

Cable Communications

LOB #260:

INSTITUTIONAL NETWORK

Purpose

The Department of Cable and Consumer Services administers financial support for the County Institutional Network (I-Net) managed by the Department of Information Technology. The I-Net includes nearly 2,500 miles of fiber-optic lines, linking over 400 County and Fairfax County Public Schools locations and is funded by Public, Educational, and Governmental (PEG) capital access grants derived from the cable franchises, allowing the County to avoid buying comparable services on the commercial market.

Description

The Department of Cable and Consumer Services administers financial support for the I-Net. The Department of Information Technology manages the I-Net, the backbone of the County Enterprise-Wide Network providing video, voice, and high-speed data services.

Staff from the Department of Cable and Consumer Services and the Department of Information Technology meet regularly on I-Net requirements to ensure that adequate funding is available to support both ongoing expenses associated with running the I-Net and required equipment refresh updates. Both departments monitor system requirements and associated expenditures required to properly support the active I-Net and optimize network performance to ensure that I-Net equipment can handle current technical demands and can be maintained in a cost-effective manner.

Benefits

The Department of Information Technology oversees day-to-day management of the I-Net Line of Business. Please refer to the Technology Infrastructure LOB #302 in Fund 60030, Technology Infrastructure Services for additional information.

Mandates

The County is authorized to negotiate cable franchises and regulate cable systems under the Cable Communications Policy Act of 1984, as amended, 47 U.S.C. § 521 *ff.*, and Code of Virginia Ann. Title 15.2, *Counties, Cities and Towns*, Chapter 21, *Franchises; Sale and Lease of Certain Municipal Public Property; Public Utilities*, § 15.2-2108.20, *Authority to grant negotiated cable franchises and regulate cable systems*.

Cable franchising and regulation is governed by the Fairfax County Code Chapter 9.1, *Communications*.

Trends and Challenges

The Department of Information Technology oversees day-to-day management of the I-Net Line of Business. Please refer to the Technology Infrastructure LOB #302 in Fund 60030, Technology Infrastructure Services for additional information.

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Resources

Category	FY 2014 Actual	FY 2015 Actual	FY 2016 Adopted
LOB #260: Institutional Network			
FUNDING			
<u>Expenditures:</u>			
Compensation	\$338,254	\$345,999	\$356,581
Benefits	115,386	117,541	120,626
Operating Expenses	2,277,301	3,866,943	3,034,999
Capital Equipment	0	0	50,000
Total Expenditures	\$2,730,941	\$4,330,483	\$3,562,206
Total Revenue	\$0	\$0	\$0
POSITIONS			
Authorized Positions/Full-Time Equivalent (FTEs)			
<u>Positions:</u>			
Regular	0 / 0	0 / 0	0 / 0
Total Positions	0 / 0	0 / 0	0 / 0