits.

Assigned Fund Balances

- **Self-Insurance Fund (Fund 190)** – Funding is set aside for Workers' Compensation claims. The amount is based on the prior year Workers' Compensation fund balance adjusted annually by the difference between the Workers' Compensation Transfer and the Fund 190 expenditures.
- **Capital Improvement Program** – This fund balance includes funding for future capital replacements and is reduced annually by the cost of capital assets and increased in years when there are Operating Transfers into the CIP.

Budget Summary

ORANGE COUNTY FIRE AUTHORITY
CHART OF AUTHORIZED POSITIONS
 2008 - 2013

Class	Positions Authorized 2008/09 Budget	Positions Authorized 2009/10 Budget	Positions Authorized 2010/11 Budget	Positions Authorized 2011/12 Budget	Positions Authorized 2012/13 Budget
FIREFIGHTER UNIT					
Fire Apparatus Engineer	214	214	214	250	250
Fire Captain	230	230	230	269	269
Fire Pilot	3	3	3	3	3
Firefighter	391	391	391	463	463
Hand Crew Firefighter	22	22	22	22	22
Heavy Fire Equipment Operator	3	3	3	3	3
UNIT TOTAL:	863	863	863	1010	1010
FIRE MANAGEMENT UNIT					
Fire Battalion Chief	34	34	34	37	37
Fire Battalion Chief (Limited Term)	1	1	1	1	1
Fire Division Chief	6	6	6	7	7
UNIT TOTAL:	41	41	41	45	45
GENERAL UNIT					
Accountant	7	7	7	7	7
Administrative Assistant	18	18	18	19	19
Assistant Fire Apparatus Technician	2	2	2	2	2
Assistant Purchasing Agent	1	1	1	1	1
Business Analyst	1	1	1	1	1
Communications Installer	1	1	1	1	1
Communications Technician	1	1	1	1	1
Emergency Transportation Technician	6	6	6	6	6
EMS Nurse Educator	5	5	5	6	6
Essential Facilities Inspector (Limited Term)	1	1	0	0	0
Executive Assistant	2	2	2	2	2
Facilities Maintenance Coordinator	2	2	2	2	2
Fire Apparatus Parts Specialist	1	1	1	1	1
Fire Apparatus Technician	4	4	4	4	4
Fire Communications Dispatcher	22	22	22	22	22
Fire Communications Dispatcher (Part-time)	0	0	0	3	3
Fire Comm. Relations/Education Specialist	4	4	4	4	4
Fire Equipment Technician	8	8	8	8	8
Fire Helicopter Technician	1	1	1	1	1
Fire Prevention Analyst	11	11	11	12	12
Fire Prevention Services Specialist	3	3	3	3	3
Fire Prevention Specialist	11	11	11	12	12
Fire Safety Engineer	2	2	2	2	2
Fire Training Program Specialist	1	1	1	1	1

2012/13 OCFA Adopted Budget

ORANGE COUNTY FIRE AUTHORITY CHART OF AUTHORIZED POSITIONS 2008 - 2013

Class	Positions Authorized 2008/09 Budget	Positions Authorized 2009/10 Budget	Positions Authorized 2010/11 Budget	Positions Authorized 2011/12 Budget	Positions Authorized 2012/13 Budget
GIS Specialist	3	3	3	3	3
Human Resources Analyst	1	1	2	2	2
Information Technology Analyst	4	4	4	4	4
Information Tech. Help Desk Tech	1	1	1	1	1
Information Technology Specialist	1	1	1	1	1
Management Assistant	9	9	9	9	9
Multimedia Specialist	1	1	1	1	1
Office Services Specialist	13	13	13	14	14
Project Specialist, Improvement	1	1	1	0	0
Public Relations Specialist	1	1	1	0	0
Risk Management Specialist	1	1	1	1	1
Senior Accounting Support Specialist	11	11	11	11	11
Senior Communications Technician	2	2	2	2	2
Senior Executive Assistant	1	1	1	0	0
Senior Fire Apparatus Technician	8	8	8	8	8
Senior Fire Equipment Technician	4	4	4	4	4
Senior Fire Prevention Specialist	13	13	13	15	15
Senior Human Resource Specialist	3	3	2	2	2
Senior Information Technology Analyst	3	3	3	3	3
Service Center Lead	1	1	1	1	1
UNIT TOTAL:	197	197	196	203	203
SUPERVISORY MANAGEMENT UNIT					
Accounting Support Supervisor	1	1	1	0	0
Assistant Fire Marshal	9	9	9	10	10
Fire Communications Supervisor	4	4	4	4	4
Fire Comm. Relations/Education Supervisor	1	1	1	1	1
Fleet Services Coordinator	1	1	1	1	1
Fleet Services Supervisor	2	2	2	2	2
Information Tech Supervisor	2	2	2	2	2
Multimedia Supervisor	1	1	1	1	1
Senior Fire Apparatus/Parts Specialist	1	1	1	1	1
Senior Fire Communications Supervisor	2	2	2	2	2
Senior Fire Helicopter Technician	1	1	1	1	1
Service Center Supervisor	1	1	1	1	1
Supervising Purchasing Agent	1	1	1	1	1
Wildland Fire Defense Planner	1	1	1	1	1
UNIT TOTAL:	28	28	28	28	28
SUPPORTED EMPLOYMENT UNIT					
Services Aide	4	4	4	4	4
UNIT TOTAL:	4	4	4	4	4

Budget Summary

ORANGE COUNTY FIRE AUTHORITY
CHART OF AUTHORIZED POSITIONS
 2008 - 2013

Class	Positions Authorized 2008/09 Budget	Positions Authorized 2009/10 Budget	Positions Authorized 2010/11 Budget	Positions Authorized 2011/12 Budget	Positions Authorized 2012/13 Budget
PERSONNEL & SALARY RESOLUTION - PSR					
Accounting Manager	2	2	2	2	2
Assistant Chief	4	4	4	4	4
Assistant Clerk of Authority	1	1	1	1	1
Assistant IT Manager-Customer Relations & Consulting	1	1	1	1	1
Assistant IT Manager-GIS & Data Mgmt.	1	1	1	1	1
Assistant IT Manager-Infrastructure & Workplace Supp.	1	1	1	1	1
Assistant IT Manager-Portfolio & Procurement Mgmt.	1	1	1	1	1
Assistant Treasurer	1	1	1	1	1
Benefit Services Manager	1	1	1	1	1
Clerk of the Authority	1	1	1	1	1
Construction Manager	1	1	1	1	1
Deputy Fire Chief	1	1	1	1	1
Deputy Fire Marshal	2	2	2	2	2
EMS Coordinator	1	1	1	1	1
Facilities Maintenance Manager	1	1	1	1	1
Finance Manager	1	1	1	1	1
Fire Chief	1	1	1	1	1
Fleet Services Manager	1	1	1	1	1
Human Resources Director	1	1	1	1	1
Information Technology Manager	1	1	1	1	1
Legislative Analyst	1	1	1	1	1
Management Analyst	4	4	4	4	4
Medical Director	1	1	1	1	1
Org & Dev Training Program Manager	1	1	1	1	1
Payroll/Accounts Payable Manager	1	1	1	1	1
Property Manager	1	1	1	1	1
Purchasing & Materials Manager	1	1	1	1	1
Risk Management Analyst	2	2	2	2	2
Risk Management Safety Officer	1	1	1	1	1
Risk Manager	1	1	1	1	1
Senior Accountant	6	6	6	6	6
Senior Human Resources Analyst	3	3	3	3	3
Treasurer	1	1	1	1	1
UNIT TOTAL:	49	49	49	49	49
GRAND TOTAL	1,182	1,182	1,181	1,339	1,339



*Capital Improvement
Program Funds*



Capital Improvement Plan Overview

Introduction

The Orange County Fire Authority's Capital Improvement Program (CIP) has been reviewed and updated through 2017 to coincide with the 2012/13 budget update. The proposed 2012/13 CIP budget is \$26.13 million.

The proposed CIP budget for 2012/13 reflects a net increase of \$9.38 million compared to the prior five-year CIP budget primarily due to rebudgets from 2011/12 to 2012/13 of \$12.28 million which include \$9.31 million for the Public Safety Systems Project. Reductions to the 2012/13 budget include the transfer of \$4.0 million for the construction of Ladera Station 56 to 2013/14 and the deferral of \$885,000 for numerous vehicles to outer years. Also included in the Facilities Maintenance & Improvement Fund 122 are the cash contract city charges for the new Santa Ana stations.

CIP Funds

The OCFA's five-year CIP is organized into four funds. A description of the four funds is located in each section. In the past, major funding sources for the CIP included operating transfers from the General Fund, interest, developer contributions, and contracts with member cities. Lease Purchase Financing Agreements also provide cashflow funding for the CIP. Currently, projects are primarily funded through use of fund balances and then operating transfers in the later years.

CIP Priorities

Executive Management reviewed the proposed five-year plan and established project priorities for the next five years. These priorities were established in the event that budgetary constraints require us to make reductions to the CIP. The projects have been prioritized as follows:

- | | |
|-----------------|--|
| A – Essential | Critical for meeting emergency responses, facilities and systems needs required to support operations. |
| B – Important | Projects that add value to operations, but are not considered essential at this time. |
| C – Could Defer | Projects that could be deferred one to two years without serious consequences. |

CIP Highlights

Fund 122 – Facilities Maintenance & Improvement

2012/13 Budget Request - \$1.69M

- Includes \$951K for scheduled maintenance, repairs and replacements, and alterations and improvements to various stations
 - Includes \$260K for alterations and improvements to cash contract city-owned fire stations
 - Includes \$480K for detached vehicle storage buildings at stations 23 and 32
-

Fund 123 – Facilities Replacement

2012/13 Budget Request - \$2.20M

- Includes \$2.20M for the purchase of Fire Station 41 Air Operations and Maintenance Hangar Facility (Phase II)
-

Fund 124 – Communications & Information Systems Replacement

2012/13 Budget Request - \$14.53M

- Includes rebudgets from 2011/12 for the 911/Telephone System Upgrade (\$828K) and the Public Safety Systems (\$9.31M)
 - Includes various projects related to communications and workplace support such as Communication Equipment Installations (\$229K), Microsoft Software Enterprise Agreement (\$230K) and PC/Laptop/Printer Replacements (\$200K)
 - Includes various projects related to communications and information technology infrastructure such as MDC and Mobile Data Network Infrastructure Upgrade (\$900K) and Wireless Network to Apparatus from Stations (\$327K)
 - Includes various projects related to the GIS system such as Geodatabase Development for Public Safety Systems (\$300K) and Enterprise GIS (\$292K)
-

Fund 133 – Vehicle Replacement

2012/13 Budget Request - \$7.71M

- Includes the purchase of three Type I engines (\$1.58M), three 75' quints (\$3.09M), two Mid-size 4x4 four-door vehicles (\$78K), three Full-size four-door vehicles (\$148K)
 - Includes the purchase of six support vehicles (\$185K)
 - Includes debt payments towards the lease purchase financing agreement for the helicopters (\$2.53M); the lease purchase agreement was refinanced in 2011/12 which lowered the interest rate from 3.76% to 2.58% resulting in savings of approximately \$400K over the remaining seven years of the agreement
-

Capital Improvement Program

ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
FIVE-YEAR PLAN SUMMARY 2012/13 - 2016/17

Fund	2012/13	2013/14	2014/15	2015/16	2016/17	5-Year TOTAL
<i>Fund 122</i> Facilities Maintenance & Improvement	\$1,691,449	\$1,237,614	\$1,264,498	\$1,292,122	\$1,320,505	\$6,806,188
<i>Fund 123</i> Facilities Replacement	2,201,900	4,800,000	-	-	-	7,001,900
<i>Fund 124</i> Communications & Info. Systems Replacement	14,527,733	5,451,800	3,152,500	2,427,500	2,198,038	27,757,571
<i>Fund 133</i> Vehicle Replacement	7,705,693	6,049,200	5,919,026	7,328,726	8,669,588	35,672,233
GRAND TOTAL	\$26,126,775	\$17,538,614	\$10,336,024	\$11,048,348	\$12,188,131	\$77,237,892
Less: Non-discretionary lease installment payments	2,531,723	2,531,723	2,531,723	2,531,723	2,531,723	12,658,615
TOTAL CIP PROJECTS	\$23,595,052	\$15,006,891	\$7,804,301	\$8,516,625	\$9,656,408	\$64,579,277

2012/13 Adopted Budget

**ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
FIVE-YEAR PLAN PROJECT LISTING**

Item No.	Project Priority	Project
----------	------------------	---------

FACILITIES MAINTENANCE & IMPROVEMENT - FUND 122

1	A	Repair and Replacement
2	A	Scheduled Maintenance, Renovation and Replacement
3	B	Alterations and Improvements OCFA Fire Stations
4	B	Alterations and Improvements Cash Contract City Fire Stations
5	C	Fire Station 23 Detached Vehicle Storage Building
6	C	Fire Station 32 Detached Vehicle Storage Building
		<i>Total - Fund 122</i>

FACILITIES REPLACEMENT - FUND 123

1	A	Station 56 (Ortega Valley) - New Station (Developer-funded)
2	A	Station 41 (Fullerton Airport) - Hangar Purchase - Phase II
3	C	Station 20 (Great Park)
		<i>Total - Fund 123</i>

Project Priority: A=Essential; B=Important; C=Could Defer

Capital Improvement Program

Item No.	2012/13	2013/14	2014/15	2015/16	2016/17	5-Year TOTAL
----------	---------	---------	---------	---------	---------	--------------

1	\$274,245	\$281,787	\$289,536	\$297,498	\$305,679	\$1,448,745
2	484,500	497,824	511,514	525,581	540,034	2,559,453
3	192,704	198,003	203,448	209,043	214,792	1,017,990
4	260,000	260,000	260,000	260,000	260,000	1,300,000
5	360,000					360,000
6	120,000					120,000
	\$1,691,449	\$1,237,614	\$1,264,498	\$1,292,122	\$1,320,505	\$6,806,188

1		\$4,800,000				\$4,800,000
2	2,201,900					2,201,900
3			Developer Build			-
	\$2,201,900	\$4,800,000	-	-	-	\$7,001,900

2012/13 Adopted Budget

**ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
FIVE-YEAR PLAN PROJECT LISTING**

Item No.	Project Priority	Project
----------	------------------	---------

COMMUNICATIONS & INFO. SYSTEMS REPLACEMENT - FUND 124

1	A	800 MHz Radios
2	A	900 MHz Pagers, Fax Machines, Audiovisual & Small Equipment Replacement
3	A	Communications Installation/Vehicle Replacement
4	A	Fire Station Telephone/Alarm/Sound System Upgrades
5	A	Mobile Data Computer (MDC) System
6	A	VHF Radios
7	A	Business Systems Server Replacement
8	A	Centralized Data Storage, Backup, and Recovery
9	A	Network Upgrade, Server Consolidation, Security
10	A	911/Telephone System Replacement (cost recovered by 911 funds)
11	A	Enterprise GIS
12	A	Geodatabase Development for Public Safety Systems
13	A	Wireless Network to Apparatus from Stations
14	A	CAD System Planning/Design & Replacement
15	A	Incident Reporting Application Replacement
16	A	Planning & Development Automation-IFP Replacement - FP Fee-funded
17	A	Microsoft Software Enterprise Agreement
18	A	MDC and Mobile Data Network Infrastructure Upgrade
19	A	Regional Interoperability Projects (partially funded through regional co-op cost sharing prog)
20	A	Field Data Collection Devices
21	B	Digital Ortho Photography
22	B	PC, Laptop, Printer Replacements
23	B	Intranet/Internet Development and Support
24	B	GIS Equipment Replacement
25	B	Base Station Radio Replacement
		<i>Total - Fund 124</i>

VEHICLE REPLACEMENT - FUND 133

1	A	Lease Purchase Financing: Principal & Interest
2	A	Emergency Vehicles
3	A	Developer Funded Vehicles
4	B	Support Vehicles
5	B	Extended Warranty/Maintenance Contracts for Cardiac Defibrillator/Monitor
6	B	Defibrillator Replacements
7	B	Helicopter Components
		<i>Total - Fund 133</i>

<i>GRAND TOTAL - ALL CIP FUNDS</i>		
---	--	--

Project Priority: A=Essential; B=Important; C=Could Defer

Capital Improvement Program

Item No.	2012/13	2013/14	2014/15	2015/16	2016/17	5-Year TOTAL
----------	---------	---------	---------	---------	---------	--------------

1	\$42,000	\$61,100	\$70,000	\$31,500	\$51,150	\$255,750
2	45,000	45,000	45,000	45,000	45,000	225,000
3	229,087	307,100	230,500	81,500	173,638	1,021,825
4	90,000	90,000	90,000	90,000	90,000	450,000
5	75,000	117,100	462,500	417,500	75,000	1,147,100
6	15,000	22,500	22,500	65,000	31,250	156,250
7	180,000	200,000	75,000	60,000	60,000	575,000
8	50,000	50,000	20,000	20,000	20,000	160,000
9	25,000	20,000	20,000	20,000	20,000	105,000
10	828,000					828,000
11	292,000	292,000	292,000	292,000	292,000	1,460,000
12	300,000	300,000	300,000	300,000	300,000	1,500,000
13	327,000	327,000				654,000
14	4,743,494	365,000	365,000			5,473,494
15	2,465,801	150,000	150,000			2,765,801
16	2,765,351	150,000	150,000			3,065,351
17	230,000	230,000	230,000	230,000	230,000	1,150,000
18	900,000	2,000,000				2,900,000
19	380,000	380,000	380,000	380,000	380,000	1,900,000
20	200,000					200,000
21		70,000			70,000	140,000
22	200,000	200,000	200,000	285,000	285,000	1,170,000
23	50,000	50,000	50,000	50,000	50,000	250,000
24		25,000			25,000	50,000
25	95,000			60,000		155,000
	\$14,527,733	\$5,451,800	\$3,152,500	\$2,427,500	\$2,198,038	\$27,757,571

1	\$2,531,723	\$2,531,723	\$2,531,723	\$2,531,723	\$2,531,723	\$12,658,615
2	4,902,194	2,226,700	2,642,752	4,413,632	3,530,865	17,716,143
3		643,106				643,106
4	184,818	216,713	505,655	202,220		1,109,406
5	86,958	86,958	83,896	57,151		314,963
6					2,500,000	2,500,000
7		344,000	155,000	124,000	107,000	730,000
	\$7,705,693	\$6,049,200	\$5,919,026	\$7,328,726	\$8,669,588	\$35,672,233

	\$26,126,775	\$17,538,614	\$10,336,024	\$11,048,348	\$12,188,131	\$77,237,892
--	---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

2012/13 Adopted Budget

**ORANGE COUNTY FIRE AUTHORITY
CAPITAL IMPROVEMENT PROGRAM
PROJECTS DEFERRED UNTIL FUNDING IS AVAILABLE**

Project	2012/13	2013/14	2014/15	2015/16	2016/17	6-Year TOTAL
---------	---------	---------	---------	---------	---------	--------------

FACILITIES REPLACEMENT - FUND 123

FS18 (Trabuco Canyon) - Replc FS			\$4,800,000			\$4,800,000
FS9 (Mission Viejo) - Replc FS				4,800,000		4,800,000
FS25 (Midway City) - Replc FS					4,800,000	4,800,000
Total - Fund 123	-	-	\$4,800,000	\$4,800,000	\$4,800,000	\$14,400,000

COMMUNICATIONS & INFO. SYSTEMS REPLACEMENT - FUND 124

Enterprise Reporting & Business Intelligence		\$125,000	\$125,000			\$250,000
Document Management Project		150,000				150,000
Field Data Collection Devices	85,000	542,500				627,500
Virtual Operations Center (VOC)		500,000				500,000
Total - Fund 124	\$85,000	\$1,317,500	\$125,000	-	-	\$1,527,500

VEHICLE REPLACEMENT - FUND 133

Emergency Vehicles	\$2,072,138	\$173,038		\$42,460		\$2,287,636
Developer Funded Vehicles		1,284,149				1,284,149
Support Vehicles	146,023	554,608	31,146			731,777
Total - Fund 133	\$2,218,161	\$2,011,795	\$31,146	\$42,460	-	\$4,303,562
GRAND TOTAL	\$2,303,161	\$3,329,295	\$4,956,146	\$4,842,460	\$4,800,000	\$20,231,062

Fund 122
Facilities Maintenance &
Improvement



This fund is a governmental fund used to account for financial activity associated with significant maintenance and improvement of facilities. This fund's primary sources of revenue are operating transfers from the Fire General Fund and \$15,000 per station contribution from the cash contract member cities.

2012/13 Adopted Budget

List of Fire Stations

Station #	Station Name	Address	Location
#2	Los Alamitos	3642 Green Ave.	Los Alamitos
#4	University	2 California Ave.	Irvine
#5	Laguna Niguel	23600 Pacific Island Dr.	Laguna Niguel
#6	Irvine	3180 Barranca Pkwy.	Irvine
#7	San Juan Capistrano	31865 Del Obispo	San Juan Capistrano
#8	Skyline	10631 Skyline Dr.	Santa Ana (Unincorp.)
#9	So. Mission Viejo	#9 Shops Blvd.	Mission Viejo
#10	Yorba Linda	18422 E. Lemon Dr.	Yorba Linda
#11	Emerald Bay	259 Emerald Bay	Laguna Beach (Unincorp.)
#13 *	La Palma	7822 Walker St.	La Palma
#14	Silverado	P.O. Box 12	Silverado (Unincorp.)
#15 **	Silverado (USFS)	27172 Silverado Canyon Rd.	Silverado (Unincorp.)
#16	Modjeska	28891 Modjeska Canyon Rd.	Silverado (Unincorp.)
#17	Tri-Cities	4991 Cerritos Ave.	Cypress
#18 ***	Trabuco	30942 Trabuco Canyon Rd.	Trabuco Canyon (Unincorp.)
#19	Lake Forest	23022 El Toro Rd.	Lake Forest
#20	Irvine	6933 Trabuco Rd.	Irvine
#21	Tustin	1241 Irvine Blvd.	Tustin
#22	Laguna Hills	24001 Paseo de Valencia	Laguna Woods
#23	Villa Park	5020 Santiago Canyon Rd.	Villa Park
#24	Mission Viejo	25862 Marguerite Pkwy.	Mission Viejo
#25	Midway City	8171 Bolsa Ave.	Midway City (Unincorp.)
#26	Valencia	4691 Walnut Ave.	Irvine
#27	Portola Springs	12400 Portola Springs Rd.	Irvine
#28	Irv. Industrial	17862 Gillette Ave.	Irvine
#29	Doheny	26111 Victoria Blvd.	Dana Point
#30	Niguel	23831 Stonehill Dr.	Dana Point
#31	No. Mission Viejo	22426 Olympiad Rd.	Mission Viejo
#32	East Yorba Linda	20990 Yorba Linda Blvd.	Yorba Linda
#33 ***	Airport Crash	374 Paularino	John Wayne Airport
#34 *	Placentia (Valencia)	1530 N. Valencia	Placentia
#35 *	Placentia (Bradford)	110 S. Bradford	Placentia
#36	Woodbridge	301 E. Yale Loop	Irvine
#37 *	Tustin	14901 Red Hill Ave.	Tustin
#38	Irvine	26 Parker	Irvine
#39	No. Laguna Niguel	24241 Avila Rd.	Laguna Niguel
#40	Coto de Caza	25082 Vista del Verde	Coto de Caza (Unincorp.)
#41 **	Fullerton Airport	3900 Artesia Ave.	Fullerton
#42	Portola Hills	19150 Ridgeline Rd.	Lake Forest
#43 *	Tustin Ranch	11490 Pioneer Way	Tustin
#44 *	Seal Beach	718 Central Ave.	Seal Beach
#45	Santa Margarita	30131 Aventura	Rancho Santa Margarita
#46 *	Stanton	7871 Pacific St.	Stanton
#47	Shady Canyon	47 Fossil	Irvine
#48 *	Seal Beach	3131 Beverly Manor Rd.	Seal Beach
#49	Bear Brand	31461 St. of the Golden Lantern	Laguna Niguel
#50 *	San Clemente	670 Camino de los Mares	San Clemente
#51	Irvine Spectrum	18 Cushing	Irvine
#53	Yorba Linda	25415 La Palma Ave.	Yorba Linda
#54	Foothill Ranch	19811 Pauling Ave.	Lake Forest
#55	Irvine	4955 Portola Parkway	Irvine
#57	Aliso Viejo	57 Journey	Aliso Viejo
#58	Ladera Ranch	58 Station Way	Ladera Ranch
#59 *	San Clemente	48 Avenida La Pata	San Clemente
#60 *	San Clemente	100 Avenida Presidio	San Clemente
#61 *	Buena Park	8081 Western Ave.	Buena Park
#62 *	Buena Park	7780 Artesia Blvd.	Buena Park
#63 *	Buena Park	9120 Holder St.	Buena Park
#64 *	Westminster	7351 Westminster Blvd.	Westminster
#65 *	Westminster	6061 Hefley St.	Westminster
#66 *	Westminster	15061 Moran St.	Westminster
#70*	Santa Ana	2310 N. Old Grand St.	Santa Ana
#71*	Santa Ana	1029 W. 17th St.	Santa Ana
#72*	Santa Ana	1688 E. 4th St.	Santa Ana
#73*	Santa Ana	419 Franklin St.	Santa Ana
#74*	Santa Ana	1427 S. Broadway St.	Santa Ana
#75*	Santa Ana	120 W. Walnut St.	Santa Ana
#76*	Santa Ana	950 W. MacArthur Ave.	Santa Ana
#77*	Santa Ana	2317 S. Greenville St.	Santa Ana
#78*	Santa Ana	501 N. Newhope St.	Santa Ana
#79*	Santa Ana	1320 E. Warner Ave.	Santa Ana

* City-Owned Stations

** Other Leased Stations

*** County-Owned

Capital Improvement Program

Repair and Replacement

Project Priority: A

Project Type: Facilities Maintenance/Improvements

Project Management: Property Management

Project Description: Repair and replacement includes programmed repair/replacement of facilities systems/components and unanticipated, immediate repairs needed to maintain safe, operational fire stations and facilities. The budget amount includes an increase based on an average regional Consumer Price Index (CPI) projection of 2.75%.

Normal requirements include:

- Plumbing
- Apparatus doors
- Station furnishing and appliances
- HVAC/machinery
- Roof replacement and repair
- Structural inspection and repair
- Electrical systems repair
- Concrete and asphalt repair/replacement
- Building exteriors
- Grounds and landscape repair and maintenance
- Fire/life safety systems

Project Status: Programmed repair and replacement is an ongoing process.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5 Yr. Total
<i>Project Cost</i> Maintenance – Buildings & Improvements	\$274,245	\$281,787	\$289,536	\$297,498	\$305,679	\$1,448,745
Total	\$274,245	\$281,787	\$289,536	\$297,498	\$305,679	\$1,448,745

Impact on Operating Budget: Planned repair and replacement of systems minimizes facility systems failures and related costs.

2012/13 Adopted Budget

Scheduled Maintenance, Renovation and Replacement

Project Priority: A

Project Type: Facilities Maintenance/Improvements

Project Management: Property Management

Project Description: Scheduled maintenance provides scheduled, periodic inspection, service, and planned replacement of facilities systems including:

- HVAC/machinery
- Roof systems
- Plumbing systems
- Structural
- Fire/life safety systems
- Grounds and surfaces
- Apparatus doors
- Diesel exhaust extraction

Major system replacements/renovations include:

- Roof replacement
- Concrete and asphalt resurfacing
- Replacement of apparatus bay doors
- Interior/exterior painting
- Replace flooring
- Plumbing re-pipe
- Major electrical components/controls
- Interior renovation/upgrade

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Maintenance – Buildings & Improvements	\$484,500	\$497,824	\$511,514	\$525,581	\$540,034	\$2,559,453
Total	\$484,500	\$497,824	\$511,514	\$525,581	\$540,034	\$2,559,453

Impact on Operating Budget: Scheduled maintenance, renovation and replacement extends the service life of major systems, reduces failure and the cost of emergency repair and replacement.

Capital Improvement Program

Alterations and Improvements-OCFA Fire Stations

Project Priority: B

Project Type: Facilities Maintenance/Improvements

Project Management: Property Management

Project Description: Maintenance may include service and repairs that were not anticipated or included in scheduled maintenance and repair with costs exceeding \$1,000. Alterations and improvements are permanent upgrades to structures, grounds and building systems, necessary to maintain the readiness and serviceability of the fire stations. Projects normally include:

- Structure replacement
- Surface replacement/addition
- Structure addition
- Machinery replacement
- Furniture replacement
- Space renovation/remodel
- Unique projects

Project Status: To maximize cost containment, maintenance, alterations and improvements will be limited to projects determined vital for readiness.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Maintenance – Buildings & Improvements	\$192,704	\$198,003	\$203,448	\$209,043	\$214,792	\$1,017,990
Total	\$192,704	\$198,003	\$203,448	\$209,043	\$214,792	\$1,017,990

Impact on Operating Budget: Alterations and improvements upgrade facilities to current standards; reduce failures, repairs and operating costs.

2012/13 Adopted Budget

Alterations and Improvements-Cash Contract City Fire Stations

Project Priority: B

Project Type: Facilities Maintenance/Improvements

Project Management: Property Management

Project Description: Maintenance and repair requirements over \$1,000 are included in this budget. Alterations and improvements are permanent upgrades to structures, grounds and building systems necessary to maintain the readiness and serviceability of the fire stations. Under the OCFA's Amended Joint Powers Authority Agreement, cash contract cities contribute up to \$15,000 per station for alterations and improvements to their stations.

Project Status: To maximize cost containment efforts, maintenance, alterations and improvements are limited to projects determined vital for readiness.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Maintenance – Buildings & Improvements	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$1,300,000
Total	\$260,000	\$260,000	\$260,000	\$260,000	\$260,000	\$1,300,000

Impact on Operating Budget: Maintenance, alterations and improvements reduce failure, repairs, and operating costs and insure facilities meet OCFA standards.

Capital Improvement Program

Fire Station 23 Detached Vehicle Storage Building

Project Priority: C

Project Type: Storage Building Construction

Project Management: Property Management

Project Description: This project provides for planning, design and construction of a 60' X 40' pre-engineered steel building placed on an improved concrete site at Fire Station 23, 5020 Santiago Canyon Road, Orange, CA 92869. The building will store various fire apparatus currently located outside of the shelter on unimproved dirt/gravel storage at the rear of the station.

Project Status: Planning, design and construction of the building is anticipated to require one year.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Planning and Design						
Construction	\$360,000					\$360,000
Total	\$360,000	-	-	-	-	\$360,000

Impact on Operating Budget: This project will impact General Fund 12150 for normal operation and maintenance.

2012/13 Adopted Budget

Fire Station 32 Detached Vehicle Storage Building

Project Priority: C

Project Type: Storage Building Construction

Project Management: Property Management

Project Description: This project provides for planning, design and construction of a 20' X 40' pre-engineered steel building placed on an improved concrete site at Fire Station 32, 20990 Yorba Linda Blvd., Yorba Linda, CA, 92887. The building will store Fire Tender 32.

Project Status: Planning, design and construction of the building is anticipated to require one year.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Planning and Design						
Construction	\$120,000					\$120,000
Total	\$120,000	-	-	-	-	\$120,000

Impact on Operating Budget: This project will impact General Fund 12150 for normal operation and maintenance.

Fund 123 Facilities Replacement



This fund is for capital expenditure requirements such as replacing sub-standard fire stations, constructing new fire stations, and remodeling of fire stations. Significant funding sources include operating transfers from the Fire General Fund, and contributions or reimbursements from developers responsible for a share of new fire station development costs.

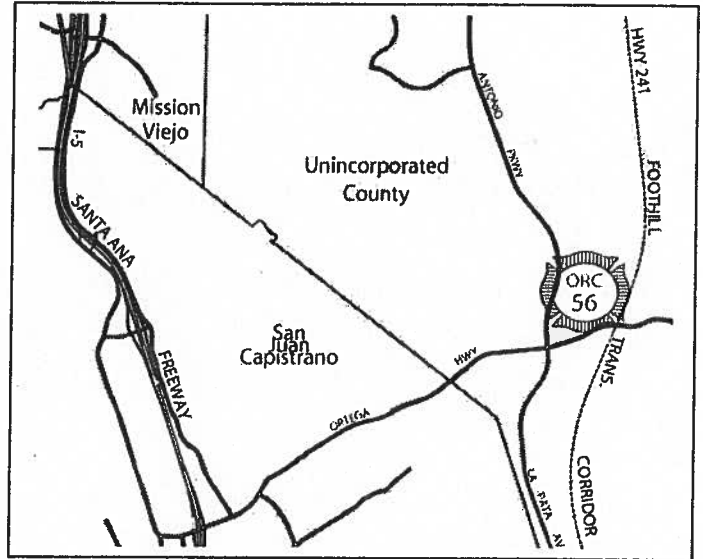
Fire Station 56, Ortega Valley (Developer-Funded)

Project Priority: A

Project Type: New Fire Station Construction

Project Management: Property Management

Project Description: This project provides for the design-build and other administrative costs for construction of new Fire Station 56 located in the Ortega Valley. The new station will provide the capability to house three companies. This is the first time OCFA will employ the design-build delivery method. The project combines previously separate design and construction. The total includes other associated costs including project management, CEQA, geotechnical investigation and administrative fees.



Project Status: The fire station will be based on the OCFA Fire Station Development Guide. Planning and design are scheduled to begin in 2013/14.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Planning, Design & Construction		\$4,800,000				\$4,800,000
Total	-	\$4,800,000	-	-	-	\$4,800,000

Impact on Operating Budget: This project will impact the operating budget for staffing, equipment, normal operations and maintenance costs as it is new construction.

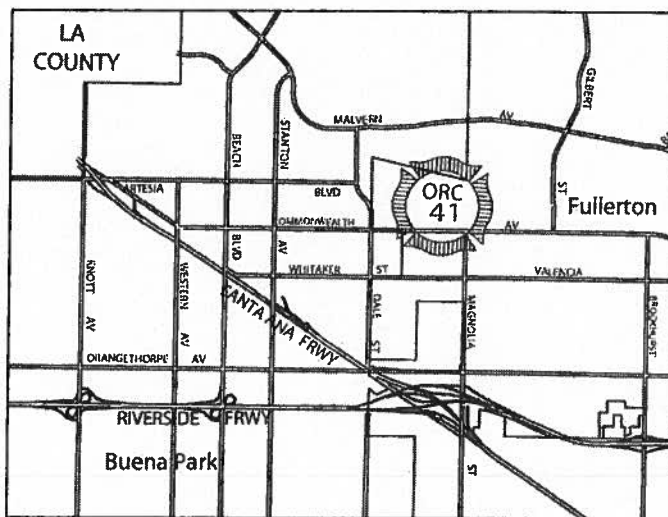
Capital Improvement Program

Fire Station 41, Fullerton Airport Phase II Purchase

Project Priority: A
Project Type: Facility Purchase
Project Management: Property Management

Project Description: This project provides the purchase price for the second half of Fire Station 41, Fullerton Airport Air Operations and Maintenance Hanger Facility.

Project Status: During April 2011, OCFA purchased one-half of a 43,021 square-foot hangar at Fullerton Airport. The purchase agreement provided for OCFA's eventual purchase of the entire facility when occupied portions become available. The amount contained herein represents the funds currently held in escrow to complete that purchase.



Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
Project Cost						
Building Purchase	\$2,201,900					\$2,201,900
Total	\$2,201,900	-	-	-	-	\$2,201,900

Impact on Operating Budget: Operations and maintenance costs are estimated to be about \$19,000 per year.



Fund 124
Communications & Information
Systems Replacement



This fund is a governmental fund used for the replacement of specialized fire communications equipment and information systems. Its primary funding sources are the operating transfers from the Fire General Fund and the use of fund balance.

2012/13 Adopted Budget

800 MHz Radios

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: Radio replacement is required approximately every nine to eleven years due to wear and exposure factors. Generally new radios are installed in new apparatus, and the life of mobile radios corresponds to the life of the apparatus. During the 2007/08 and 2009/10 fiscal years, radios were purchased at a significant savings using grant funding. As a result of the grant purchase, portable radios will not need to be purchased over the next five years. The annual replacement budget has been reduced to accommodate the purchase of mobile radios as needed for installation in new apparatus. Budgeted amounts may need to be adjusted in later years as the economy improves and replacement of apparatus increases.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$42,000	\$61,100	\$70,000	\$31,500	\$51,150	\$255,750
Total	\$42,000	\$61,100	\$70,000	\$31,500	\$51,150	\$255,750

Impact on Operating Budget: Ongoing replacement of radios will help control maintenance costs in the operating budget.

Capital Improvement Program

900 MHz Pagers, Fax Machines, Audiovisual & Small Equipment Replacement

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: The OCFA utilizes about 1,150 pagers, 60 FAX machines, 70 personal communication devices, vehicle intercom components, and several other related small equipment items. Replacement is required approximately every five years because of wear and exposure factors. The components in pagers break down over time and lose critical sensitivity capability needed for optimal performance. The OCFA reserve firefighter personnel use pagers as their primary alerting system for emergency incidents. Their responsibilities require that the pager be reliable 24 hours a day. The budget allows for the annual purchase of replacement pagers, FAX machines, and other small equipment at a cost of about \$200 each.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Office Expense	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000
Total	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000

Impact on Operating Budget: The timely replacement of 900 MHz pagers, fax machines, and other small equipment may result in fewer maintenance expenditures in the operating budget.

Communications Installation/Vehicle Replacement

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: This project provides funding for the installation of communication equipment including radios, mobile data computers, vehicle radio modems, cellular telephones, radio battery chargers, communications electrical systems and automatic vehicle location (AVL) devices, in OCFA vehicles. The schedule and budget for this project parallels the Automotive Vehicle Replacement Plan, and mobile equipment replacement projects such as the MDC replacement project. Due to the number of vehicles scheduled for replacement annually, installation contractors are required to perform this work with direction and oversight by OCFA staff. New complex communications equipment including complex power management systems requires greater technical expertise for a high quality and functional installation.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$229,087	\$307,100	\$230,500	\$81,500	\$173,638	\$1,021,825
Total	\$229,087	\$307,100	\$230,500	\$81,500	\$173,638	\$1,021,825

Impact on Operating Budget: Repair costs are already included in the operating budget.

Capital Improvement Program

Fire Station Telephone/Alarm/Sound System Upgrades

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: Acquisition and installation of new fire station alarm/sound systems and telephone systems are necessary as the equipment becomes old, out-dated, and parts are no longer obtainable. In addition, replacement equipment is more "user-friendly" and more efficient to maintain.

The cost of the systems range from \$10,000 to \$30,000 per station. Cost varies depending upon the station size. The life of these systems is between 12 and 15 years.

The scope and approach to this ongoing project may change following finalization of the Public Safety System design, depending on needs and functionality of the new system.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000
Total	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000

Impact on Operating Budget: The replacement of old equipment may help control maintenance costs included in the operating budget.

Mobile Data Computer (MDC) System

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: The MDCs are used for the delivery of emergency messages, including initial dispatch of fire and paramedic services. The service life for the various MDC components is as follows: the central processing unit (CPU) four to six years; the radio, nine to twelve years; screen and keyboard, three to five years. The total system cost including installation is \$8,900. The cost to replace the CPU, screen, keyboard and related software is about \$5,000.



This budget item reflects replacement of the CPU and software over a two-year period that started in 2009/10. The current computers are approaching seven years old and are experiencing a very high rate of failure. Replacements that occurred in 2009/10 were limited to installation in new vehicles and critical system failures, with the bulk of the project being deferred to 2010/11 to contain costs.

Replacement of the radio component of the MDC system is being deferred and will begin in 2014/15, and will continue into 2015/16. Replacement of the data radio component will be tied to replacement of the MDC backbone infrastructure and must occur concurrently.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$75,000	\$117,100	\$462,500	\$417,500	\$75,000	\$1,147,100
Total	\$75,000	\$117,100	\$462,500	\$417,500	\$75,000	\$1,147,100

Impact on Operating Budget: Replacement of the MDCs may help control maintenance costs included in the operating budget.

VHF Radios

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: This project is for the purchase and replacement of VHF mobile and portable radios. These radios are used for State and mutual aid communications with agencies not on the County 800 MHz radio system. Approximately 800 mobile and portable radios are installed fleet wide. Use of VHF radios ensures communication and enhances the safety of firefighters on automatic and mutual aid responses with the California Department of Forestry (CDF) and the United States Forest Service (USFS) in State and Federal responsibility areas as well as contracts



with agencies outside Orange County. These radios have a useful life of nine years. Budgeted replacement costs are based on the useful life of the existing radio inventory.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Special department expense	\$15,000	\$22,500	\$22,500	\$65,000	\$31,250	\$156,250
Total	\$15,000	\$22,500	\$22,500	\$65,000	\$31,250	\$156,250

Impact on Operating Budget: The replacement of radios helps control maintenance costs included in the operating budget.

2012/13 Adopted Budget

Business Systems Server Replacement

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – IT/Communication Infrastructure

Project Description: This item is an annual, ongoing project to upgrade and/or replace old and out-dated computer servers, which run the business systems. The OCFA currently has 98 servers that support all of the business systems including: Exchange (E-mail), Orange County Fire Incident Reporting System (OCFIRS), Training Records System (TRS), Integrated Fire Prevention (IFP), Automatic Vehicle Location (AVL), Intranet, etc. The servers also support organizational technology infrastructure such as storage area networks (SAN), security systems, and other essential facility systems. The useful life of servers can range from three to five years.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$180,000	\$200,000	\$75,000	\$60,000	\$60,000	\$575,000
Total	\$180,000	\$200,000	\$75,000	\$60,000	\$60,000	\$575,000

Impact on Operating Budget: The replacement of servers may help control maintenance costs in the operating budget and improve application performance.

Capital Improvement Program

Centralized Data Storage, Backup, and Recovery

Project Priority: A

Project Type: New Technology

Project Management: IT – IT/Communication Infrastructure

Project Description: Expand the existing storage area network (SAN) to accommodate the planned move towards server-based centralized storage and backup of critical department information. Information that is currently created and stored on PCs will be stored on servers attached to the SAN centrally where the data is more easily shared and will be backed up to disk and tape, making recovery more reliable. Estimated storage needs of GIS and other image-based data sets are included in this expansion. The upgrade includes multiple backup devices that can back up large volumes of data across multiple servers.

This project will also implement auto archiving of the email database to near line storage through group-based business rules, e-discovery support, and compliance support. Project costs also include associated contracted professional services.

Project Status: Project started in 2007. Items rebudgeted to reflect change in timing of project.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$50,000	\$50,000	\$20,000	\$20,000	\$20,000	\$160,000
Total	\$50,000	\$50,000	\$20,000	\$20,000	\$20,000	\$160,000

Impact on Operating Budget: Annual increase of \$30,000 for hardware/software maintenance costs included in the operating budget.

2012/13 Adopted Budget

Network Upgrade, Server Consolidation, Security

Project Priority: A

Project Type: Equipment Replacement/New Technology

Project Management: IT – IT/Communications Infrastructure

Project Description: Continuation of a project started in the 2007/08 budget year (Gigabit Switch Upgrade) to upgrade the current 100-megabit network to gigabit to accommodate planned increases in utilization. Increased bandwidth needs are largely due to implementation of GIS, centralized storage of departmental data, data collaboration across applications, and online training utilizing streaming media such as video and audio.

Implementation of wireless network functionality in key locations on the RFOTC campus such as classrooms and select conference rooms as well as information kiosks for the public are additional components of the RFOTC Network Upgrade. An extension of this project is implementation of wireless networking technology for Command Post support during major incidents.

Implement software tool sets to support management and audits of system access and security.

Research and implement virtualization to support server consolidation. Phased approach includes test environment, migration to pilot, and then to production. Supports long range goal of virtual environment utilization as a component for Disaster Recovery. Project costs also include associated contracted professional services.

This is a re-budget and an addition of funds to the 2008/09 Gigabit Switch Upgrade for work not completed during the first two years of the project.

Project Status: Completion of a multi-year project

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$25,000	\$20,000	\$20,000	\$20,000	\$20,000	\$105,000
Total	\$25,000	\$20,000	\$20,000	\$20,000	\$20,000	\$105,000

Impact on Operating Budget: Up to \$10,000 increase to hardware/software maintenance costs beginning in 2012/13 due to increased infrastructure.

Capital Improvement Program

911/Telephone System Replacement (cost recovered by 911 funds)

Project Priority: A

Project Type: Equipment Replacement

Project Management: ECC & IT – IT/Communications Infrastructure

Project Description: The OCFA’s ECC 911/telephone system was placed in service in 2004. The system designs available at the time were limited and designed to support a call center or Automatic Call Distribution (ACD) model as opposed to a dispatch model. A new system will support the dispatch model. Because it utilizes Voice over IP (VOIP), it can support decentralized dispatching in a large scale emergency, next generation 911 requirements, and other features that will create efficiencies in the operation of the ECC.

The OCFA receives an annual funding allocation of \$92,000 for equipment supporting the 911 telephone system through the State of California Emergency Telephone Number Program. As a result, the OCFA will be reimbursed for the cost of this project.

Project Status: The 911/Telephone System Replacement is a one-time purchase originally scheduled to be completed in 2010/11, but due to delays with the vendor this project has now been moved to 2012/13.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$828,000					\$828,000
Total	\$828,000	-	-	-	-	\$828,000

Impact on Operating Budget: Annual maintenance costs for the existing system are in the current operating budget. It is unknown at this time if supplemental funding will be required for the new system.

2012/13 Adopted Budget

Enterprise GIS

Project Priority: A

Project Type: New Technology

Project Management: IT - GIS

Project Description: This project is to establish centralized well managed Geographic Information System (GIS) data in an enterprise environment. Funding will cover the following:

- GIS Management, spatial data management
- GIS spatial data maintenance
- District Map Maintenance
- All other map (Division, Battalion, First Due) maint.
- GIS requests (300 – '09, 306 – '10, 308 – '11)
- ArcSDE admin.
- Python scripting + MS SQL scripting, data QC
- Oracle DB admin
- MS SQL server admin.
- Map request system maint. & admin.
- GIS application development
- AVL support
- Public Safety System support
- Training
- ESRI Software licensing (\$46K of \$56K)
- Data Analysis
- SRA/LRA support
- FHSZ support
- Map Coordinator support
- After action reports
- Fire plans

The project will provide the capability to integrate with the OCFA's Computer Aided Dispatch (CAD) and Integrated Fire Prevention (IFP) Applications, Automatic Vehicle Location (AVL), Web Map Viewer, and other GIS centric applications. It will also provide quality data for analysis and reporting.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$292,000	\$292,000	\$292,000	\$292,000	\$292,000	\$1,460,000
Total	\$292,000	\$292,000	\$292,000	\$292,000	\$292,000	\$1,460,000

Impact on Operating Budget: None

Capital Improvement Program

Geodatabase Development for Public Safety Systems

Project Priority: A
Project Type: New Application/Data
Project Management: IT - GIS

Project Description: This budget item provides the necessary funding for the development and improvement of geodatabases, geographic data sources from Global Positioning System (GPS), and Geographic Information System spatial data layers for the 911 System and Public Safety Project. This funding will cover consulting services, data licensing, programming and development, spatial data creation and upgrades, geodatabase quality control, and support workflows for public safety. Included within this project are the upgrade and enhancement for centerline and streets GIS data and the corresponding routing attributes, the rectification and registering of existing OCFA GIS data to the newly-shifted County of Orange parcel and jurisdictional data, the standardization and normalization of public safety geodatabase schemas and domains, and the establishment of consistency with best practices of Fire Industry geodatabase models. Also included within this project is the creation of meta-data to document the OCFA geodatabases. All data, applications, and products developed with these funds will require ongoing maintenance and future updates. This project will enable dispatchers and staff to make more informed and faster decisions to assist in saving lives.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Total	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000

Impact on Operating Budget: No impact

Wireless Network to Apparatus from Stations

Project Priority: A

Project Type: New Technology

Project Management: IT – IT/Communication Infrastructure

Project Description: The wireless network project would create “hot spot” networks at each fire station and the Regional Fire and Operations Training Center (RFOTC). This technology would allow the update of portable and mobile devices such as Mobile Data Computers (MDCs) and tablet PCs electronically and automatically whenever the devices are in range of a “hot spot.” This environment allows the OCFA to take advantage of state of the art technology in Geographic Information System (GIS) mapping, patient care data collection, incident reporting, and fire prevention inspection activities. As new applications are implemented, and interfaces to the network are built, data can be managed automatically via the network saving significant costs through replacement of manual processes such as printing of paper data gathering forms for inspections, data entry of incident reports, and updating of district and special area maps. The system infrastructure will also be used for automated fuel tracking at the fire station fuel pumps. The technology can also be used for data sharing at major incidents linking command vehicles and apparatus at the scene improving the OCFA’s command and control functionality.

Project Status: This reflects the final two years of a three-year project tied to MDC and CAD replacement, and the automated fuel station implementation for the fleet replacement project.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$327,000	\$327,000				\$654,000
Total	\$327,000	\$327,000	-	-	-	\$654,000

Impact on Operating Budget: Fiscal impact can not be determined at this time.

Capital Improvement Program

CAD System Planning/ Design and Replacement

Project Priority: A

Project Type: Application Replacement

Project Management: IT – Systems Development & Support

Project Description: This project is to fund the initial purchase of and supplemental or ‘surge’ professional services necessary to replace the existing out-of-date 911 Computer Aided Dispatch (CAD) System. Primary purchase of the system as part of the overall Public Safety Systems Replacement project is expected to occur in the first quarter of 2012/13. Timeline for installation is not defined at this stage of the project, but is anticipated to take from two to three years. ‘Surge’ expense is expected to be approximately 20% of system purchase price spread across the implementation period.

The current system has been in place since 1987 and is limited in its ability to meet the OCFA’s requirements in the future. Replacement of the system will allow the OCFA to implement a map-based CAD system, as well as provide the capability for other functionality such as response recommendations based on Automatic Vehicle Location (AVL). Concurrent replacement with Orange County Fire Incident Reporting (OCFIRS) and Integrated Fire Prevention (IFP) was recommended in order to take advantage of opportunities to move to a shared data platform. These three projects are referred to as the Public Safety System.

Project Status: RFP completed and released in January 2011. RFP review and onsite demos completed; vendor finalist selection completed in February 2012. Contract award anticipated in July 2012; therefore funding was moved to 2012/13. Five-year project was initiated in 2008/09.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$4,743,494	\$365,000	\$365,000			\$5,473,494
Total	\$4,743,494	\$365,000	\$365,000	-	-	\$5,473,494

Impact on Operating Budget: Application Maintenance/License Costs expected at 15% – 20% of system purchase price and will have an impact on the operating budget in 2013/14 after complete implementation of the project.

Incident Reporting Application Replacement

Project Priority: A

Project Type: Application Replacement

Project Management: IT – Systems Development & Support

Project Description: This project is to fund the initial purchase of and supplemental or ‘surge’ professional services necessary to replace the Incident Reporting application. Primary purchase of the system as part of the overall Public Safety Systems Replacement project is expected to occur in the first quarter of 2012/13. Timeline for installation is not defined at this stage of the project, but is anticipated to take from two to three years. ‘Surge’ expense is expected to be approximately 20% of system purchase price spread across the implementation period.

The IT Strategic Plan study conducted by Gartner Inc. evaluated all of the OCFA’s applications based on their technical stability and how well they were meeting the OCFA’s business needs. The OCFIRS Incident Reporting application was rated poorly in both areas and was recommended for replacement. Gartner Inc. also recommended that the OCFA consider going to bid for an application that would be integrated with either CAD, IFP, or both to improve overall data management within the organization. This budgetary amount is a preliminary estimate and may need revision as requirements are developed.

Project Status: RFP completed and released in January 2011. RFP review and onsite demos completed; vendor finalist selection completed in February 2012. Contract award anticipated in July 2012; therefore funding was moved to 2012/13. Five-year project was initiated in 2008/09.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$2,465,801	\$150,000	\$150,000			\$2,765,801
Total	\$2,465,801	\$150,000	\$150,000	-	-	\$2,765,801

Impact on Operating Budget: Application Maintenance/License Costs expected at 15% – 20% of system purchase price and will have an impact on the operating budget in 2013/14 after complete implementation of the project.

Capital Improvement Program

Planning & Development Automation – IFP Replacement

Project Priority: A

Project Type: Application Replacement

Project Management: IT – Systems Development & Support

Project Description: This project is to fund the initial purchase of and supplemental or ‘surge’ professional services necessary to replace the Integrated Fire Prevention (IFP) application. Primary purchase of the system as part of the overall Public Safety Systems (PSS) Replacement project is expected to occur in the first quarter of 2012/13. Timeline for installation is not defined at this stage of the project, but is anticipated to take from two to three years. ‘Surge’ expense is expected to be approximately 20% of system purchase price spread across the implementation period.

The Integrated Fire Prevention (IFP) application has been scheduled for replacement following a detailed needs assessment and business plan analysis that was conducted in 2005/06. The current application was also evaluated based on the quality of its technology and how well the application was meeting business needs; the application scored poorly in both areas. It was recommended that the OCFA proceed with replacement of the application; however, concurrent replacement with the Orange County Fire Incident Reporting System (OCFIRS) and the Computer Aided Dispatch (CAD) System was recommended in order to take advantage of opportunities to move to a shared data platform. Preliminary analysis indicates the replacement cost for this application will be between \$2.0 million and \$3.0 million.

Fire Prevention fees include funding for this project.

Project Status: RFP completed and released in January 2011. RFP review and onsite demos completed; vendor finalist selection completed in February 2012. Contract award anticipated in July 2012; therefore funding was moved to 2012/13. This five-year project was initiated in 2008/09.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$2,765,351	\$150,000	\$150,000			\$3,065,351
Total	\$2,765,351	\$150,000	\$150,000	-	-	\$3,065,351

Impact on Operating Budget: Application Maintenance/License Costs expected at 15% – 20% of system purchase price and will have an impact on the operating budget in 2013/14 after complete implementation of the project.

Microsoft Software Enterprise Agreement

Project Priority: A

Project Type: Software Upgrade

Project Management: IT – Communications & Workplace Support

Project Description: OCFA uses Microsoft software throughout the organization, both at the desktop and to support systems and infrastructure. Software products at the desktop include: Windows, Office Applications (Word, Excel, Access, Outlook, Powerpoint), Visio, and Project. Infrastructure includes operating system software on most OCFA servers and enterprise products such as Outlook and Exchange, and an assortment of infrastructure management and security systems. Enterprise systems such as SharePoint and all Structured Query Language (SQL) Server Databases used by core applications are also Microsoft products. All of these applications are fully covered for upgrades as they become available and for maintenance and support through a Microsoft Enterprise Agreement.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Office Equipment	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$1,150,000
Total	\$230,000	\$230,000	\$230,000	\$230,000	\$230,000	\$1,150,000

Impact on Operating Budget: None

Capital Improvement Program

MDC and Mobile Data Network Infrastructure Upgrade

Project Priority: A

Project Type: Equipment Replacement

Project Management: IT – IT/Communications Infrastructure

Project Description: The OCFA and the MetroNet jointly own, and the OCFA administers the Countywide Fire Mobile Data Computer Network Infrastructure. This infrastructure consists of redundant network controllers located at the OCFA, mobile data radio repeaters located on mountaintops, and radio communication facilities throughout the County. At year-end of 2012, the current infrastructure will reach its end of life and will no longer be supported by Motorola. This project will determine and implement the best mobile data computer network infrastructure technology to replace the existing environment.

Combined with this project is the closely related and approved project to replace the Mobile Data Network Management system. The ability to manage the mobile data computer network infrastructure which will likely be comprised of multiple low and high-bandwidth wireless networks, both public and private, for MDC's, Data tablets, Smart Phones, and other mobile computing technologies as units move in and out of range is critical to first responders and will be addressed by this project. It will also give staff the ability to remotely manage and update mobile computing devices which improves efficiency and better utilizes limited technical resources.

These two projects are being combined into one overall project to better coordinate and expedite implementation of the next generation Mobile Data Network for the new Public Safety Systems as well as supporting AVL, GPS, OCMEDS, Mobile mapping and other mobile computing technologies.

Staff is currently assessing needs, and will implement a pilot project in 2012 to go live in 2013/14.

It is anticipated that costs will be shared with the MetroNet and possibly other fire agencies in the County. Grant funding may also be available to help with the implementation.

Project Status: Approval pending available funding

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$900,000	\$2,000,000				\$2,900,000
Total	\$900,000	\$2,000,000	-	-	-	\$2,900,000

Impact on Operating Budget: Estimated annual broadband charges will increase approximately \$74,000 annually in 2012/13.

2012/13 Adopted Budget

Regional Interoperability Projects

Project Priority: A

Project Type: Regional Programs

Project Management: IT – GIS & Infrastructure

Project Description: This budget item provides necessary funding for maintenance and data licensing for ongoing support of the Countywide Geographic Information System (GIS) Interoperability Project and the Regional Automatic Vehicle Location (AVL) program. About 40% of these costs will be obtained through cost recovery from other agencies participating in the Public Safety Cooperative.

This project will result in quality AVL and GIS basemap data that will be used and shared by all public safety agencies in the County. The system will provide the OCFA with vehicle locations and high quality data needed for unit recommendation and dispatch of resources following implementation of the new Computer Aided Dispatch System.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$1,900,000
Total	\$380,000	\$380,000	\$380,000	\$380,000	\$380,000	\$1,900,000

Impact on Operating Budget: None

Capital Improvement Program

Field Data Collection Devices

Project Priority: A

Project Type: New Technology

Project Management: IT – Communications & Workplace Support

Project Description: Field data collection devices are ruggedized tablet PCs that will be used by Operations personnel for on-scene data collection. Initially, these devices will be used for the OC-MEDS project for on-scene electronic patient care record collection. These devices may also be used for other applications with implementation of the new Public Safety Systems (PSS) project to improve efficiency and customer service in the field. Initially, the OCMEDS project is being sponsored by County EMS and funded primarily by regional grants, saving OCFA significant start-up costs. On-scene data entry improves service through automated access to EMS protocols and integration with other agencies and hospitals. It will eliminate the need for data entry and processing of paper entries at headquarters, and will result in improved accuracy and confidentiality of data collected. These devices communicate over a broadband network in the field and will use the wireless network hot spots at fire stations for updates and remote management. A need for this functionality was originally identified in the Gartner IT Strategic Planning process. Costs include \$60,000 for fabrication and installation of device charging/storage on apparatus, and device and equipment purchases to supplement grant funded equipment of up to \$140,000. Additional funding may be required in future years to expand field data collection to other sections such as fire prevention and investigations as a result of PSS project requirements.

Project Status: Previously on hold with a full implementation cost of \$827,500. Approved through the IT Governance Process for OCMEDS implementation in 2011.

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$200,000					\$200,000
Total	\$200,000	-	-	-	-	\$200,000

Impact on Operating Budget: Broadband costs of \$60,000 per year are included in the Operating Budget.

Digital Ortho Photography

Project Priority: B

Project Type: New Application/Data

Project Management: IT - GIS

Project Description: Digital Ortho Photography (DOP) provides an accurate record of all physical data that exists in the County and area of service at a given point in time. DOP is important to the OCFA as a management tool for the effective and efficient operation of a number of business needs and for spatial data capture and verification. Some of the OCFA business needs supported by DOP are: Special Area Maps and preplans to guide first responders into difficult areas such as apartment complexes and shopping centers, to provide dispatchers a visual record to facilitate response assignments, to establish a default map viewing context for the Automatic Vehicle Location System (AVL), to facilitate vehicle routing to target locations, to assist in reconstructing and investigating crimes, to more effectively manage urban and wildland interfaces, to quality control addresses for run maps, and to verify pre-existing or non-conforming conditions for inspections.

Project Status: Purchase in 2013/14, and every third year afterwards

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment		\$70,000			\$70,000	\$140,000
Total	-	\$70,000	-	-	\$70,000	\$140,000

Impact on Operating Budget: No Impact.

Capital Improvement Program

PC, Laptop, Printer Replacements

Project Priority: B

Project Type: Equipment Replacement

Project Management: IT – Communications & Workplace Support

Project Description: An evaluation and analysis of the OCFA's Personal Computer inventory by Gartner Inc. during the Information Technology Strategic Plan study indicated that desktop computers were not being replaced as frequently as they should, thereby resulting in increased repair and maintenance costs, varied and incompatible operating systems and software versions, and an inconsistent replacement policy. Gartner recommended that PCs be replaced on a four-year rotation plan. Due to current fiscal constraints, computers that do not support emergency response have been moved back to a five to six year replacement schedule. The PC replacement budget is based on \$1,500 per unit, which includes adequate funding to replace associated printers and peripherals at the same time. It also includes replacement of department-authorized mission-critical laptop computers on an as-needed basis. Starting in 2011/2012, portable computer tablets are being added to the fleet for regional on-scene patient care record entry. Most of the initial devices are grant funded, however starting in 2015/16, funding has been added for ongoing replacement.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$200,000	\$200,000	\$200,000	\$285,000	\$285,000	\$1,170,000
Total	\$200,000	\$200,000	\$200,000	\$285,000	\$285,000	\$1,170,000

Impact on Operating Budget: Deferral of PC replacements beyond four years will increase repair and maintenance costs.

Intranet/Internet Development and Support**Project Priority:** B**Project Type:** New Application/Replacement**Project Management:** IT – Systems Development & Support/GIS

Project Description: This is a multi-year ongoing project to upgrade both the Internet and Intranet applications. The Intranet upgrade will incorporate additional functionality including document management and collaboration capabilities. The Internet upgrade will include integration and data exchange with in-house applications to provide public access to real-time information. This project also includes the enhancement of the recently implemented SharePoint Intranet. SharePoint provides the infrastructure for the new Intranet that enables a single point of access to multiple functions including document storage and management, project collaboration and management, business intelligence (reporting) as well as the integration of the Outlook/Exchange E-mail systems into a single collaboration point for the OCFA staff.

GIS Intranet/Internet integration is a multi-year project to integrate centralized Geographic Information System (GIS) data and standardized mapping functions with both the Internet and Intranet applications. The Intranet upgrade will include mapping functionality that will provide immediate mapping and analysis capabilities to the OCFA staff. The Internet upgrade will include integration with in-house GIS applications to provide public access to real-time information.

Project Status: Multi-year project, plus ongoing enhancements

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Professional Services	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Impact on Operating Budget: No impact.

GIS Equipment Replacement

Project Priority: B

Project Type: Equipment Replacement

Project Management: IT - GIS

Project Description: GIS and mapping activities use large plotters, printers and non-standard output devices. These devices are used to print large wall maps used at fire stations, in the Emergency Command Center (ECC) and during emergency incident planning. These devices require replacement about every three to four years. This line item is for the replacement of these items on an ongoing basis.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment		\$25,000			\$25,000	\$50,000
Total	-	\$25,000	-	-	\$25,000	\$50,000

Impact on Operating Budget: No impact.

Base Station Radio Replacement

Project Priority: B

Project Type: Equipment Replacement

Project Management: IT – IT/Communication Infrastructure

Project Description: OCFA owns 50 base station radios that are used by the dispatchers to communicate with field personnel and other operational agencies during day-to-day and emergency operations. These base station radios have a 9-12 year life. Thirty-eight base station radios were purchased in 2001; nineteen will be purchased in 2011/12 and nineteen in 2012/13. The current cost for these radios is \$5,000 each. The twelve purchased in 2004 will need to be replaced starting 2015/16.

Project Status: Replacement to occur every 9-12 years

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Equipment	\$95,000			\$60,000		\$155,000
Total	\$95,000	-	-	\$60,000	-	\$155,000

Impact on Operating Budget: None

Fund 133

Vehicle Replacement



This fund is a governmental fund used for the planned replacement of fire apparatus and vehicles. Funding sources for this fund include operating transfers from the Fire General Fund, contributions from cash contract member cities, and proceeds from lease purchase agreements.

2012/13 Adopted Budget

ORANGE COUNTY FIRE AUTHORITY FUND 133 - VEHICLE REPLACEMENT LIST OF VEHICLES TO BE REPLACED

Existing Vehicle Number	Current Vehicle Type	Section Assigned to:	2012/13	2013/14	2014/15	2015/16	2016/17
EMERGENCY VEHICLES							
Ambulance							
4032	Ambulance	Operations		\$135,912			
Battalion Chief Command							
2250	BC Command Vehicle	Operations		92,294			
2251	BC Command Vehicle	Operations		92,294			
2252	BC Command Vehicle	Operations		92,294			
5253	BC Command Vehicle	Operations		92,294			
2254	BC Command Vehicle	Operations		92,294			
2255	BC Command Vehicle	Operations					100,852
2256	BC Command Vehicle	Operations					100,852
2257	BC Command Vehicle	Operations					100,852
Dozer Transport Tractor							
5064	Dozer Transport Tractor	Operations					195,328
Leased Vehicles							
2348	Full-Size - Leased	Exec. Mgmt			11,107	11,107	11,107
2349	Full-Size - Leased	Exec. Mgmt			11,107	11,107	11,107
2370	Full-Size - Leased	Exec. Mgmt			11,107	11,107	11,107
2371	Full-Size - Leased	Exec. Mgmt			11,107	11,107	11,107
2372	Full-Size - Leased	Exec. Mgmt			11,107	11,107	11,107
2373	Full-Size - Leased	Exec. Mgmt			11,107	11,107	11,107
Mid-Size 4x4 4-Door							
2155	Mid-Size 4x4 4-Door	Operations	38,857				
2156	Mid-Size 4x4 4-Door	Operations	38,857				
2159	Mid-Size 4x4 4-Door	Operations			41,224		
2162	Mid-Size 4x4 4-Door	Operations				42,460	
2164	Mid-Size 4x4 4-Door	Operations				42,460	
2165	Mid-Size 4x4 4-Door	Operations				42,460	
2166	Mid-Size 4x4 4-Door	Operations				42,460	
2167	Mid-Size 4x4 4-Door	Operations				42,460	
2168	Mid-Size 4x4 4-Door	Operations				42,460	
2169	Mid-Size 4x4 4-Door	Operations				42,460	
2170	Mid-Size 4x4 4-Door	Operations				42,460	
Full-Size 4-Door							
2141	Full-Size 4-Door	Operations	49,173				
2144	Full-Size 4-Door	Operations	49,173				
2145	Full-Size 4-Door	Operations	49,173				
2360	Full-Size 4-Door	Operations			52,167		
2361	Full-Size 4-Door	Operations			52,167		
2362	Full-Size 4-Door	Operations			52,167		
2363	Full-Size 4-Door	Operations			52,167		
2364	Full-Size 4-Door	Operations			52,167		
2365	Full-Size 4-Door	Corp. Comm.			52,167		
2366	Full-Size 4-Door	Operations			52,167		
2367	Full-Size 4-Door	Operations			52,167		
2368	Full-Size 4-Door	Operations			52,167		
2369	Full-Size 4-Door	Operations			52,167		

Capital Improvement Program

ORANGE COUNTY FIRE AUTHORITY
FUND 133 - VEHICLE REPLACEMENT
LIST OF VEHICLES TO BE REPLACED

Existing Vehicle Number	Current Vehicle Type	Section Assigned to:	2012/13	2013/14	2014/15	2015/16	2016/17
Paramedic Van							
4027	Paramedic Van	Operations			111,693		
4028	Paramedic Van	Operations			111,693		
4029	Paramedic Van	Operations			111,693		
4105	Paramedic Van	Operations				115,044	
4106	Paramedic Van	Operations				115,044	
4107	Paramedic Van	Operations				115,044	
4108	Paramedic Van	Operations				115,044	
4109	Paramedic Van	Operations				115,044	
4110	Paramedic Van	Operations					118,495
4111	Paramedic Van	Operations					118,495
4112	Paramedic Van	Operations					118,495
4113	Paramedic Van	Operations					118,495
4114	Paramedic Van	Operations					118,495
Type 1 Engine							
5137	Type 1 Engine	Operations	527,287				
5134	Type 1 Engine	Operations	527,287				
5135	Type 1 Engine	Operations	527,287				
5204	Type 1 Engine	Operations		543,106			
5201	Type 1 Engine	Operations		543,106			
5202	Type 1 Engine	Operations		543,106			
5207	Type 1 Engine	Operations			559,339		
5156	Type 1 Engine	Operations			559,399		
5157	Type 1 Engine	Operations			559,399		
5203	Type 1 Engine	Operations				576,181	
5212	Type 1 Engine	Operations				576,181	
5128	Type 1 Engine	Operations				576,181	
5133	Type 1 Engine	Operations				576,181	
5205	Type 1 Engine	Operations					593,466
5206	Type 1 Engine	Operations					593,466
5208	Type 1 Engine	Operations					593,466
5213	Type 1 Engine	Operations					593,466
Truck - 75' Quint							
5093	Truck - 75' Quint	Operations	1,031,700				
5104	Truck - 75' Quint	Operations	1,031,700				
5111	Truck - 75' Quint	Operations	1,031,700				
5132	Truck - 75' Quint	Operations				1,127,366	
Total Emergency Vehicles			\$4,902,194	\$2,226,700	\$2,642,752	\$4,413,632	\$3,530,865

DEVELOPER FUNDED VEHICLES

Type 1 Engine							
Station 56	Type I Engine	Operations		643,106			
Total Developer Funded Vehicles			-	\$643,106	-	-	-

2012/13 Adopted Budget

ORANGE COUNTY FIRE AUTHORITY FUND 133 - VEHICLE REPLACEMENT LIST OF VEHICLES TO BE REPLACED

Existing Vehicle Number	Current Vehicle Type	Section Assigned to:	2012/13	2013/14	2014/15	2015/16	2016/17
SUPPORT VEHICLES							
Full-Size Cargo Van							
4335	Full-Size Cargo Van	Audio Visual			41,641		
4337	Full-Size Cargo Van	Comm Services			41,641		
4338	Full-Size Cargo Van	Comm Services			41,641		
4339	Full-Size Cargo Van	Comm Services			41,641		
Mid-Size Cargo Van							
2204	Mid-Size Cargo Van	Comm Services	30,000				
4101	Mid-Size Cargo Van	Fire Prevention		30,900			
Minivan Passenger							
4100	Minivan Passenger	Corp. Comm.				27,863	
Service Truck - Light							
3007	Service Truck - Light	Comm Services				60,349	
Service Truck - Heavy							
5389	Service Truck - Heavy	Fleet Services		59,132			
Step Van							
4301	Step Van	Materiel Mgmt.			55,344		
4302	Step Van	Materiel Mgmt.			55,344		
4303	Step Van	Materiel Mgmt.				57,004	
4304	Step Van	Materiel Mgmt.				57,004	
Mid-Size 4-Door							
2160	Mid-Size 4-Door	Fire Prevention	33,372				
2161	Mid-Size 4-Door	EMS	33,372				
Pickup General - 1/2 Ton							
2208	Pickup General - 1/2 Ton	Fleet Services			41,527		
Mid-Size Pickup - 1/2 Ton							
3109	Mid-Size Pickup - 1/2 Ton	Fire Prevention			31,146		
3150	Mid-Size Pickup - 1/2 Ton	Fire Prevention			31,146		
3225	Mid-Size Pickup - 1/2 Ton	Fire Prevention			31,146		
3227	Mid-Size Pickup - 1/2 Ton	Fire Prevention			31,146		
2260	Mid-Size Pickup - 1/2 Ton	Fire Prevention	29,358				
2264	Mid-Size Pickup - 1/2 Ton	Fire Prevention	29,358				
2266	Mid-Size Pickup - 1/2 Ton	Fire Prevention	29,358				
2340	Mid-Size Pickup - 1/2 Ton	Community Educ.			31,146		
2341	Mid-Size Pickup - 1/2 Ton	Community Educ.			31,146		
Pickup General 3/4 Ton							
3465	Pickup General - 3/4 Ton	Fleet Services		42,227			
3466	Pickup General - 3/4 Ton	Fleet Services		42,227			
3467	Pickup General - 3/4 Ton	Fleet Services		42,227			
Total Support Vehicles			\$184,818	\$216,713	\$505,655	\$202,220	-
TOTAL VEHICLES			\$5,087,012	\$3,086,519	\$3,148,407	\$4,615,852	\$3,530,865

Capital Improvement Program

**ORANGE COUNTY FIRE AUTHORITY
FUND 133 - VEHICLE REPLACEMENT**

LIST OF VEHICLES TO BE DEFERRED UNTIL FUNDING IS AVAILABLE

Vehicle Number	Current Vehicle Type	Section Assigned to:	2012/13	2013/14	2014/15	2015/16	2016/17
EMERGENCY VEHICLES							
Mid-Size 4x4 4-Door							
2157	Mid-Size 4X4 4-Door	Operations	\$38,857				
2158	Mid-Size 4X4 4-Door	Operations	38,857				
2163	Mid-Size 4X4 4-Door	Operations				42,460	
Crew Cab- Swift Water Vehicle							
3008	Crew Cab - Swift Water Vehicle	Operations	70,097				
3041	Crew Cab - Swift Water Vehicle	Operations	70,097				
3043	Crew Cab - Swift Water Vehicle	Operations	70,097				
3044	Crew Cab - Swift Water Vehicle	Operations	70,097				
Dozer Transport Tractor							
5063	Transport Tractor	Operations	173,547				
Dozer Transport Trailer							
6146	Trailer-Dozer Transport	Operations		53,430			
Dump Truck							
5387	Dump Truck	Operations		119,608			
Grader							
7208	Grader	Operations	216,469				
Pickup Utility - 3/4 Ton							
3204	Pickup Utility - 3/4 Ton	Operations	40,786				
3205	Pickup Utility - 3/4 Ton	Operations	40,786				
3206	Pickup Utility - 3/4 Ton	Operations	40,786				
Type 3 Engine							
	Type 3 Engine	Operations	400,554				
	Type 3 Engine	Operations	400,554				
	Type 3 Engine	Operations	400,554				
Total Emergency Vehicles			\$2,072,138	\$173,038	-	\$42,460	
DEVELOPER FUNDED VEHICLES							
Tractor -drawn aerial Quint - 100'							
	Station 20 Quint	Operations		1,284,149			
Total Developer Funded Vehicles			-	\$1,284,149	-	-	-
SUPPORT VEHICLES							
Fuel Tender							
5313	Fuel Tender	Fleet Services		202,312			
Stakeside							
5388	Stakeside	Materiel Mgmt	76,981				
Mid Size 4x4 4-Door							
2267	Mid Size 4x4 4-Door	Materiel Mgmt	34,521				
3101	Mid Size 4x4 4-Door	Fire Prevention	34,521				

2012/13 Adopted Budget

**ORANGE COUNTY FIRE AUTHORITY
FUND 133 - VEHICLE REPLACEMENT**

LIST OF VEHICLES TO BE DEFERRED UNTIL FUNDING IS AVAILABLE

Vehicle Number	Current Vehicle Type	Section Assigned to:	2012/13	2013/14	2014/15	2015/16	2016/17
Mid Size Pickup - 1/2 Ton							
2261	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2262	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2263	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2301	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2302	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2303	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2304	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2317	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
2318	Mid Pickup-1/2 Ton	Property Mgmt		29,358			
2319	Mid Pickup-1/2 Ton	Property Mgmt		29,358			
3009	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
3110	Mid Pickup-1/2 Ton	Fire Prevention			31,146		
3230	Mid Pickup-1/2 Ton	Fire Prevention		29,358			
Total Support Vehicles			\$146,023	\$554,608	\$31,146	-	-
TOTAL VEHICLES			\$2,218,161	\$2,011,795	\$31,146	\$42,460	-

Capital Improvement Program

Ambulances

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The ambulances are used to transport injured or sick persons to the closest receiving hospital. This project is for the replacement of one ambulance with one new ambulance.

Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager



The age and mileage targets for ambulances are four years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2013/14

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)		\$135,912				\$135,912
Total	-	\$135,912	-	-	-	\$135,912

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Battalion Chief (BC) Command Vehicles

Project Priority: A
Project Type: Vehicle Replacement
Project Management: Fleet Services Manager

Project Description: Each of the eight battalions is assigned a command vehicle. This vehicle is equipped with cell phones, Mobile Data Computers (MDCs), and a slide-out working station to manage any large incident. This project is for the replacement of eight command vehicles with five new BC command vehicles in 2013/14 and three new BC command vehicles in 2016/17.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for BC command vehicles are five years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2013/14 and 2016/17

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)		\$461,470			\$302,556	\$764,026
Total	-	\$461,470	-	-	\$302,556	\$764,026

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

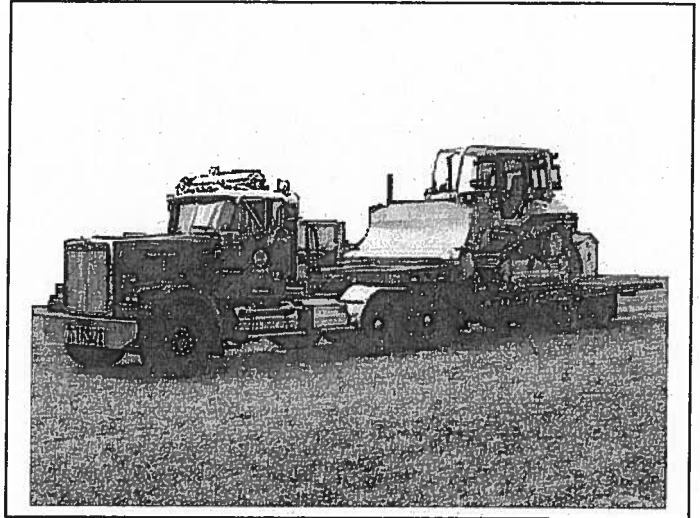
Dozer Transport Tractor

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The dozer transport tractor is designed for hauling heavy equipment, specifically bull dozers. This project is for the replacement of one dozer transport tractor with one new dozer transport tractor.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for dozer transport tractors are 15 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2016/17; deferred from 2011/12 due to low mileage

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)					\$195,328	\$195,328
Total	-	-	-	-	\$195,328	\$195,328

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

2012/13 Adopted Budget

Leased Vehicles Agreements

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The monthly lease payments for six vehicles are based on the following agreements:

- 36 month leases to replace six vehicles, of which four were donated.

Project Status: New leases to begin in 2014/15; deferred from 2013/14

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)			\$66,642	\$66,642	\$66,642	\$199,926
Total	-	-	\$66,642	\$66,642	\$66,642	\$199,926

Impact on Operating Budget: Because the vehicles are new, many of the repairs would be covered under warranty and therefore may help control maintenance costs in the operating budget.

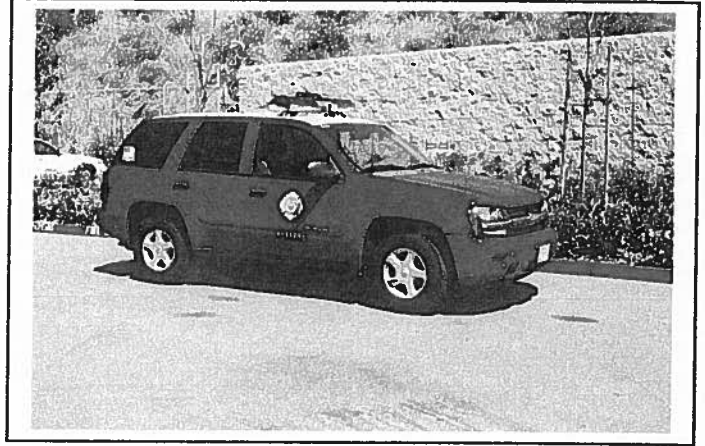
Mid-Size 4x4 4-Door Vehicles

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The mid-size 4x4 4-door vehicles are used by staff in the Operations Department that need the versatility of a 4x4 to complete their specific assignments (e.g. safety officers). This project is for the replacement of eleven mid-size 4x4 4-door vehicles with two in 2012/13, one in 2014/15, and eight in 2015/16.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for mid-size 4x4 4-door vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2012/13, 2014/15, and 2015/16

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$77,714		\$41,224	\$339,680		\$468,618
Total	\$77,714	-	\$41,224	\$339,680	-	\$458,618

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Full-Size 4-Door Vehicles

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The full-size 4-door vehicle is used by all staff Battalion Chiefs and Division Chiefs. These vehicles are frequently used in Battalion Command situations similar to BC Command Vehicles. This project is for the replacement of thirteen full-size 4-door vehicles with thirteen new full-size 4-door vehicles as follows: three vehicles scheduled in 2012/13 and ten vehicles scheduled in 2014/15.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for full-size 4-door vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2012/13 and 2014/15

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5- Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$147,519		\$521,670			\$669,189
Total	\$147,519	-	\$521,670	-	-	\$669,189

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Paramedic Vans

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The paramedic van is an ambulance-type vehicle staffed with two certified paramedics. This unit carries a full complement of paramedic equipment. This project is for the replacement of thirteen paramedic vans with three new paramedic vans in 2014/15, five new paramedic vans in 2015/16 and 2016/17.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for paramedic vans are four years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2014/15, 2015/16 and 2016/17

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)			\$335,079	\$575,220	\$592,475	\$1,502,774
Total	-	-	\$335,079	\$575,220	\$592,475	\$1,502,774

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Type 1 Engines

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The Type 1 engine carries hose, water, and a pump used primarily for structure fires. Most fire stations contain one or more of these units. This project is for the replacement of seventeen Type 1 engines as follows: three in 2012/13, three in 2013/14, three in 2014/15, four in 2015/16 and four in 2016/17.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for Type 1 engines are 15 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur annually

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$1,581,861	\$1,629,318	\$1,678,137	\$2,304,724	\$2,373,864	\$9,567,904
Total	\$1,581,861	\$1,629,318	\$1,678,137	\$2,304,724	\$2,373,864	\$9,567,904

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Trucks – 75’ Quints

Project Priority: A

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The 75’ quint apparatus is more maneuverable than the 90’ quint and is utilized in tighter communities. The 75’ quint is used to provide search and rescue, roof ventilation, elevated water streams, salvage, overhaul operations, and carry all the applicable tools needed for these tasks. This apparatus also has a 75’ aerial platform, 300-gallon water tank, and a fire pump similar to a fire engine. This project is for the replacement of four 75’ quint.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for trucks - 75’ quint are 17 years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2012/13 and 2015/16; two in 2012/13 deferred from 2011/12

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Emergency)	\$3,095,100			\$1,127,366		\$4,222,466
Total	\$3,095,100	-	-	\$1,127,366	-	\$4,222,466

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Type 1 Engine – Developer Funded

Project Priority: A
Project Type: Vehicle Replacement
Project Management: Fleet Services Manager

Project Description: The Type 1 engine carries hose, water, and a pump used primarily for structure fires. Most fire stations contain one or more of these units. This apparatus is the same as our replacement Type I engines; however, this apparatus is funded by a local developer and includes hose and other equipment. This project is for the purchase of one Type 1 engine in 2013/14 for station 56 (Ortega Valley).



Project Status: Purchase to occur in 2013/14

Description	2012/13	2013/14	2014/15	2015/16	2016/17	Project Total
<i>Project Cost</i>						
Vehicles (Emergency)		\$643,106				\$643,106
Total	-	\$643,106	-	-	-	\$643,106

Impact on Operating Budget: The addition of a Type 1 engine to the vehicle fleet is considered a significant, non-recurring expenditure, which will increase annual service and maintenance costs in the operating budget by approximately \$3,500 per year during the five-year warranty period. After the warranty period, the annual service and maintenance costs are expected to increase to approximately \$7,000 per year. Funds are included in the Five-Year Financial Forecast starting in 2014/15 for this engine.

Full-Size Cargo Vans

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These vehicles are used in a number of OCFA's sections such as Information Systems. Depending on the vehicle's application, it can be used for transportation and storage of components specific to each section's needs (i.e., computer components, miscellaneous tools to facilitate repairs or haul specific equipment). This project is for the replacement of four full-size cargo vans with four new full-size cargo vans in 2014/15.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for full-size cargo vans are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2014/15

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)			\$166,564			\$166,564
Total	-	-	\$166,564	-	-	\$166,564

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Mid-Size Cargo Vans

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These vehicles are primarily used by Planning and Development to transport plans and materials. This project is for the replacement of two mid-size cargo vans with one new mid-size cargo van scheduled in 2012/13 and one in 2013/14.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for mid-size cargo vans are seven years and/or 120,000 miles. The projection for the replacement of these vehicles is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2012/13 and 2013/14

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$30,000	\$30,900				\$60,900
Total	\$30,000	\$30,900	-	-	-	\$60,900

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Capital Improvement Program

Minivan - Passenger

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: Minivan-passenger vehicles are used in sections such as Community Relations and Education Services. These units are utilized by staff to carry educational materials, and also to transport people to and from functions. Project costs include the replacement of one minivan-passenger vehicle with one new minivan-passenger vehicle in 2015/16.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for minivan-passenger vehicles are seven years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2015/16

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)				\$27,863		\$27,863
Total	-	-	-	\$27,863	-	\$27,863

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Service Truck - Light Vehicle

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: Service trucks – light vehicles are used for field service throughout the department for both heavy and light apparatus in the fleet. These units are also sent out of county if technicians are requested on large campaign fires. This project is for the replacement of one service truck - light vehicle with one new service truck - light vehicle.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for service truck - light vehicles are 10 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2015/16

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)				\$60,349		\$60,349
Total	-	-	-	\$60,349	-	\$60,349

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Service Truck – Heavy Vehicle

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The service truck – heavy vehicles carries large quantities of oil and a welder, providing the ability to service vehicles at fire stations or on large fires. This project is for the replacement of one service truck – heavy vehicle with one new service truck – heavy vehicle.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for service truck – heavy vehicles are 18 years and/or 120,000 miles. The projection for the replacement of this vehicle is based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2013/14

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)		\$59,132				\$59,132
Total	-	\$59,132	-	-	-	\$59,132

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Step Vans

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These vehicles are used by the Materiel Management section for the interdepartmental mail delivery and pick-up. Project costs include the replacement of four step vans with four new step vans: two in 2014/15 and two in 2015/16.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for step vans are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2014/15 and 2015/16

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)			\$110,688	\$114,008		\$224,696
Total	-	-	\$110,688	\$114,008	-	\$224,696

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Mid-Size 4-Door Vehicles

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: The mid-size 4-door vehicles are used by management and supervisory staff in a variety of support staff positions that need the versatility of a 4-door vehicle to complete their specific assignments and support the operations of their specific sections. This project is for the replacement of two mid-size 4-door vehicles with two new mid-size 4-door vehicles in 2012/13.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for mid-size 4-door vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2012/13

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)	\$66,744					\$66,744
Total	\$66,744	-	-	-	-	\$66,744

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

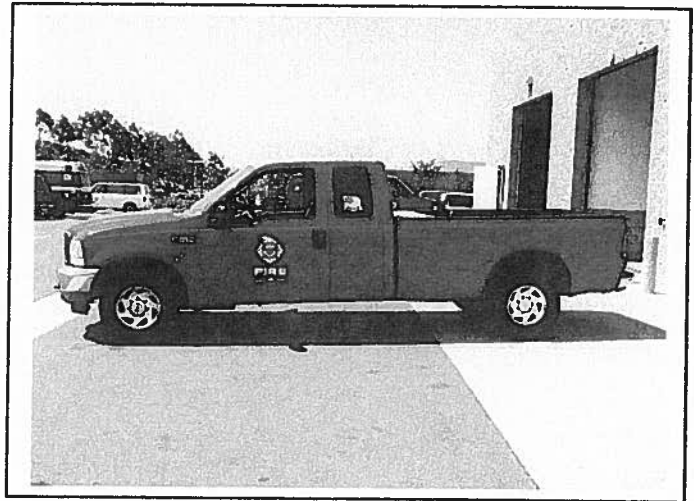
Pickup General – 1/2 Ton Vehicles

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These units are utilized by sections that need adequate cargo space. This project is for the replacement of one pickup general – 1/2 ton vehicle with one new pickup general – 1/2 ton vehicle in 2014/15.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for pickup general – 1/2 ton vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2014/15; deferred from 2011/12

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)			\$41,527			\$41,527
Total	-	-	\$41,527	-	-	\$41,527

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Capital Improvement Program

Mid-Size Pickup-1/2 Ton Vehicles

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These vehicles are primarily used by the Fire Prevention Department to conduct off-site inspections. This project is for the replacement of nine mid-size pickup-1/2 ton vehicles with nine new mid-size pickup-1/2 ton vehicles; three in 2012/13 and six in 2014/15.

Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager



The age and mileage targets for mid-size pickup-1/2 ton vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchases to occur in 2012/13 and 2014/15

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
Project Cost						
Vehicles (Support)	\$88,074		\$186,876			\$274,950
Total	\$88,074	-	\$186,876	-	-	\$274,950

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Pickup General – 3/4 Ton Vehicles

Project Priority: B

Project Type: Vehicle Replacement

Project Management: Fleet Services Manager

Project Description: These units are utilized by sections that need adequate cargo space. This project is for the replacement of three pickup general – 3/4 ton vehicles with three new pickup general – 3/4 ton vehicles in 2013/14.



Vehicle replacement evaluation is based on the following criteria:

- Actual miles of the vehicles
- Actual years of operation compared to expected years
- Evaluation of mechanical condition by the Fleet Services Manager
- Evaluation of the maintenance costs by the Fleet Services Manager

The age and mileage targets for pickup general – 3/4 ton vehicles are seven years and/or 120,000 miles. The projections for the replacement of these vehicles are based on age. However, mileage will be reviewed before a purchase is made, and the purchase may be deferred if warranted.

Project Status: Purchase to occur in 2013/14

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)		\$126,681				\$126,681
Total	-	\$126,681	-	-	-	\$126,681

Impact on Operating Budget: The replacement of older vehicles with high mileage reduces maintenance costs in the operating budget.

Capital Improvement Program

Defibrillator Replacements

Project Priority: B

Project Type: Defibrillator Replacement

Project Management: Emergency Medical Services

Project Description: This significant, non-routine project is the planned replacement of approximately 80 defibrillators every sixth year. Defibrillators are automated devices that deliver a strong electric shock to patients with abnormal heart rhythm in order to restore a normal heart rhythm. The scheduled replacement of defibrillators will be necessary to maintain compliance with projected changes in Treatment Guideline regulations, as well as provide improved technology.

Project Status: Replacements to begin in 2016/17

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Vehicles (Support)					\$2,500,000	\$2,500,000
Total	-	-	-	-	\$2,500,000	\$2,500,000

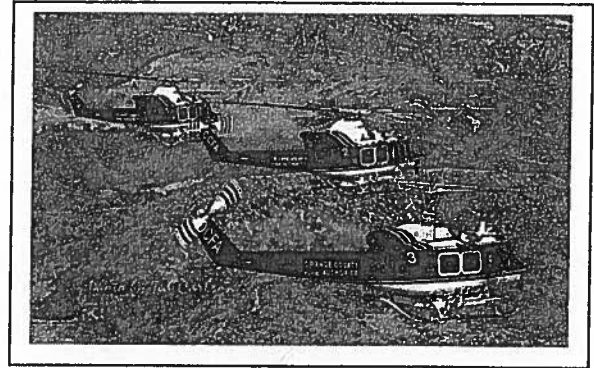
Impact on Operating Budget: There is no impact to the operating budget, which already includes \$20K for repairs that are not covered by the warranty.

Helicopter Components

Project Priority: B

Project Type: Helicopter Component Replacement

Project Management: Special Operations



Project Description: This project will serve two purposes. First, it will purchase aircraft enhancements for our aircraft in the form of FastFins and Flight Directors. The FastFin system will improve the performance of our helicopters when working in hover operations, particularly at higher temperatures. This system will improve the margin of safety as well as the aircraft's performance in these situations during hoist operations where the aircraft are at a hover. The FastFin System compliments the Strakes that were already purchased and are on our aircraft when we purchased them. The OCFA desired to purchase the FastFin System when we originally acquired our 412s but they were not yet approved for the aircraft. The FastFin system now comes on all new Bell 412 aircraft as standard equipment making our current tail boom obsolete. The FastFin System also improves crosswind performance capabilities and reduces fuel consumption during hoist operations. The system also improves payload (the amount of weight the aircraft carries) and reduces airframe fatigue which can result in lower maintenance costs. The second enhancement will be the purchase of Flight Directors. The Flight Director Control System will improve helicopter handling and augment stability during rescue and firefighting operations. It also reduces pilot workload in poor visibility conditions.

The second part of this project is to develop an inventory of vital helicopter replacement components such critical instruments required for flight operations, cross and skid tubes and tail rotor blades.

The role of the OCFA helicopters is to provide rescue and firefighting capability within the boundaries of Orange County. Helicopters are essential tools in remote rescue situations, wildland response, and flood emergencies.

Project Status: Ongoing

Description	2012/13	2013/14	2014/15	2015/16	2016/17	5-Yr. Total
<i>Project Cost</i>						
Helicopter Components		\$344,000	\$155,000	\$124,000	\$107,000	\$730,000
Total	-	\$344,000	\$155,000	\$124,000	\$107,000	\$730,000

Impact on Operating Budget: The purchase of the enhancements will lower maintenance costs through reduced airframe fatigue, which will also reduce fuel consumption. The scheduled replacement and immediate availability of helicopter components will ensure immediate aircraft readiness and control of the maintenance costs in the operating budget.