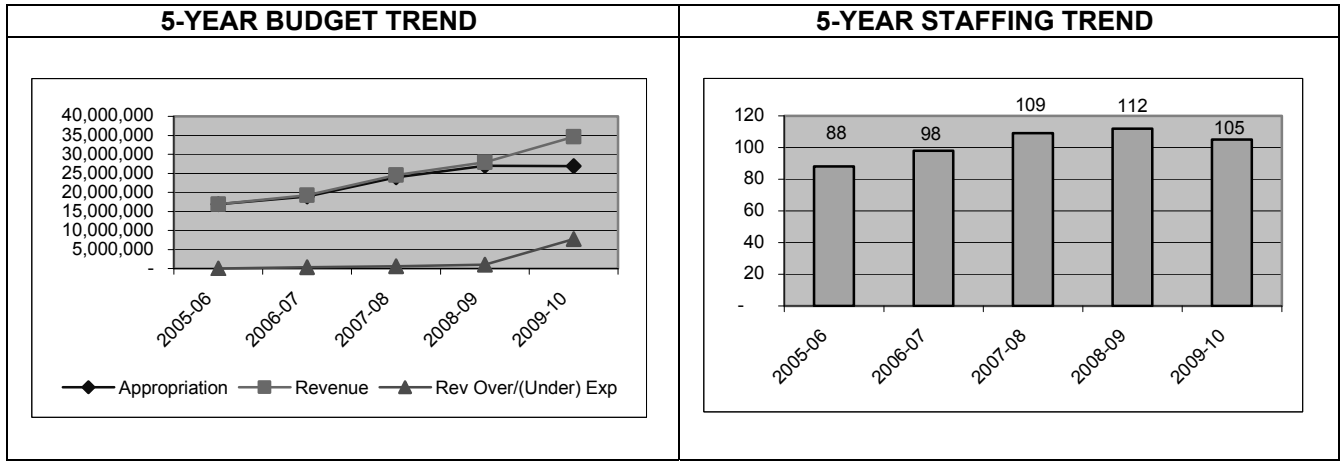


## Telecommunication Services

### DESCRIPTION OF MAJOR SERVICES

The Telecommunication Services division provides for the design, operation, maintenance and administration of the largest county-operated telecommunications phone network in the country; the county's Regional Public Safety Radio System that integrates all countywide sheriff, police and fire emergency radio dispatch capabilities; the paging system that consists of over 7000 pagers; and the Wide Area Network (WAN) that securely joins approximately 18,000 county users together for the efficient use of technology. The Information Services Department (ISD) manages a countywide microwave system (64 sites) that provides transport capabilities for each of the individual systems listed above.

### BUDGET HISTORY



### PERFORMANCE HISTORY

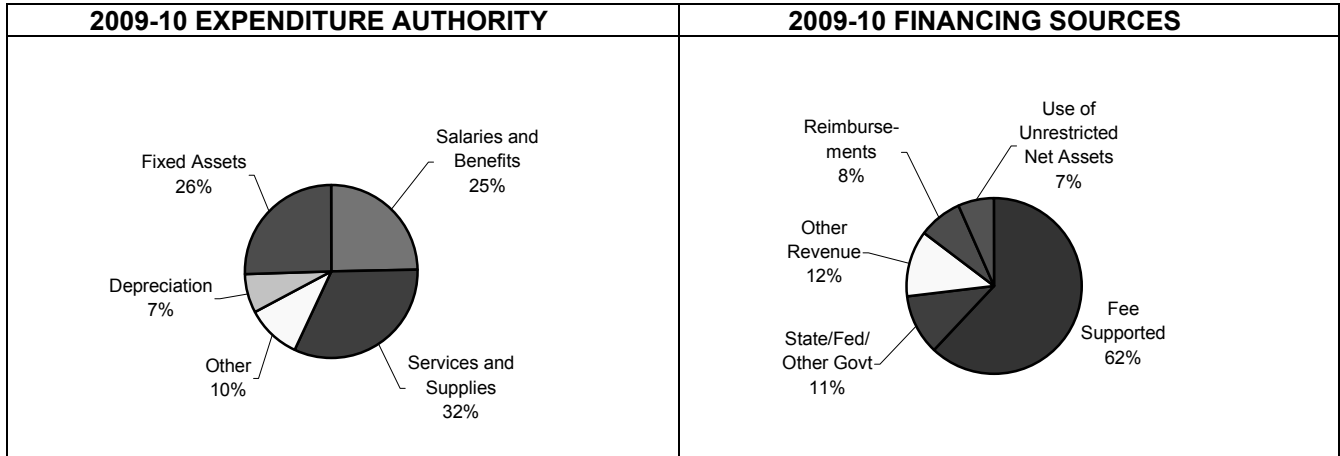
	2005-06 Actual	2006-07 Actual	2007-08 Actual	2008-09 Modified Budget	2008-09 Actual
Appropriation	17,033,607	19,377,032	23,082,851	28,720,581	24,450,846
Departmental Revenue	18,937,846	19,298,549	28,493,283	36,440,027	27,410,111
Revenue Over/(Under) Exp	1,904,239	(78,483)	5,410,432	7,719,446	2,959,265
Budgeted Staffing				112	
Fixed Assets	1,592,092	1,921,570	3,922,429	10,868,307	3,410,962
Unrestricted Net Assets Available at Year End	7,278,886	5,919,423	7,375,827		10,909,442

Actual appropriation for 2008-09 is less than modified budget due to vacant position salary savings resulting from difficulties in recruiting information technology and radio positions.

Actual departmental revenue for 2008-09 is also less than modified budget as a result of a decrease in the demand for data cabling services, communications installations and repairs, and electronic maintenance services.



**ANALYSIS OF FINAL BUDGET**



As a result of the current economic condition, the 2009-10 budget was impacted by a salary reduction. This reduction resulted in a decrease of \$423,898 to appropriation and the details are listed in the following schedule. Budgeted staffing was reduced by 8 positions, 5 of which are filled and the remainder is vacant.

**IMPACTS DUE TO BUDGET REDUCTIONS**

Brief Description of Budget Impact	Budgeted Staffing	Appropriation	Departmental Revenue	Revenue Over/(Under) Exp
Salary Reduction Reduction made to salaries and benefits - the division reviewed its operations and determined that the network monitoring functions could be absorbed by other work groups, as a result the department deleted 1 vacant Staff Analyst I, 1 vacant Network Control Supervisor, and 6 Network Control Specialists, of which 1 is vacant and 5 are filled.	(8)	(423,898)	-	423,898
<b>Total</b>	<b>(8)</b>	<b>(423,898)</b>	<b>-</b>	<b>423,898</b>

The preceding reductions were incorporated in to the departmental budget and are reflected in the following schedule that details the budget by appropriation unit.



GROUP: Administrative/Executive  
DEPARTMENT: Information Services  
FUND: Telecommunication Services

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

	2005-06 Actual	2006-07 Actual	2007-08 Actual	2008-09 Actual	2008-09 Final Budget	2009-10 Final Budget	Change From 2008-09 Final Budget
<b>Appropriation</b>							
Salaries and Benefits	7,564,905	8,558,782	9,645,381	9,877,199	10,969,991	10,073,455	(896,536)
Services and Supplies	8,375,805	9,453,580	11,660,426	11,517,467	12,746,084	12,732,235	(13,849)
Central Computer	58,296	63,274	64,812	100,438	101,246	103,679	2,433
Travel	-	-	-	96,468	214,185	159,000	(55,185)
Other Charges	370	-	74	-	-	-	-
Transfers	1,819,285	2,375,860	2,485,585	4,372,528	3,044,149	4,181,739	1,137,590
Total Exp Authority	17,818,661	20,451,496	23,856,278	25,964,100	27,075,655	27,250,108	174,453
Reimbursements	(1,328,090)	(1,847,679)	(1,920,493)	(3,703,368)	(2,416,138)	(3,277,641)	(861,503)
Total Appropriation	16,490,571	18,603,817	21,935,785	22,260,732	24,659,517	23,972,467	(687,050)
Depreciation	543,036	773,215	1,147,066	2,146,707	2,146,707	2,890,516	743,809
Operating Transfers Out	-	-	-	43,407	143,407	43,407	(100,000)
Total Requirements	17,033,607	19,377,032	23,082,851	24,450,846	26,949,631	26,906,390	(43,241)
<b>Departmental Revenue</b>							
Use of Money and Prop State, Fed or Gov't Aid	47,823	(22,460)	2,088	22,571	-	-	-
Current Services	18,847,360	19,303,150	25,771,613	24,739,776	25,902,236	25,102,572	(799,664)
Other Revenue	42,663	17,859	1,012	3,014	-	288,399	288,399
Total Revenue	18,937,846	19,298,549	25,778,748	25,417,906	25,902,236	29,886,558	3,984,322
Operating Transfers In	-	-	2,714,535	1,992,205	2,032,392	4,723,622	2,691,230
Total Financing Sources	18,937,846	19,298,549	28,493,283	27,410,111	27,934,628	34,610,180	6,675,552
Rev Over/(Under) Exp	1,904,239	(78,483)	5,410,432	2,959,265	984,997	7,703,790	6,718,793
				Budgeted Staffing	112	105	(7)
<b>Fixed Assets</b>							
Land	-	-	-	-	200,000	200,000	-
Improvement to Structures	-	-	-	-	123,000	123,000	-
Equipment	1,547,480	1,921,570	3,887,617	3,369,920	3,640,858	10,028,141	6,387,283
Vehicles	-	-	34,812	41,042	120,000	40,000	(80,000)
L/P Equipment	44,612	-	-	-	-	-	-
Total Fixed Assets	1,592,092	1,921,570	3,922,429	3,410,962	4,083,858	10,391,141	6,307,283

Salaries and benefits of \$10,073,455 fund 105 budgeted positions and are decreasing by 7 budgeted staffing and \$896,536 primarily resulting from the salary reductions of 8 positions previously mentioned, which are offset by the addition of 1 Public Service Employee based on planned projects for data cabling services in 2009-10.

Services and supplies of \$12,732,235 primarily fund telephone and communications related costs and services, and are decreasing by \$13,849 as a result of savings due to telephone company cost reductions.

Travel of \$159,000 reflects anticipated travel costs in the areas of private mileage, air travel, hotel, car rental, and conference fees and are decreasing by \$55,185 based on budget reductions.

Transfers of \$4,181,739 fund internal ISD administration and overhead costs, including costs associated with Human Resources functions. The \$1,137,590 increase is primarily due to the addition of intra-fund transfers for services between budget units to track intra-fund costs.

Reimbursements of \$3,277,641 represent payments of administrative costs by individual service departments within the Telecommunication Services budget unit. The \$861,503 increase is due to the addition of intra-fund transfers for services between budget units.

Depreciation of \$2,890,516 is increasing by \$743,809 per the department's depreciation schedule.

Operating transfers out of \$43,407 fund the reimbursement of one-time policy item funding to the general fund received for the disaster recovery project.

Revenue of \$29,886,558 includes the following services: telephone, voicemail, toll free 800 numbers, rack space rental, pagers, 800 MHz radio access/maintenance, Mobile Data Computer access, Dispatch Console maintenance, communication installation labor, electronic maintenance labor, and WAN service charges. The increase of \$3,984,322 is the result of \$1,781,696 in Public Safety Interoperable Communications (PSIC) grant funding for dispatch console replacement, anticipated service demand, and projected revenues from the West End Communications Authority (WECA) radio access and maintenance services.

Operating transfers in of \$4,723,622 represent general fund financing of the 800 MHz radio program. The increase of \$2,691,230 is primarily due to the addition of funding from retained earnings to fund the dispatch console replacement project.

Fixed Assets of \$10,391,141, an increase of \$6,307,283, include the following new equipment/improvement needs as detailed below:

- Replacement of obsolete dispatch consoles - \$6,277,283.
- Vehicular radio system test equipment - \$160,000, to be purchased from Motorola, a sole source vendor.
- WECA digital system upgrades - \$250,000, to be purchased from Motorola, a sole source vendor.
- Trunked Simulcast Conversion equipment - \$325,000, to be purchased from Motorola, a sole source vendor.
- Radio system test equipment and enhancement - \$515,000, to be purchased from Motorola, a sole source vendor.
- Upgrades for existing Private Branch eXchange (PBX) hardware - \$300,000.
- Upgrades of microwave system hardware - \$148,089; microwave test equipment - \$75,000, to be purchased from Harris Microwave, a sole source vendor.
- Replacement of end-of-life CISCO hardware for the WAN - \$618,769.
- Acquisition of land to install an additional microwave site to transmit 800 MHz radio and telephone signals - \$200,000.
- Equipment in the event of catastrophic events/unplanned requirements to be expended only as needed - \$600,000.
- Switch replacements to replace obsolete equipment - \$200,000.
- A warehouse delivery van - \$40,000.
- Capital improvement costs to enhance ISD warehouse facilities - \$123,000.
- WAN redesign equipment consisting of the following: backbone hardware - \$375,000; data center switch enhancement - \$84,000; WAN acceleration equipment - \$100,000.