

Telecommunication Services

DESCRIPTION OF MAJOR SERVICES

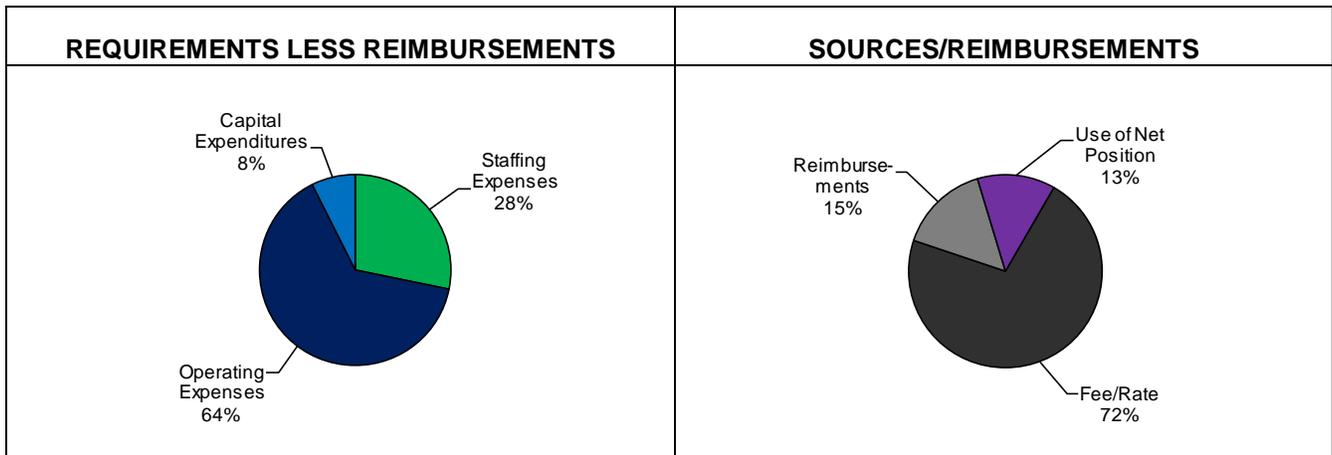
The Telecommunication Services Division (Division) provides for the design, operation, maintenance, and administration of the County's telecommunication phone network; the County's Regional Public Safety Radio System that integrates all Countywide sheriff, police, and fire emergency radio dispatch capabilities; 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 net assets 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	
Requirements Less Reimbursements	\$41,112,337
Sources/Reimbursements	\$35,773,721
Use of / (Contribution To) Net Position	\$5,338,616
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. \$84.0 million has been funded to date and an additional \$26.4 million is funded in 2015-16. Approximately \$47.5 million has been expended to date. The County has received and deployed radio equipment from Motorola at various sites. The primary focus of this project for 2015-16 will be to receive and install microwave equipment to complete the upgrade of the microwave system portion of the project.

Other initiatives for the Division are to upgrade the WAN backbone infrastructure to increase bandwidth to accommodate additional web-based applications such as the new Financial Accounting and Land Use enterprise systems.

2015-16 RECOMMENDED BUDGET



ANALYSIS OF 2015-16 RECOMMENDED BUDGET

GROUP: Administration
DEPARTMENT: Information Services
FUND: Telecommunication Services

BUDGET UNIT: IAM ALL
FUNCTION: General
ACTIVITY: Telephone and Radio Services

	2011-12 Actual	2012-13 Actual	2013-14 Actual	2014-15 Estimate	2014-15 Modified Budget	2015-16 Recommended Budget	Change From 2014-15 Modified Budget
Requirements							
Staffing Expenses	9,359,269	9,566,422	9,783,573	10,078,524	11,349,808	11,609,629	259,821
Operating Expenses	17,628,456	18,582,267	21,593,329	20,469,890	21,625,001	26,457,708	4,832,707
Capital Expenditures	3,458,037	3,778,000	2,716,351	2,746,867	3,550,000	3,045,000	(505,000)
Total Exp Authority	30,445,762	31,926,689	34,093,253	33,295,281	36,524,809	41,112,337	4,587,528
Reimbursements	(5,417,235)	(5,813,558)	(5,877,488)	(6,350,924)	(6,674,976)	(6,240,543)	434,433
Total Appropriation	25,028,527	26,113,131	28,215,765	26,944,357	29,849,833	34,871,794	5,021,961
Operating Transfers Out	1,028,498	205,948	0	0	0	0	0
Total Requirements	26,057,025	26,319,079	28,215,765	26,944,357	29,849,833	34,871,794	5,021,961
Sources							
Taxes	0	0	0	0	0	0	0
Realignment	0	0	0	0	0	0	0
State, Fed or Gov't Aid	196,774	0	0	0	0	0	0
Fee/Rate	22,978,092	25,699,407	25,919,917	27,432,842	28,622,266	29,533,178	910,912
Other Revenue	(17,628)	351,500	94,531	163,354	0	0	0
Total Revenue	23,157,238	26,050,907	26,014,448	27,596,196	28,622,266	29,533,178	910,912
Operating Transfers In	2,032,392	0	0	0	0	0	0
Total Sources	25,189,630	26,050,907	26,014,448	27,596,196	28,622,266	29,533,178	910,912
Net Position							
Use of/ (Contribution to) Net Position	867,395	268,172	2,201,317	(651,839)	1,227,567	5,338,616	4,111,049
Est. Net Position Available					14,669,139	11,209,929	(3,459,210)
Total Net Position					15,896,706	16,548,545	651,839
Budgeted Staffing*	97	92	96	98	98	100	2

*Data represents modified budgeted staffing

MAJOR EXPENDITURES AND REVENUE IN 2015-16 RECOMMENDED BUDGET

Major expenditures for 2015-16 include staffing expenses and operating expenses. 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, Wide Area Network, and the Countywide microwave system. Operating expenses of \$26.5 million include services and supplies of \$13.5 million for telephone, radio system, WAN, and other communications related costs, including computer software, application development support and maintenance, and equipment maintenance. Also included in operating expenses are transfers out of \$12.2 million to fund capital improvement projects, internal cost allocation, and costs associated with shared positions.

Sources of \$29.5 million include Board of Supervisor's approved fee/rate revenue 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 increasing by \$5.0 million primarily due to a capital improvement project for additional warehouse space that will include specialty vehicle storage and office space, increased costs for circuit bandwidth capacity from telephone companies and maintenance, and support costs for telephone VOIP equipment and the elimination of County department reimbursements for maintenance and support costs for network equipment.

Sources are increasing by \$910,912 due to service rate and customer utilization increases and cost recovery for customer maintenance and support of network equipment requirements previously reimbursed as transfers to ISD.



ANALYSIS OF NET POSITION

Beginning net position for 2015-16 is \$16.5 million and available net position is \$11.2 million which reflects the use of net position of \$5.3 million for one-time funding of capital improvement projects and fixed asset requirements. This budget unit recovers \$2.6 million in depreciation via service rates to contribute to net assets to cover replacement of fixed assets. Any surplus of revenues received in excess of expenditures are contributed to net assets to fund future one-time capital improvement expenditures and fixed assets requirements.

2015-16 POSITION SUMMARY*

Division	2014-15				2015-16		Limited	Regular
	Modified Staffing	Adds	Deletes	Re-Orgs	Recommended			
Data Cabling	15	0	0	0	15	0	15	
Management Services	6	0	0	0	6	0	6	
Transport Operations	8	0	0	0	8	0	8	
Radio Access	18	3	-1	0	20	0	20	
Radio Subscriber Maintenance	4	0	-1	2	5	0	5	
Time and Materials	4	0	0	-2	2	0	2	
Telephone Operations	29	1	0	0	30	0	30	
Wide Area Network	8	0	0	0	8	0	8	
Warehouse Operations	6	1	-1	0	6	0	6	
Total	98	5	-3	0	100	0	100	

*Detailed classification listing available in Appendix D

STAFFING CHANGES AND OPERATIONAL IMPACT

Staffing expenses of \$11.6 million fund 100 net budgeted regular positions. Changes in budgeted staffing include the addition of the following 5 regular budgeted positions due to an increased workload for telecommunication projects, radio repair and installation, radio services, and warehouse operations:

- 1 Telecommunications Engineer II
- 1 Communications Technician I
- 1 800 MHz Analyst
- 1 System Support Analysts III
- 1 Equipment Parts Specialist I

In addition to the staffing increases above, the following 3 regular positions were deleted to align positions and assigned functions with the appropriate division and as a result of an assessment of the Division's workload:

- 1 Multimedia Coordinator
- 1 Storekeeper
- 1 Network Analyst

Lastly, 3 Network Analyst positions are being reclassified to 3 System Support Analyst III positions to reflect the assigned responsibilities and duties of the positions.

