

# FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

## Information Technology

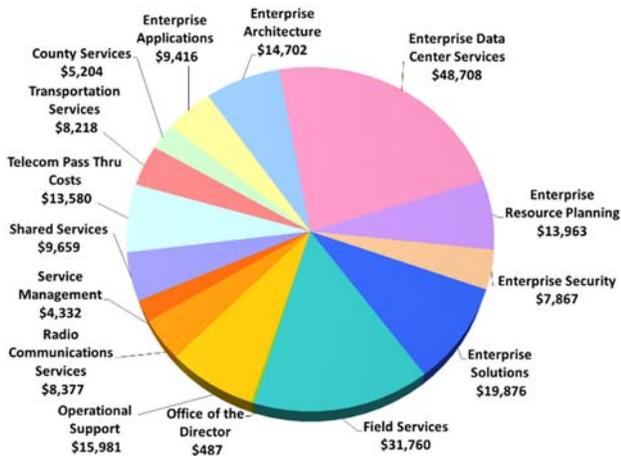
The Information Technology Department (ITD) provides information technology (IT) enterprise and infrastructure services that support the operations of all County departments.

As part of the General Government strategic area, the Department deploys emerging technologies in support of County government operations and services to the public. ITD provides a reliable and secure IT infrastructure, including network and hardware/software platforms, to support departmental applications and enterprise services. ITD partners with other County departments and management to implement and maintain technology solutions that enable efficient operations and delivery of County services, including telecommunications and radio operations. ITD ensures that its services improve government access, efficiency and effectiveness through the implementation of appropriate IT standards, methodologies, security and project management practices.

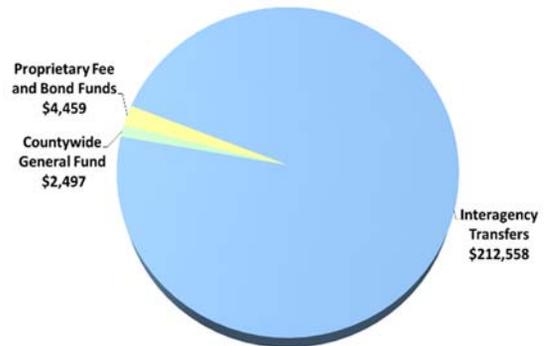
The Department's stakeholders include all County departments, elected officials, Miami-Dade County residents, local businesses, visitors, municipalities and anyone who visits the County's website.

### FY 2019-20 Adopted Operating Budget

**Expenditures by Activity**  
(dollars in thousands)



**Revenues by Source**  
(dollars in thousands)



# FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

## TABLE OF ORGANIZATION

|  |  |
|--|--|
| <p><b>OFFICE OF THE DIRECTOR &amp; OPERATIONAL SUPPORT</b><br/>Oversees the provision of IT resources and services and performs Chief Information Officer (CIO) functions; provides financial, budgetary, human resources, project management and administrative support to IT operations</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>48                      49</p> |  |
| <p style="text-align: center;"><b>ENTERPRISE APPLICATIONS</b><br/>Provides multi-platform automated application systems for the support of public safety applications for all criminal justice departments</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>57                      60</p>  | <p style="text-align: center;"><b>TRANSPORTATION SERVICES</b><br/>Provides innovation, mobility capabilities and multi-platform departmental automated systems for transportation departments</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>0                        62</p>  |
| <p style="text-align: center;"><b>ENTERPRISE ARCHITECTURE</b><br/>Delivers enterprise middleware, architecture, business intelligence, agile coaching, smarter cities and provides support for 311 and RER</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>105                    77</p>   | <p style="text-align: center;"><b>FIELD SERVICES</b><br/>Delivers engineering, enterprise maintenance, installations and support for telephone systems, computer peripherals, wireless devices and wide and local area network support</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>128                    121</p>  |
| <p style="text-align: center;"><b>ENTERPRISE RESOURCE PLANNING</b><br/>Delivers enterprise program services for Enterprise Resource Planning (ERP) and core legacy systems including human resource and financial systems</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>53                      69</p>   | <p style="text-align: center;"><b>ENTERPRISE SOLUTIONS</b><br/>Delivers enterprise services for Geographic Information System (GIS), Enterprise Asset Management System (EAMS) and Electronic Content Management (ECM)</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>78                      111</p>   |
| <p style="text-align: center;"><b>RADIO COMMUNICATION SERVICES</b><br/>Provides local and regional public safety first responders and County departments with efficient, reliable and secure radio communications services and solutions</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>52                      54</p>  | <p style="text-align: center;"><b>SHARED SERVICES</b><br/>Develops IT multi-platform capabilities for the Water and Sewer Department providing for digital transformation and continuous business improvement; drives innovation and strategic IT direction Countywide through the Business Relationship Management Program</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>24                      74</p> |
| <p style="text-align: center;"><b>SERVICE MANAGEMENT</b><br/>Provides centralized services and support to County Departments through the IT Services Desk, telephone services and services management</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>0                        34</p>  | <p style="text-align: center;"><b>ENTERPRISE DATA CENTER SERVICES</b><br/>Responsible for operations and support of the hardware and system software that run the County's mainframe and distributed systems environments</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>97                      151</p>  |
| <p style="text-align: center;"><b>COUNTY SERVICES</b><br/>Provides multi-platform Countywide and departmental automated systems for administrative, legislative, parks, property appraiser, public housing and community action needs</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>225                    40</p>  | <p style="text-align: center;"><b>ENTERPRISE SECURITY</b><br/>Develops and implements data security policies, manages enterprise security risk and manages the County's data security infrastructure, remote access, directory services and mobile messaging</p> <p style="text-align: center;"><u>FY 18-19</u>      <u>FY 19-20</u><br/>28                      28</p>  |

The FY 2019-20 total number of full-time equivalent is 930 FTEs.

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### **DIVISION: OFFICE OF THE DIRECTOR**

The Office of the Director oversees the provision of IT resources and services and performs Chief Information Officer (CIO) functions.

- Oversees the development and use of technologies in order for County departments and their service partners to deliver quality customer service to the public.
- Directs strategic enterprise-wide integration of new technologies into the County's IT infrastructure and oversees IT resources and services
- Serves on Enterprise Resource Planning (ERP) Steering Committee

### **DIVISION: OPERATIONAL SUPPORT**

The Operational Support Division provides asset management, financial, budgetary, human resources and administrative support to IT operations.

- Provides asset management, financial and administrative support; manages human resource activities
- Provides IT project management oversight to better manage funding, improve project outcomes and increase customer satisfaction

### **DIVISION COMMENTS**

- The FY 2019-20 Adopted Budget includes the transfer of one position from Field Services as a result of a departmental reorganization to better align services to meet customer needs

### **DIVISION: TRANSPORTATION SERVICES**

The Transportation Services Division provides innovation, mobility capabilities and multi-platform departmental automated systems for public works, waste management, seaport and transit business needs.

- Provides innovative technology solutions, integrating intelligent service and mobile technologies in support of Transport Mobility initiatives
- Provides Transportation data visualization platform for data sharing and analytics, facilitating Transportation performance and predictions
- Provides innovative technology solutions for Seaport and dashboards for Cruise, Crane and Cargo business units
- Provides innovative technology solutions for Waste Management and maintains waste collection, transfer, recycling and disposal service and management systems
- Maintains waste collection, transfer, recycling and disposal service and management systems
- Provides 24 X 7 multi-platform technology capabilities and support for critical and real-time systems in transportation, traffic and congestion management, public works and other applications

### **DIVISION COMMENTS**

- **The FY 2019-20 Adopted Budget includes the transfer of six positions from the Seaport as part of the continuous effort to consolidate IT functions and services under a centralized model**
- The FY 2019-20 Adopted Budget includes the establishment of the Transportation Services Division with the transfer of 56 positions from County Services as a result of a departmental reorganization to better align services that meet the customers' needs
- In FY 2019-20, the Division will continue to work on enabling the digitizing and modernization of transportation applications, integrating processes with other County departments and facilitating online and mobile technology for citizens

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### **DIVISION: ENTERPRISE ARCHITECTURE**

The Enterprise Architecture Division delivers services for enterprise middleware, architecture, business intelligence, Smarter Cities operations, agile coaching and development support for 311 Answer Center and RER application portfolios.

- Administers the County's web and employee portal systems and their supporting middleware software systems (Websphere, IIS, etc.)
- Supports and maintains Regulatory and Economic Resources systems including Construction Permitting, Environmental Resources, For-Hire Transportation Licensing, Consumer Protection Services and Film and Entertainment Permitting
- Supports test and production systems using various server database management systems across multiple platforms
- Delivers support services Countywide for the 311 Answer Center and supports and maintains applications for the Communications Department
- Delivers program services for ITD internal productivity applications (ePSR, etc.)
- Delivers Countywide enterprise architecture services (software tools standardization, standard technology model, etc.)
- Supports the IBM Intelligent Operations Center (IOC) Smarter Cities software for Intelligent Waters Operations and Internet of Things (IoT) for leak detection and water conservation
- Supports IBM Video Analytics software for public safety and video forensics

### **Key Department Measures, Strategic Objectives, and Resiliency Drivers**

| Measures   | SO    | RD   | Type | Good | FY 16-17 | FY 17-18 | FY 18-19 | FY 18-19 | FY 19-20 |
|--|-------|------|------|------|----------|----------|----------|----------|----------|
|  |       |      |      |      | Actual   | Actual   | Budget   | Actual   | Target   |
| Portal availability                              | GG3-1 | IE-3 | OC   | ↑    | 99%      | 99%      | 99%      | 100%     | 99%      |
| Percentage of time the Innovations Lab is in use | GG3-4 | IE-3 | EF   | ↑    | 62%      | 62%      | 62%      | 69%      | 62%      |

### **DIVISION COMMENTS**

- **The FY 2019-20 Adopted Budget includes the establishment of four new Senior Systems Analysts Programmers and two new System Analysts Programmer 2s to address the staffing requirement for technology projects that the department will implement and maintain for MDPD and RER**
- In FY 2019-20, ITD will continue the development of an enterprise land use management, licensing, permitting, plan review, inspections and code enforcement solution; this solution will expedite the enterprise permitting business processes and facilitate data sharing and reporting
- The FY 2019-20 Adopted Budget includes the transfer of 34 positions to Enterprise Data Center as a result of a departmental reorganization to better align services to meet customer needs

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### **DIVISION: FIELD SERVICES**

The Field Services Division is responsible for supporting and maintaining the Miami-Dade County Enterprise LAN, WAN and Fiber Optic infrastructure. Field Services also provides support of computer hardware, software and telephony.

- Provides telecommunications design and engineering services for new facilities and updates to existing facilities, including network solutions services for the integration of voice and data solutions
- Provides infrastructure cabling services for data, voice, video CCTV and cable TV
- Provides design, engineering and installation of telecommunication equipment including network, video, telephone systems and devices, personal computing, wireless and print devices, mainframe terminals and auxiliary peripheral devices; delivers equipment maintenance and support services
- Provides support 24 X 7 for the 911 and 311 networks and call centers
- Manages a carrier class core fiber optic network, as well as the routed and switched network configuration, connecting over 600 sites to a secure MetroNet
- Provides carrier-class voice and data network using fiber optic wireless point-to-point, point-to-multipoint, fixed outdoor or mobile Broadband networks

### **Key Department Measures, Strategic Objectives, and Resiliency Drivers**

| Measures  | SO    | RD   | Type | Good | FY 16-17 | FY 17-18 | FY 18-19 | FY 18-19 | FY 19-20 |
|---|-------|------|------|------|----------|----------|----------|----------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Actual   | Target   |
| Percentage of computer equipment repairs completed within 48 hours              | GG3-1 | IE-2 | EF   | ↑    | 92%      | 92%      | 93%      | 91%      | 93%      |
| Percentage of telephone equipment repairs completed within 48 hours             | GG3-1 | IE-2 | EF   | ↑    | 91%      | 92%      | 93%      | 90%      | 93%      |
| Percentage participation in County-wide "Power IT Down" initiative              | GG4-3 | IE-2 | OC   | ↑    | 49%      | 50%      | 60%      | 50%      | 50%      |
| Percentage of new computer equipment purchased that meets Energy Star Standards | GG4-3 | IE-2 | OC   | ↑    | 100%     | 100%     | 100%     | 100%     | 100%     |

### **DIVISION COMMENTS**

- The FY 2019-20 Adopted Budget includes the transfer of three positions to Radio Communications Services, two positions to Enterprise Solutions and two positions to Enterprise Architecture as a result of a departmental reorganization to better align services that meet the customers' needs
- The FY 2019-20 Adopted Budget includes the continued expansion of the Enterprise Voice Over IP (VOIP) system to various MDPD sites, the Richard E. Gerstein Justice Building and the Stephen P. Clark Center

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### DIVISION: RADIO COMMUNICATIONS SERVICES

The Radio Communications Services Division provides local and regional public safety first responders and County departments with efficient, reliable and secure radio communications services and solutions.

- Develops strategic direction of the County's 700/800 MHz radio communication systems
- Provides 24 X 7 support of the radio infrastructure
- Provides repair and installation of vehicle emergency lighting and mobile communications equipment
- Coordinates interoperability plans in the Southeast Florida region
- Coordinates communications talk groups
- Provides radio engineering and design services

### Key Department Measures, Strategic Objectives, and Resiliency Drivers

| Measures  | SO    | RD   | Type | Good | FY 16-17 | FY 17-18 | FY 18-19 | FY 18-19 | FY 19-20 |
|---|-------|------|------|------|----------|----------|----------|----------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Actual   | Target   |
| Cost of portable radio unit repair*                   | GG4-2 | IE-2 | EF   | ↓    | \$128    | \$134    | \$154    | \$134    | \$157    |
| Percentage of vehicle installations completed on time | GG3-4 | IE-2 | EF   | ↑    | 98%      | 98%      | 99%      | 100%     | 99%      |

\*Budget and Target values represent industry provider cost

### DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the transfer of three positions from Field Services for CAD 911 Support Services and the transfer of one IT Project Manager to Operational Support
- In FY 2019-20, ITD will continue the enhancement of the P25 800 MHz Radio Communications network which is focused on expanding and improving radio coverage; the upcoming project milestones are the construction and operational deployment of a radio tower site at the Integrated Command Facility Building

### DIVISION: ENTERPRISE APPLICATIONS

The Enterprise Applications Division provides multi-platform automated application systems for the support of public safety applications for the Clerk of Courts, Miami-Dade Police Department (MDPD), Miami-Dade Corrections and Rehabilitation (MDCR) and other criminal justice partners.

- Supports and maintains MDPD's criminal justice systems and applications relied upon by County, state, municipal and other public safety agencies
- Provides support to court-related applications such as Civil, Traffic and Parking, Jury and Electronic Subpoena systems
- Supports operational needs through automation of business processes for MDPD and MDCR

### DIVISION COMMENTS

- **The FY 2019-20 Adopted Budget includes the establishment of four additional Senior Systems Analyst Programmers to enhance application services Countywide**
- The modernization of the Criminal Justice Information System will create an integrated criminal justice solution for the 11th Judicial Circuit of Florida that will serve the information needs of all justice partner agencies; in FY 2018-19, a solicitation commenced that is expected to be awarded in the second quarter of FY 2019-20
- ITD has initiated the analysis and requirements gathering for MDPD's Law Records Management System (LRMS), which will provide a single and comprehensive operational policing system to manage Incident Crime information
- ITD has completed the analysis and requirements gathering for the modernization of MDPD's Laboratory Information Management System (LIMS); the project is scheduled to be completed by the first quarter of FY 2019-20
- The FY 2019-20 Adopted Budget includes the transfer of one Senior Analyst Programmer 1 to Enterprise Architecture, as a result of a departmental reorganization to better align services to meet customer needs

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### DIVISION: ENTERPRISE DATA CENTER SERVICES

The Enterprise Data Center is responsible for the 24 X 7 operations, maintenance and support of the hardware and operating system software that run the County's mainframe and distributed systems computer environments; this Division provides management of domain, database, enterprise storage and backup, mainframe printing, server and application virtualization and desktop virtualization services

- Manages all enterprise-class operating system software; this includes performance tuning and capacity planning
- Operates the Command Center, which monitors production system operations and high-speed printing and provides after-hours call-center support
- Provides systems administration for all enterprise operating systems (z/OS, z/VM, z/Linux, AIX, Solaris, UNIX, Windows/Linux, VMWare and Citrix) and hardware in support of distributed systems and applications
- Provides mainframe application report printing, delivery and archive services
- Supports desktop virtualization infrastructure, deployment and support services and provides server and application virtualization services
- Supports network authentication (Active Directory) and Domain Name System (DNS) services
- Provides electronic mail (e-mail) and e-mail archiving services for communications within the County and with external entities, agencies and constituents while protecting against virus attacks and unsolicited commercial e-mail
- Supports the County's "private cloud" infrastructure

#### Key Department Measures, Strategic Objectives, and Resiliency Drivers

| Measures  | SO    | RD   | Type | Good | FY 16-17 | FY 17-18 | FY 18-19 | FY 18-19 | FY 19-20 |
|---|-------|------|------|------|----------|----------|----------|----------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Actual   | Target   |
| Production systems availability                     | GG3-1 | IE-3 | OC   | ↑    | 99%      | 99%      | 99%      | 99%      | 99%      |
| Percentage of effective mainframe capacity utilized | GG3-1 | IE-3 | OC   | ↑    | 79%      | 79%      | 80%      | 85%      | 80%      |

#### DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the transfer of 38 positions from Enterprise Architecture and 16 from County Services as a result of a departmental reorganization to better align services to meet customer needs

### DIVISION: ENTERPRISE SECURITY

The Enterprise Security Division develops and implements data security policies, manages enterprise security risk and manages the County's data security infrastructure, remote access, directory services and mobile messaging.

- Reduces risk exposure present in the County's computer infrastructure by establishing mitigation programs, to include Cybersecurity awareness, forensic investigation, monitoring, audit compliance and risk management and digital resilience
- Provides information security services management including firewalls, intrusion detection and prevention, anti-virus software and Internet proxy infrastructure
- Provides multi-factor authentication and Identity and Access Management

#### Key Department Measures, Strategic Objectives, and Resiliency Drivers

| Measures  | SO    | RD   | Type | Good | FY 16-17 | FY 17-18 | FY 18-19 | FY 18-19 | FY 19-20 |
|---|-------|------|------|------|----------|----------|----------|----------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Actual   | Target   |
| Purchasing Card Industry (PCI) Quarterly Compliance   | GG3-2 | IE-3 | OC   | ↑    | 75%      | 100%     | 100%     | 100%     | 100%     |
| Average number of e-mail messages blocked monthly (spam/virus/filtered content) (in millions) | GG3-2 | IE-3 | OP   | ↔    | 2.7      | 2.7      | 2.7      | 3.1      | 3.3      |

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### DIVISION COMMENTS

- In FY 2019-20, ITD will continue the ongoing enhancements to MDPD and Enterprise (MetroNet) security architecture; these efforts will modernize the architecture to prevent, identify and notify of inadvertent and intentional disclosure of sensitive information; improve security for employees accessing County systems while away from the office or from mobile devices; and implement encryption for County-owned mobile devices
- The FY 2019-20 Adopted Budget includes the efforts to improve cybersecurity for payment card processing, elections, transportation and general county operations

### **DIVISION: SERVICE MANAGEMENT**

The Service Management Division provides centralized services and support to County departments through the IT Service Desk, telephone services and service management and maintains internal incident work order and billing systems.

- Serves as the point of contact for County agencies for ITD services, leveraging opportunities for enterprise solutions, and coordinates service delivery and measures performance according to established benchmarks and metrics
- Processes and coordinates requests for changes in telephone services such as connections/disconnections and moves including landlines and wireless devices
- Maintains the inventory of all circuits, lines, telephone sets, wireless devices and peripherals; reviews usage for all wireless devices; performs periodic checks to ensure contract rate compliance
- Provides IT customer service through first call resolution and incident/service request management

### DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the establishment of the Service Management Division with the transfer of 19 positions from County Services and 15 positions from Shared Services as a result of a departmental reorganization to better align services to meet customer needs

### **DIVISION: ENTERPRISE SOLUTIONS**

The Enterprise Solutions Division delivers enterprise services for the Geographic Information System (GIS), Enterprise Asset Management System (EAMS) and Electronic Content Management (ECM).

- The Enterprise Solutions Division is responsible for delivering consolidated enterprise services
- Implements and maintains program services Countywide for the Geographic Information System (GIS), Enterprise Asset Management System (EAMS) and Enterprise Content Management (ECM) system

### **Key Department Measures, Strategic Objectives, and Resiliency Drivers**

| Measures  | SO    | RD   | Type | Good | FY 16-17 | FY 17-18 | FY 18-19 | FY 18-19 | FY 19-20 |
|---|-------|------|------|------|----------|----------|----------|----------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Actual   | Target   |
| System users - EAMS   | GG3-1 | IE-2 | IN   | ↔    | 6,790    | 7,340    | 7,200    | 7,353    | 7,300    |
| Assets tracked - EAMS (in thousands)  | GG3-1 | IE-2 | IN   | ↔    | 1,113    | 981      | 1,000    | 991      | 1,200    |
| Street segments and address ranges maintained quarterly - GIS                     | GG3-1 | IE-2 | OP   | ↔    | 108,415  | 109,862  | 110,000  | 111,824  | 112,000  |
| Documents managed - ECM (in millions)   | GG3-1 | IE-2 | IN   | ↔    | 49       | 65       | 75       | 100      | 97       |
| Number of layers maintained in the County's Central Repository (Vector / Imagery) | GG3-1 | IE-2 | OP   | ↔    | 1,166    | 1,179    | 1,225    | 1,370    | 1,390    |

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

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### DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the transfer of 31 positions from County Services and 2 positions from Field Services as a result of a departmental reorganization to better align services to meet customer needs
- In FY 2019-20, ITD will continue to enhance the GIS cloud strategy by adopting a hybrid solution, growing the on-premise cloud presence as well as leveraging the ArcGIS Online capabilities while also offering digitizing services as a new service to departments and municipalities
- In FY 2019-20, Enterprise Solutions will continue to deploy EAMS and Documentum solutions for departments, to also include Capital Inventory

### **DIVISION: ENTERPRISE RESOURCE PLANNING**

The Enterprise Resource Planning Division delivers enterprise program services for Enterprise Resource Planning (ERP) and core legacy systems including human resource and financial systems.

- Leads the County's Enterprise Resource Planning (ERP) implementation to support the full HR/recruitment, payroll, financial, budgeting and procurement business processes
- Provides program services for PeopleSoft ERP and Hyperion
- Supports legacy financial and procurement systems (FAMIS & ADPICS)
- Supports legacy human resource and payroll systems
- Supports e-Commerce applications

### DIVISION COMMENTS

- **The FY 2019-20 Adopted Budget includes the establishment of an additional 16 full-time positions for the ERP Project Management Office (PMO) to oversee and support the full implementation of the Enterprise Resource Planning (ERP) System**
- In FY 2019-20, the implementation of the Enterprise Resource Planning (ERP) System, which includes ITD, the Office of Management and Budget, Finance, Internal Services and the Human Resources Department, will continue to configure, build and provide change management services to replace the legacy applications of FAMIS, ADPICS, and Time & Leave (Payroll), and training will be provided to all departments as the phased go-live dates occur for the initiative; the project will continue for the build, testing and deployment phases of roll out 1; with an anticipated go live for Financial and Supply Chain modules, significant process and reporting improvements are expected; roll out 2 will include the implementation of HR Payroll modules and the design, build, and testing phases for these modules

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### **DIVISION: SHARED SERVICES**

The Shared Services Division develops IT multi-platform capabilities for the Water and Sewer Department, providing for continuous business improvements and drives strategic IT direction Countywide through the Business Relationship Management Program.

- The Shared Services Division provides IT innovation and develops IT multi-platform capabilities for the Water and Sewer Department improving/enhancing current business models and processes with better integration across the ecosystem
- Provides support for WASD core vendor solutions and develops and supports interfaces and enhancements to augment functionality to all systems related to the Meter to Cash cycle; implements, develops, and maintains enterprise systems supporting financial, asset, and project management business as well as in-house custom applications supporting business functions for collaboration and communication, SCADA Historical, Consent Decree and other internal/external reporting requirements
- Develops WASD in-house Self-Service application to improve and modernize customer service and engagement while implementing business process efficiencies
- Develops and maintains Countywide IT Memoranda of Understanding (MOUs) with different agencies, establishing service levels and their associated cost; promotes the continuous improvement of service quality and customer satisfaction
- Drives strategic IT direction Countywide and municipal services, providing for process improvement, operational efficiencies and productivity through the Business Relationship Management Program
- Serves Countywide as the point of contact for County agencies' ITD services, leveraging opportunities for enterprise solutions and coordinates service delivery and measures performance according to established benchmarks and metrics
- Maintains WASD Help-Desk and Field Services Support, which includes desktop, terminal services and laptop level 1 support for in-house developed and enterprise applications and hardware

### **DIVISION COMMENTS**

- The FY 2019-20 Adopted Budget includes the transfer of 66 positions from County Services and the transfer of 16 positions to Service Management as a result of a departmental reorganization to better align services to meet customer needs

### **DIVISION: COUNTY SERVICES**

The County Services Division provides multi-platform Countywide and departmental automated systems for administrative, legislative, and various County departments specific needs.

- Provides citizen application system development, implementation and support for the Parks, Recreation and Open Spaces, Internal Services, Community Action and Human Services, Animal Services and Public Housing and Community Development departments.

### **DIVISION COMMENTS**

- **The FY 2019-20 Adopted Budget includes the establishment of one Senior Web Developer position to enhance services Countywide and two Senior System Analyst Programmers for the development of the Legislative Management System**
- In FY 2019-20, ITD will continue to work with various County departments including Aviation and Fire Rescue to streamline County IT functions; this an on-going effort that will produce operational efficiencies, provide for expanded capabilities, improve continuity of operations and allow for better collaboration and information sharing
- In FY 2019-20, County Services will continue development and implementation efforts in the modernization of existing systems including a new Legislative Tracking System as well as replacements to the existing Recreational Management System and Community Action and Human Services Case Management system
- The FY 2019-20 Adopted Budget includes the transfer of 188 positions to several divisions as a result of a departmental reorganization to better align services to meet customer needs

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

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### CAPITAL BUDGET HIGHLIGHTS AND OPERATIONAL IMPACTS

- The Department's FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes the purchase of 11 vehicles (\$266,000); the County's fleet replacement plan is included under Non-Departmental project #2000000511
- ITD's FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes a \$677,000 transfer to the General Government Improvement Fund (GGIF) to fund debt service for the Cyber Security project
- The FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes development towards the replacement of the existing Computer Aided Dispatch system for the Police and Fire Rescue departments that is expected to improve the processing time for emergency calls (total project cost \$27.391 million, \$8.138 million in FY 2019-20)
- The FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes several infrastructure replacement projects (\$8.387 million) to address required network improvements that assure network stability and redundancy
- The FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes the implementation of a state-of-the-art, comprehensive, integrated Enterprise Resource Planning (ERP) application to support human resources recruitment, payroll; financial accounts receivable, accounts payable, general ledger, project accounting, fixed assets, contracts, billing, budgeting and financial planning and reporting; and procurement business processes (total project cost \$104.720 million, \$35.192 million in FY 2019-20)

### SELECTED ITEM HIGHLIGHTS AND DETAILS

| Line Item Highlights    | (dollars in thousands) |                    |                    |                    |                    |
|-------------------------|------------------------|--------------------|--------------------|--------------------|--------------------|
|                         | Actual<br>FY 16-17     | Actual<br>FY 17-18 | Budget<br>FY 18-19 | Actual<br>FY 18-19 | Budget<br>FY 19-20 |
| Advertising             | 33                     | 23                 | 40                 | 35                 | 40                 |
| Fuel                    | 92                     | 94                 | 111                | 86                 | 111                |
| Overtime                | 1,727                  | 1,338              | 1,424              | 1,592              | 3,995              |
| Rent                    | 2,804                  | 3,790              | 4,129              | 3,752              | 4,129              |
| Security Services       | 0                      | 0                  | 0                  | 0                  | 0                  |
| Temporary Services      | 4,050                  | 1,080              | 1,964              | 416                | 60                 |
| Travel and Registration | 163                    | 127                | 205                | 109                | 172                |
| Utilities               | 2,359                  | 2,341              | 2,341              | 2,305              | 2,051              |

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### OPERATING FINANCIAL SUMMARY

| (dollars in thousands)                    | Actual<br>FY 16-17 | Actual<br>FY 17-18 | Budget<br>FY 18-19 | Adopted<br>FY 19-20 |
|---|--------------------|--------------------|--------------------|---------------------|
| <b>Revenue Summary</b>                    |                    |                    |                    |                     |
| General Fund Countywide                   | 23,297             | 394                | 2,026              | 2,497               |
| General Fund UMSA                         | 8,185              | 131                | 676                | 0                   |
| Proprietary Fees                          | 659                | 0                  | 658                | 659                 |
| Recording Fee for Court Technology        | 3,321              | 3,412              | 3,300              | 3,300               |
| Traffic Violation Surcharge               | 371                | 505                | 520                | 500                 |
| Carryover                                 | 0                  | 0                  | 5,908              | 5,351               |
| Interagency Transfers                     | 160,758            | 140,808            | 135,521            | 142,634             |
| IT Funding Model                          | 0                  | 55,380             | 62,086             | 64,573              |
| Total Revenues                            | 196,591            | 200,630            | 210,695            | 219,514             |
| <b>Operating Expenditures Summary</b>     |                    |                    |                    |                     |
| Salary                                    | 85,010             | 85,845             | 91,619             | 96,187              |
| Fringe Benefits                           | 23,145             | 25,843             | 29,340             | 31,405              |
| Court Costs                               | 0                  | 0                  | 0                  | 0                   |
| Contractual Services                      | 2,093              | 4,707              | 1,260              | 4,182               |
| Other Operating                           | 55,999             | 48,785             | 55,989             | 59,439              |
| Charges for County Services               | 16,562             | 16,893             | 15,686             | 14,216              |
| Grants to Outside Organizations           | 0                  | 0                  | 0                  | 0                   |
| Capital                                   | 9,293              | 12,152             | 5,632              | 6,701               |
| Total Operating Expenditures              | 192,102            | 194,225            | 199,526            | 212,130             |
| <b>Non-Operating Expenditures Summary</b> |                    |                    |                    |                     |
| Transfers                                 | 2,182              | 3,048              | 9,434              | 6,372               |
| Distribution of Funds In Trust            | 0                  | 0                  | 0                  | 0                   |
| Debt Service                              | 2,307              | 8,632              | 1,735              | 1,012               |
| Depreciation, Amortizations and Depletion | 0                  | 0                  | 0                  | 0                   |
| Reserve                                   | 0                  | 0                  | 0                  | 0                   |
| Total Non-Operating Expenditures          | 4,489              | 11,680             | 11,169             | 7,384               |

| (dollars in thousands)                    | Total Funding      |                     | Total Positions    |                     |
|---|--------------------|---------------------|--------------------|---------------------|
| Expenditure By Program                    | Budget<br>FY 18-19 | Adopted<br>FY 19-20 | Budget<br>FY 18-19 | Adopted<br>FY 19-20 |
| <b>Strategic Area: General Government</b> |                    |                     |                    |                     |
| Office of the Director                    | 449                | 487                 | 3                  | 3                   |
| Operational Support                       | 14,911             | 15,981              | 45                 | 46                  |
| Transportation Services                   | 0                  | 8,218               | 0                  | 62                  |
| Enterprise Architecture                   | 25,708             | 14,702              | 105                | 77                  |
| Field Services                            | 28,522             | 31,760              | 128                | 121                 |
| Radio Communications Services             | 7,457              | 8,377               | 52                 | 54                  |
| Enterprise Applications                   | 10,070             | 9,416               | 57                 | 60                  |
| Enterprise Data Center Services           | 32,265             | 48,708              | 97                 | 151                 |
| Enterprise Security                       | 7,056              | 7,867               | 28                 | 28                  |
| Service Management                        | 0                  | 4,332               | 0                  | 34                  |
| Enterprise Solutions                      | 16,077             | 19,876              | 78                 | 111                 |
| Enterprise Resource Planning              | 12,155             | 13,963              | 53                 | 69                  |
| Shared Services                           | 3,312              | 9,659               | 24                 | 74                  |
| Telecom Pass Thru Costs                   | 13,443             | 13,580              | 0                  | 0                   |
| County Services                           | 28,101             | 5,204               | 225                | 40                  |
| Total Operating Expenditures              | 199,526            | 212,130             | 895                | 930                 |

### CAPITAL BUDGET SUMMARY

| (dollars in thousands)           | PRIOR  | FY 19-20 | FY 20-21 | FY 21-22 | FY 22-23 | FY 23-24 | FY 24-25 | FUTURE | TOTAL   |
|----------------------------------|--------|----------|----------|----------|----------|----------|----------|--------|---------|
| <b>Revenue</b>                   |        |          |          |          |          |          |          |        |         |
| Capital Asset Series 2013A Bonds | 46,000 | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 46,000  |
| Future Financing                 | 0      | 63,535   | 39,273   | 13,955   | 15,066   | 2,988    | 541      | 0      | 135,358 |
| IT Funding Model                 | 1,758  | 2,912    | 1,538    | 0        | 0        | 0        | 0        | 0      | 6,208   |
| ITD Operating Revenue            | 21,364 | 6,372    | 8,957    | 8,007    | 8,292    | 0        | 0        | 0      | 52,992  |
| Total:                           | 69,122 | 72,819   | 49,768   | 21,962   | 23,358   | 2,988    | 541      | 0      | 240,558 |
| <b>Expenditures</b>              |        |          |          |          |          |          |          |        |         |
| <b>Strategic Area: PS</b>        |        |          |          |          |          |          |          |        |         |
| Computer and Systems Automation  | 0      | 16,534   | 31,974   | 15,380   | 15,429   | 2,988    | 541      | 0      | 82,846  |
| Infrastructure Improvements      | 1,155  | 1,972    | 2,581    | 609      | 1,950    | 0        | 0        | 0      | 8,267   |
| <b>Strategic Area: GG</b>        |        |          |          |          |          |          |          |        |         |
| Computer and Systems Automation  | 43,745 | 35,409   | 26,519   | 217      | 217      | 0        | 0        | 0      | 106,107 |
| Infrastructure Improvements      | 12,577 | 5,561    | 5,682    | 5,825    | 7,567    | 0        | 0        | 0      | 37,212  |
| Telecommunications Equipment     | 1,957  | 637      | 1,385    | 1,036    | 1,111    | 0        | 0        | 0      | 6,126   |
| Total:                           | 59,434 | 60,113   | 68,141   | 23,067   | 26,274   | 2,988    | 541      | 0      | 240,558 |

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### FUNDED CAPITAL PROJECTS

(dollars in thousands)

#### CITRIX INFRASTRUCTURE - VIRTUAL DESKTOP AND THIN CLIENTS

PROJECT #: 2000000947

DESCRIPTION: Deploy desktop and application virtualization infrastructure countywide  
 LOCATION: Various Sites District Located: Countywide  
 Various Sites District(s) Served: Countywide

| REVENUE SCHEDULE:            | PRIOR      | 2019-20    | 2020-21    | 2021-22    | 2022-23    | 2023-24  | 2024-25  | FUTURE   | TOTAL        |
|------------------------------|------------|------------|------------|------------|------------|----------|----------|----------|--------------|
| ITD Operating Revenue        | 519        | 217        | 217        | 217        | 217        | 0        | 0        | 0        | 1,387        |
| <b>TOTAL REVENUES:</b>       | <b>519</b> | <b>217</b> | <b>217</b> | <b>217</b> | <b>217</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1,387</b> |
| EXPENDITURE SCHEDULE:        | PRIOR      | 2019-20    | 2020-21    | 2021-22    | 2022-23    | 2023-24  | 2024-25  | FUTURE   | TOTAL        |
| Technology Hardware/Software | 519        | 217        | 217        | 217        | 217        | 0        | 0        | 0        | 1,387        |
| <b>TOTAL EXPENDITURES:</b>   | <b>519</b> | <b>217</b> | <b>217</b> | <b>217</b> | <b>217</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1,387</b> |

#### CLOUD INFRASTRUCTURE

PROJECT #: 2000000942

DESCRIPTION: Purchase servers, storage and backup infrastructure as needed  
 LOCATION: 5680 SW 87 Ave District Located: Countywide  
 Various Sites District(s) Served: Countywide

| REVENUE SCHEDULE:            | PRIOR         | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL         |
|------------------------------|---------------|--------------|--------------|--------------|--------------|----------|----------|----------|---------------|
| ITD Operating Revenue        | 11,990        | 595          | 2,671        | 2,804        | 2,945        | 0        | 0        | 0        | 21,005        |
| <b>TOTAL REVENUES:</b>       | <b>11,990</b> | <b>595</b>   | <b>2,671</b> | <b>2,804</b> | <b>2,945</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>21,005</b> |
| EXPENDITURE SCHEDULE:        | PRIOR         | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL         |
| Technology Hardware/Software | 8,338         | 2,495        | 3,608        | 3,618        | 2,946        | 0        | 0        | 0        | 21,005        |
| <b>TOTAL EXPENDITURES:</b>   | <b>8,338</b>  | <b>2,495</b> | <b>3,608</b> | <b>3,618</b> | <b>2,946</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>21,005</b> |

#### COMPUTER-AIDED DISPATCH (CAD) - REPLACEMENT

PROJECT #: 2000000424

DESCRIPTION: Replace and/or upgrade existing computer aided dispatch system for both the Miami-Dade Police Department as well as Miami-Dade Fire Rescue  
 LOCATION: Various Sites District Located: Countywide  
 Various Sites District(s) Served: Countywide

| REVENUE SCHEDULE:                | PRIOR    | 2019-20       | 2020-21       | 2021-22      | 2022-23    | 2023-24  | 2024-25  | FUTURE   | TOTAL         |
|----------------------------------|----------|---------------|---------------|--------------|------------|----------|----------|----------|---------------|
| Future Financing                 | 0        | 27,391        | 0             | 0            | 0          | 0        | 0        | 0        | 27,391        |
| <b>TOTAL REVENUES:</b>           | <b>0</b> | <b>27,391</b> | <b>0</b>      | <b>0</b>     | <b>0</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>27,391</b> |
| EXPENDITURE SCHEDULE:            | PRIOR    | 2019-20       | 2020-21       | 2021-22      | 2022-23    | 2023-24  | 2024-25  | FUTURE   | TOTAL         |
| Furniture Fixtures and Equipment | 0        | 290           | 5,949         | 0            | 0          | 0        | 0        | 0        | 6,239         |
| Project Administration           | 0        | 5,233         | 10,313        | 0            | 0          | 0        | 0        | 0        | 15,546        |
| Project Contingency              | 0        | 0             | 1,203         | 0            | 363        | 0        | 0        | 0        | 1,566         |
| Technology Hardware/Software     | 0        | 2,615         | 0             | 1,425        | 0          | 0        | 0        | 0        | 4,040         |
| <b>TOTAL EXPENDITURES:</b>       | <b>0</b> | <b>8,138</b>  | <b>17,465</b> | <b>1,425</b> | <b>363</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>27,391</b> |

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### CRIMINAL JUSTICE INFORMATION SYSTEM (CJIS) - IMPLEMENTATION

**PROJECT #: 200000954**

DESCRIPTION: Implement a modern, comprehensive, integrated Criminal Justice Information System (CJIS) application to support the life cycle of a criminal case from arrest to case disposition

|                         |                                |  |
|-------------------------|--------------------------------|--|
| LOCATION: Various Sites | District Located: Countywide   |  |
| Various Sites           | District(s) Served: Countywide |  |

| REVENUE SCHEDULE:            | PRIOR    | 2019-20      | 2020-21       | 2021-22       | 2022-23       | 2023-24      | 2024-25    | FUTURE   | TOTAL         |
|------------------------------|----------|--------------|---------------|---------------|---------------|--------------|------------|----------|---------------|
| Future Financing             | 0        | 8,396        | 14,509        | 13,955        | 15,066        | 2,988        | 541        | 0        | 55,455        |
| <b>TOTAL REVENUES:</b>       | <b>0</b> | <b>8,396</b> | <b>14,509</b> | <b>13,955</b> | <b>15,066</b> | <b>2,988</b> | <b>541</b> | <b>0</b> | <b>55,455</b> |
| EXPENDITURE SCHEDULE:        | PRIOR    | 2019-20      | 2020-21       | 2021-22       | 2022-23       | 2023-24      | 2024-25    | FUTURE   | TOTAL         |
| Technology Hardware/Software | 0        | 8,396        | 14,509        | 13,955        | 15,066        | 2,988        | 541        | 0        | 55,455        |
| <b>TOTAL EXPENDITURES:</b>   | <b>0</b> | <b>8,396</b> | <b>14,509</b> | <b>13,955</b> | <b>15,066</b> | <b>2,988</b> | <b>541</b> | <b>0</b> | <b>55,455</b> |

### DEPLOYMENT OF 800 MHZ PUBLIC SAFETY RADIO SITES

**PROJECT #: 1687880**

DESCRIPTION: Acquire and deploy radio infrastructure equipment, shelter and tower for radio sites that will be connected to the Miami-Dade County 800 MHz Harris P25 radio system for improved public safety radio coverage

|                         |                                |  |
|-------------------------|--------------------------------|--|
| LOCATION: Various Sites | District Located: Countywide   |  |
| Various Sites           | District(s) Served: Countywide |  |

| REVENUE SCHEDULE:            | PRIOR        | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL        |
|------------------------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|--------------|
| ITD Operating Revenue        | 2,198        | 1,849        | 2,224        | 1,000        | 996          | 0        | 0        | 0        | 8,267        |
| <b>TOTAL REVENUES:</b>       | <b>2,198</b> | <b>1,849</b> | <b>2,224</b> | <b>1,000</b> | <b>996</b>   | <b>0</b> | <b>0</b> | <b>0</b> | <b>8,267</b> |
| EXPENDITURE SCHEDULE:        | PRIOR        | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL        |
| Technology Hardware/Software | 1,155        | 1,972        | 2,581        | 609          | 1,950        | 0        | 0        | 0        | 8,267        |
| <b>TOTAL EXPENDITURES:</b>   | <b>1,155</b> | <b>1,972</b> | <b>2,581</b> | <b>609</b>   | <b>1,950</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>8,267</b> |

### EDGE NETWORK PROJECT

**PROJECT #: 200000946**

DESCRIPTION: Deploy new network edge switches countywide

|                          |                                |  |
|--------------------------|--------------------------------|--|
| LOCATION: 5680 SW 87 Ave | District Located: Countywide   |  |
| Various Sites            | District(s) Served: Countywide |  |

| REVENUE SCHEDULE:            | PRIOR        | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL         |
|------------------------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|---------------|
| ITD Operating Revenue        | 4,615        | 2,690        | 2,824        | 2,965        | 3,113        | 0        | 0        | 0        | 16,207        |
| <b>TOTAL REVENUES:</b>       | <b>4,615</b> | <b>2,690</b> | <b>2,824</b> | <b>2,965</b> | <b>3,113</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>16,207</b> |
| EXPENDITURE SCHEDULE:        | PRIOR        | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL         |
| Technology Hardware/Software | 4,239        | 3,066        | 2,074        | 2,207        | 4,621        | 0        | 0        | 0        | 16,207        |
| <b>TOTAL EXPENDITURES:</b>   | <b>4,239</b> | <b>3,066</b> | <b>2,074</b> | <b>2,207</b> | <b>4,621</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>16,207</b> |

## FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

### FULL ENTERPRISE RESOURCE PLANNING IMPLEMENTATION

**PROJECT #: 1682480**



DESCRIPTION: Implement a state-of-the art, comprehensive, integrated Enterprise Resource Planning (ERP) application to support the full HR/Recruitment, Payroll, Financial (AR, AP, GL, Project Accounting, Fixed Assets, Contracts, Billing, Budgeting, and Financial Reporting) and Procurement business processes

LOCATION: Countywide District Located: Countywide  
 Throughout Miami-Dade County District(s) Served: Countywide

| REVENUE SCHEDULE:                | PRIOR         | 2019-20       | 2020-21       | 2021-22  | 2022-23  | 2023-24  | 2024-25  | FUTURE   | TOTAL          |
|----------------------------------|---------------|---------------|---------------|----------|----------|----------|----------|----------|----------------|
| Capital Asset Series 2013A Bonds | 46,000        | 0             | 0             | 0        | 0        | 0        | 0        | 0        | 46,000         |
| Future Financing                 | 0             | 27,748        | 24,764        | 0        | 0        | 0        | 0        | 0        | 52,512         |
| IT Funding Model                 | 1,758         | 2,912         | 1,538         | 0        | 0        | 0        | 0        | 0        | 6,208          |
| <b>TOTAL REVENUES:</b>           | <b>47,758</b> | <b>30,660</b> | <b>26,302</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>104,720</b> |
| EXPENDITURE SCHEDULE:            | PRIOR         | 2019-20       | 2020-21       | 2021-22  | 2022-23  | 2023-24  | 2024-25  | FUTURE   | TOTAL          |
| Planning and Design              | 30,760        | 29,586        | 20,757        | 0        | 0        | 0        | 0        | 0        | 81,103         |
| Project Administration           | 5,943         | 1,779         | 1,475         | 0        | 0        | 0        | 0        | 0        | 9,197          |
| Technology Hardware/Software     | 6,523         | 3,827         | 4,070         | 0        | 0        | 0        | 0        | 0        | 14,420         |
| <b>TOTAL EXPENDITURES:</b>       | <b>43,226</b> | <b>35,192</b> | <b>26,302</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>104,720</b> |

### VOICE OVER INTERNET PROTOCOL (VOIP) PROJECT

**PROJECT #: 200000945**



DESCRIPTION: Deploy Voice over Internet Protocol countywide

LOCATION: Various Sites District Located: Countywide  
 Various Sites District(s) Served: Countywide

| REVENUE SCHEDULE:            | PRIOR        | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL        |
|------------------------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|--------------|
| ITD Operating Revenue        | 2,042        | 1,021        | 1,021        | 1,021        | 1,021        | 0        | 0        | 0        | 6,126        |
| <b>TOTAL REVENUES:</b>       | <b>2,042</b> | <b>1,021</b> | <b>1,021</b> | <b>1,021</b> | <b>1,021</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>6,126</b> |
| EXPENDITURE SCHEDULE:        | PRIOR        | 2019-20      | 2020-21      | 2021-22      | 2022-23      | 2023-24  | 2024-25  | FUTURE   | TOTAL        |
| Technology Hardware/Software | 1,957        | 637          | 1,385        | 1,036        | 1,111        | 0        | 0        | 0        | 6,126        |
| <b>TOTAL EXPENDITURES:</b>   | <b>1,957</b> | <b>637</b>   | <b>1,385</b> | <b>1,036</b> | <b>1,111</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>6,126</b> |

### UNFUNDED CAPITAL PROJECTS

| PROJECT NAME          | LOCATION       | (dollars in thousands)<br>ESTIMATED PROJECT COST |
|-----------------------|----------------|--|
| EXADATA SERVER        | 5680 SW 87 Ave | 1,868  |
| <b>UNFUNDED TOTAL</b> |                | <b>1,868</b>                                     |