

Telecommunication Services

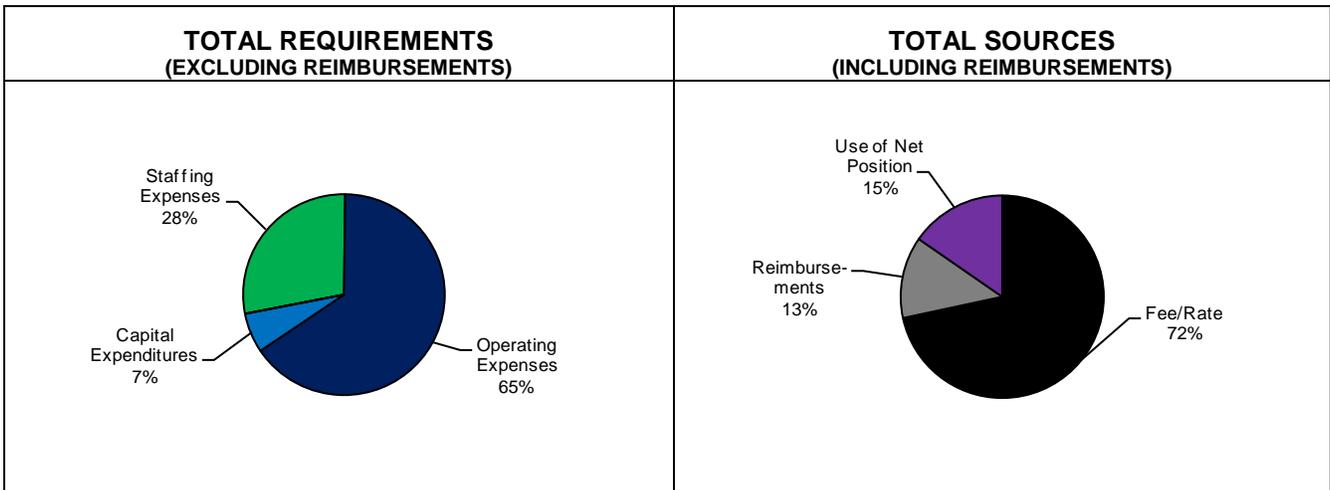
DESCRIPTION OF MAJOR SERVICES

The Telecommunication Services Division (Division) provides for the design, operation, maintenance and administration of the County's telecommunication phone network; the County's Regional Public Safety Radio System that integrates all Countywide sheriff, police and fire emergency radio dispatch capabilities; paging system; and the Wide Area Network (WAN) that securely joins County users together for the efficient use of technology. The Division manages the County's microwave system that provides transport capabilities for each of the individual systems listed above. This budget unit is an internal service fund, which allows for unrestricted net position available at fiscal year-end to be carried over to the next fiscal year to be used as working capital or for replacement of fixed assets and capital improvement projects.

Budget at a Glance	
Total Requirements (Excl. Reimb.)	\$41,157,643
Total Sources (Incl. Reimb.)	\$34,838,991
Use of / (Contribution To) Net Position	\$6,318,651
Total Staff	100

The County's Regional Public Safety Radio System is in the process of being upgraded. Ongoing Discretionary General Funding of \$17.9 million continues to be allocated for the upgrade project. The estimated cost of the project is \$158.2 million. \$101.9 million has been funded to date and an additional \$26.4 million is funded in 2016-17. Approximately \$71.9 million has been expended to date. During 2016-17, the top priorities of the project continue to center on construction and implementation of new radio equipment buildings and towers in strategic locations which help to enhance signal coverage, and the continued installation of upgraded microwave radio equipment to interlink dispatch centers with public safety agencies and responders throughout the County.

2016-17 RECOMMENDED BUDGET



ANALYSIS OF 2016-17 RECOMMENDED BUDGET

GROUP: Administration
DEPARTMENT: Information Services
FUND: Telecommunication Services

BUDGET UNIT: IAM ALL
FUNCTION: General
ACTIVITY: Other General

	2012-13	2013-14	2014-15	(A) 2015-16	2015-16	(B) 2016-17	(B-A)
	Actual	Actual	Actual	Modified Budget	Estimate	Recommended Budget	Change From Prior Year Modified Budget
Requirements							
Staffing Expenses	9,566,422	9,783,573	9,916,345	11,609,629	10,577,968	11,625,099	15,470
Operating Expenses	18,582,267	21,593,329	18,847,230	26,098,097	21,594,827	26,902,349	804,252
Capital Expenditures	3,778,000	2,716,351	1,788,967	4,508,615	3,941,339	2,630,195	(1,878,420)
Total Exp Authority	31,926,689	34,093,253	30,552,542	42,216,341	36,114,134	41,157,643	(1,058,698)
Reimbursements	(5,813,558)	(5,877,488)	(6,306,560)	(6,240,543)	(6,409,457)	(5,360,821)	879,722
Total Appropriation	26,113,131	28,215,765	24,245,982	35,975,798	29,704,677	35,796,822	(178,976)
Operating Transfers Out	205,948	0	0	0	0	0	0
Total Requirements	26,319,079	28,215,765	24,245,982	35,975,798	29,704,677	35,796,822	(178,976)
Sources							
Taxes	0	0	0	0	0	0	0
Realignment	0	0	0	0	0	0	0
State/Fed/Other Government	0	0	0	0	0	0	0
Fee/Rate	25,699,407	25,919,917	27,230,421	29,533,178	28,315,615	29,478,170	(55,008)
Other Revenue	351,500	94,531	230,977	0	25,141	0	0
Total Revenue	26,050,907	26,014,448	27,461,398	29,533,178	28,340,756	29,478,170	(55,008)
Operating Transfers In	0	0	0	0	0	0	0
Total Financing Sources	26,050,907	26,014,448	27,461,398	29,533,178	28,340,756	29,478,170	(55,008)
Net Position							
Use of/ (Contribution to) Net Position	268,172	2,201,317	(3,215,416)	6,442,620	1,363,921	6,318,652	(123,969)
Est. Net Position Available						9,896,797	
Total Est. Unrestricted Net Position						16,215,449	
Budgeted Staffing*	92	96	98	100	100	100	0

*Data represents modified budgeted staffing

Note: Unlike governmental funds, the 2015-16 Modified Budget and Estimate columns do not include information on Estimated Net Position Available or Total Estimated Unrestricted Net Position because GAAP requires that internal service and enterprise funds include line items such as depreciation, which are not budgeted, in the Net Position calculation.

MAJOR REQUIREMENTS AND SOURCES IN 2016-17 RECOMMENDED BUDGET

Staffing Expenses of \$11.6 million fund positions that are responsible for the maintenance and administration of the County's telephone network, radio system, paging system, WAN and the Countywide microwave system. Operating Expenses of \$26.9 million include application development support and maintenance and facilities costs of \$579,589 and services and supplies of \$16.8 million for telephone, radio system, WAN and other communications related costs including computer software, application development enhancements, and equipment maintenance. Also included in Operating Expenses are transfers out of \$9.4 million to fund capital improvement projects, internal cost allocation, and costs associated with shared positions.

Sources of \$29.5 million include revenue from Board of Supervisors' approved Fees/Rates for services the Division provides, including telephone, wide area network, microwave transport, and radio systems to internal and external departments and agencies.

BUDGET CHANGES AND OPERATIONAL IMPACT

Requirements are decreasing by \$178,976 primarily due to one-time costs in 2015-16 to upgrade technology in the Board Chambers and hardware expenses for the WAN upgrade project, offset by an increase in Operating Expenses due to equipment maintenance costs.

Sources are decreasing by \$55,008 due to service rate decreases.



ANALYSIS OF NET POSITION

The use of \$6.3 million of Net Position funds one-time capital improvement projects for radio communication sites and the new ISD warehouse (\$3.0 million), a three-year agreement paid in full in the first year for Countywide Cisco maintenance and support (\$2.4 million) for which customers reimburse ISD annually, and fixed assets for unplanned customer requests and voice over internet protocol (VoIP) conversions (\$900,000).

2016-17 POSITION SUMMARY*

Division	2015-16				2016-17		Limited	Regular
	Modified Staffing	Adds	Deletes	Re-Orgs	Recommended			
Data Cabling	14	0	0	1	15	0	15	
Management Services	7	0	-1	-1	5	0	5	
Transport Operations	8	0	0	0	8	0	8	
Radio Access	20	1	0	0	21	1	20	
Radio Subscriber Maintenance	3	0	0	2	5	0	5	
Time and Materials	4	0	0	-2	2	0	2	
Telephone Operations	30	0	0	0	30	0	30	
Wide Area Network	8	0	0	0	8	0	8	
Warehouse Operations	6	0	0	0	6	0	6	
Total	100	1	-1	0	100	1	99	

*Detailed classification listing available in Appendix D.

STAFFING CHANGES AND OPERATIONAL IMPACT

Staffing Expenses of \$11.6 million fund 100 budgeted positions of which 99 are regular positions and one is a limited term position.

Changes in budgeted staffing include the addition of one Extra-Help System Support Analyst III due to increased workload for the Public Safety Radio upgrade project.

One Staff Analyst II position has been deleted and moved to the Computer Operations budget unit.

