**Agency Summary**

**Agency Code:** TO0  **Agency Name:** Office of the Chief Technology Officer

### ALLOTMENT SCHEDULE

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### FUNDING SCHEDULE

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<td>648,083</td>
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**Agency Description:**

Office of the Chief Technology Officer (TO)

The Office of the Chief Technology Officer (OCTO) was established in 1998 by Legislative Mandate D.C. Law 12-175 (Act 12-399) of the Budget Support Act to guide and leverage the District's investment in information technology and telecommunication systems. OCTO is directed to develop and enforce agency policy directives and standards throughout the District; and serve as a source of IT expertise. OCTO will strengthen the District's technology base to provide and implement technology-based solutions and make the District a recognized leader in information technology. FY 1999 was the first full year of operations for this office.
**Project Name:** ENTERPRISE ARCHITECTURE MANAGEMENT

**Subproject Name:** ENTERPRISE ARCHITECTURE MANAGEMENT

**Office of the Chief Technology Officer**

**Implementing Agency Name:** Office of the Chief Technology Officer

**Subproject Location:** 441 4th Street NW

### Milestone Data

- **Initial Authorization Date:** 9,000
- **Initial Cost:** New
- **Useful Life:** 10
- **Ward:** 2
- **CIP Approval Criteria:** Good Idea
- **Functional Category:** Technology
- **Mayor's Policy Priority:** Good Idea

### Subproject Description:

In FY 2007, this project will establish and customize Enterprise Architecture Repository and Modeler so that it can directly support audits of IT projects, as well as, executive decision support. Establish Enterprise Architecture Intranet repository and populate with existing content. Support the update of content and new content, across all programs. Create Intranet resource website (used by DC IT staff) for citywide architecture projects, containing standards, implementation guidelines, OCTO service descriptions, the Citywide Enterprise Architecture, and available specifications and models.

Staffing Detail: The local funds applications support staff will conduct user provisioning, technical support, enterprise architecture repository and modeling operations, modeling configuration management, and repository/modeler customization.

### Scope of Work:

- Establish Enterprise Architecture program.
- Survey and compile requirements for repository, toolset, and intranet resources
- Select products standards for Citywide IT System Repository and Toolset
- Acquire server capacity and software licenses

Establish Enterprise Architecture Intranet Site and populate with existing content (over 440 Megabytes accumulated to date). Create Intranet resource website (used by DC IT staff) for citywide architecture projects, containing standards, implementation guidelines, OCTO service descriptions, the Citywide Enterprise Architecture, and available specifications and models.
### Project Information

- **Project Code:** EQ1
- **SubProject Code:** 01
- **Agency Code:** TO0
- **Implementing Agency Code:** ELC
- **Project Name:** DC CABLE NET
- **Sub Project Name:** ELC - DC CABLE NET
- **Subproject Location:** 441 4th Street NW

### Milestone Data

- **Initial Authorization Date:**
- **Initial Cost:**
- **Useful Life:** 10 years
- **Ward:** District Wide
- **CIP Approval Criteria:** New Modernization or IT Project
- **Functional Category:** Technology
- **Mayor's Policy Priority:** New Modernization or IT Project
- **Program Category:**

### Allocated Budget

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<th>Year 2 FY 2008</th>
<th>Year 3 FY 2009</th>
<th>Year 4 FY 2010</th>
<th>Year 5 FY 2011</th>
<th>Year 6 FY 2012</th>
<th>6 Years Budget</th>
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### Subproject Description:

Through its franchise agreement negotiation, the District will negotiate a “dark fiber” voice, data and video network, ultimately interconnecting all District locations, providing high bandwidth connectivity supporting interactive video, high-speed data transfer, and toll-quality telephony. This infrastructure (owned and operated by the District) will replace most of the current leased and tolled telecommunications services.

### Scope of Work:

The scope of work for this subproject will include telecommunications equipment purchases, planting cable infrastructure, planning, and engineering services. The project scope has increased to take advantage of a much higher return on investment by making the DC Cable Net (DC-NET) network more comprehensive than was first thought possible due to the Comcast franchise agreement. The current project will allow the District Government to save at least $10 million per annum of operations cost in perpetuity. Furthermore, the fact that DC-NET will be built has eliminated the need for over $150 million in capital expenditures for DCPS and DDOT networks that would otherwise have to be built. In addition to the savings, DC-NET will provide a much more reliable service and much higher performance than we could possibly otherwise obtain.

**MAP:**

441 4th Street NW
Office of the Chief Technology Officer

Project Code: EQ2
SubProject Code: 01
Agency Code: TO0
Implementing Agency Code: ELC

Project Name: WIRELESS DATA
Sub Project Name: CITY-WIDE WIRELESS
Implementing Agency Name: Equipment Lease-Capitol
Subproject Location: 441 4th Street NW

ALLOTMENT SCHEDULE

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FUNDING SCHEDULE

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Milestone Data

- Initial Authorization Date: [Date]
- Initial Cost: [Amount]
- Implementation Status: New
- Useful Life: 10 years
- Ward: District Wide
- CIP Approval Criteria: [Criteria]
- Functional Category: Technology
- Mayor's Policy Priority: [Priority]
- Program Category: [Category]
- Development of Scope: Scheduled
- Approval of A/E: [Date]
- Notice to Proceed: [Date]
- Final design Complete: [Date]
- OCP Executes Const Contract: [Date]
- NTP for Construction: [Date]
- Construction Complete: [Date]
- Project Closeout Date: [Date]

Subproject Description:
This project enables government workers and especially public safety personnel with reliable wireless data services. Commercial carriers cannot provide the availability and priority needed for public safety.

Scope of Work:
The networks to be constructed can significantly reduce unnecessary expenses for District employees.

441 4th Street NW
Office of the Chief Technology Officer

Project Code: EQ3  SubProject Code: 01  Agency Code: TO0  Implementing Agency Code: ELC

Project Name: DESTINY  Sub Project Name: DMV DESTINY  Implementing Agency Name: Equipment Lease-Capitol

Subproject Location: 441 4th Street NW

**Milestone Data**

- Initial Authorization Date: 
- Initial Cost: 
- Implementation Status: New
- Useful Life: 10
- Ward: District Wide
- CIP Approval Criteria: New Modernization or IT Project
- Functional Category: Technology
- Mayor's Policy Priority: New Modernization or IT Project
- Program Category: 
- Development of Scope: 
- Approval of A/E: 
- Notice to Proceed: 
- Final design Complete: 
- OCP Executes Const Contract: 
- NTP for Construction: 
- Construction Complete: 
- Project Closeout Date: 

**Subproject Description:**

DESTINY provides application support for the core business of the Department of Motor Vehicles (DMV) in the District of Columbia.

**Scope of Work:**

The system includes vehicle registration, licensing, IDs, inspection, dealer tags, adjudication, and enforcement functionality with onsite, back-office, and web channels to support customers.
Office of the Chief Technology Officer

Project Code: EQ4
SubProject Code: 01
Agency Code: TO0
Implementing Agency Code: ELC

Project Name: HSMP
Sub Project Name: CHILD TRACKING
Implementing Agency Name: Equipment Lease-Capitol

Subproject Location: 441 4th Street NW

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**FUNDING SCHEDULE**

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**Milestone Data**

- Initial Authorization Date: Scheduled
- Implementation Status: New
- Useful Life: 10
- Ward: 2
- CIP Approval Criteria: New Modernization or IT Project
- Functional Category: Technology
- Mayor's Policy Priority: New Modernization or IT Project
- Program Category: Scheduled
- Development of Scope: Actual
- Approval of A/E: Scheduled
- Notice to Proceed: Actual
- Final design Complete: Scheduled
- OCP Executes Const Contract: Actual
- NTP for Construction: Scheduled
- Construction Complete: Actual
- Project Closeout Date: Actual

**Subproject Description:**

The HSMP project assures that the health and social services departments and agencies of District government are supported by fully-integrated, state-of-the-art information systems. HSMP evaluates business needs, plans system solutions, designs and builds applications, and implements and customizes industry applications and reporting systems.

**Scope of Work:**

Funds in FY2007 will augment existing available funds to provide specific support for the enhancement of the Safe Passages Information System (SPIS) Portal and related Common Client View applications, including continued expansion of agency/program data integration efforts, upgrade or replacement of additional agency/program case management systems and continued development of the HSMP business intelligence and reporting capabilities.
Office of the Chief Technology Officer

Project Code: HIP
SubProject Code: 41
Agency Code: TO0
Implementing Agency Code: TO0

Project Name: HIPAA PRIVACY AND SECURITY
Sub Project Name: IT SECURITY
Implementing Agency Name: Office of the Chief Technology Officer
Subproject Location: 441 4th Street, NW

Milestone Data

- Initial Authorization Date: 4,500
- Initial Cost: 4,500
- Implementation Status: New
- Useful Life: 10
- Ward: Other
- CIP Approval Criteria: Technology
- Mayor's Policy Priority: Other
- Program Category: Technology

ALLOTMENT SCHEDULE

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Subproject Description:

Implementation of the Standards and Specifications of the Security Rule in ten district agencies in accordance with the federal compliance requirements of the HIPAA, and assurances that the interfaces to MAA – MMIS are consistent with the Security Rule.

Scope of Work:

Update DOH/MAA interface, DOH/non-MAA, DHS, CFSA, DMH, OOA, FEMS, MPD, DOC, DCPS and OUC interfaces for security and privacy.
**Project Name:** HIPAA PRIVACY AND SECURITY  
**Sub Project Name:** PROVIDER ID  
**Subproject Location:** 441 4th Street, NW

### Allotment Schedule

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### Funding Schedule

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### Subproject Description:

Implementation of the Standards and Specifications of the National Provider System to implement the National Provider Identifiers in ten district agencies in accordance with the federal compliance requirements of HIPAA, and assurances that the interfaces to MAA – MMIS are consistent with the NPI transformations.

### Scope of Work:

DOH:MAA interface, DOH/non-MAA, DHS, CFSA, DMH, OOA, FEMS, MPD, DOC, DCPS and OUC interfaces
Project Code: N16  
SubProject Code: 01  
Agency Code: TO0  
Implementing Agency Code: TO0  
Project Name: DISTRICT REPORTING SYSTEM  
Sub Project Name: DCWAN  
Implementing Agency Name: Office of the Chief Technology Officer  
Subproject Location: 441 4th Street, NW

**ALLOTMENT SCHEDULE**

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**Milestone Data**

- Initial Authorization Date: 1993
- Initial Cost: 39,526
- Implementation Status: Ongoing Subprojects
- Useful Life: 10
- Ward: 2
- CIP Approval Criteria: New Modernization or IT Project
- Functional Category: Technology
- Mayor's Policy Priority: New Modernization or IT Project
- Program Category: Technology
- Development of Scope: 10/1/2003
- Approval of A/E: 10/1/2003
- Notice to Proceed: 1/1/2004
- Final design Complete: 3/1/2004
- OCP Executes Const Contract: 3/31/2004
- NTP for Construction: 3/31/2004
- Construction Complete: 9/30/2006
- Project Closeout Date: 3/31/2007

**Subproject Description:**

The DC Wide Area Network (WAN) is intended to provide the city with a system of intercommunication that will make the District government more efficient and effective in its delivery of services.

**Scope of Work:**

Connect the 18 mission critical agencies and expand the connectivity of the network to additional agencies as funding allows, so that all agencies are at least gatewayed into the D.C. WAN. Expand network capacity to accommodate agencies' changing needs. Construct two network operation centers and implement NOC software and hardware systems. Centralize intranet connections, convert from obsolete SMDS transport to frame relay, and transition to DC-NET transport.

**MAP**

441 4th Street, NW
**ALLOTMENT SCHEDULE**

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**FUNDING SCHEDULE**

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**Milestone Data**

- Initial Authorization Date: 1993
- Initial Cost: 19,222
- Implementation Status: Useful Life: 10
- Ward: District-Wide
- CIP Approval Criteria: New Modernization or IT Project
- Functional Category: Technology
- Mayor's Policy Priority: New Modernization or IT Project
- Program Category: Technology
- Development of Scope: Scheduled
- Approval of A/E: Scheduled
- Notice to Proceed: Actual: 11/1/2001
- Final design Complete: Actual: 11/1/2001
- OCP Executes Const Contract: Scheduled
- NTP for Construction: Actual: 9/30/2010
- Construction Complete: Actual: 9/30/2010
- Project Closeout Date: Actual: 9/30/2010

**Subproject Description:**

This subproject continues the “Washington Geographic Information System” (WGIS) work that has been underway for several years, in cooperation (under a “Memorandum of Understanding”) with several federal agencies and District agencies, including Office of Planning and Department of Public Works. The WGIS is a computer system capable of assembling, storing, manipulating and displaying data identified by location. For example, special data for a building could identify the building by its address; give its longitude-latitude coordinates; and provide information on some of its attributes, such as its size and use. A GIS can create links among separate databases, enhancing the strategic value in each. It can be a location-based information hub. The project includes requirements analysis, detailed design, systems development, and system installation.

**Scope of Work:**

The scope of work for this project includes performance of functional needs assessment, system design, detailed design, system development, and installation. Project also includes the development of maps, 3D models, databases and user applications. Develop internal GIS web application, citizens web site, emergency information web site, and city-wide master street address repository.
Project Name: TECH CITY
Sub Project Name: UNIFIED COMMUNICATION CENTER
Implementing Agency Name: Office of the Chief Technology Officer
Subproject Location: 2700 Martin Luther King Jr Ave. SE

ALLOTMENT SCHEDULE

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MILESTONE DATA

- Initial Authorization Date: 2005
- Initial Cost: 29,000
- Implementation Status: New
- Useful Life: 8
- CIP Approval Criteria: New Modernization or IT Project
- Functional Category: Physical Plant
- Mayor's Policy Priority: New Modernization or IT Project

MAP

2700 Martin Luther King Jr Ave. SE
Project Name: TECH CITY
Sub Project Name: DC CABLE NET

Office of the Chief Technology Officer
655 15th street n.w.

Scope of Work:
The scope of work for this subproject will include telecommunications equipment purchases, planting cable infrastructure, planning, and engineering services. The project scope has increased to take advantage of a much higher return on investment by making the DC Cable Net (DC-NET) network more comprehensive than was first thought possible due to the Comcast franchise agreement. The current project will allow the District Government to save at least $10 million per annum of operations cost in perpetuity. Furthermore, the fact that DC-NET will be built has eliminated the need for over $150 million in capital expenditures for DCPS and DDOT networks that would otherwise have to be built. In addition to the savings, DC-NET will provide a much more reliable service and much higher performance than we could possibly otherwise obtain.

Subproject Description:
Through its franchise agreement negotiation, the District will negotiate a “dark fiber” voice, data and video network, ultimately interconnecting all District locations, providing high bandwidth connectivity supporting interactive video, high-speed data transfer, and toll-quality telephony. This infrastructure (owned and operated by the District) will replace most of the current leased and tolled telecommunications services.
Subproject Description:
This project provides for the wireless data network that affords workers in agencies, such as the Department of Public Works and FEMA, with mobile computers (mobile data terminals) and software applications that will allow them to access their agencies’ systems remotely. The system will also expand communications among mobile workers from various agencies. The project also provides citizens with information delivered to their wireless devices.

Scope of Work:
The scope of work for this subproject will include public safety system design, city-wide system design, Intra-district agreements for city-wide equipment purchases and project management services.
**Project Code:** N17  
**SubProject Code:** 04  
**Agency Code:** TO0  
**Implementing Agency Code:** TO0  

**Project Name:** TECH CITY  
**Sub Project Name:** IT INFRASTRUCTURE IMPLEMENTATION  
**Implementing Agency Name:** Office of the Chief Technology Officer  
**Subproject Location:** District Wide

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### Milestone Data

- **Initial Authorization Date:** 2000  
- **Initial Cost:** 22,640  
- **Implementation Status:** Under design review  
- **Useful Life:** 10  
- **Ward:** District-Wide  
- **CIP Approval Criteria:** New Modernization or IT Project  
- **Functional Category:** Technology  
- **Mayor's Policy Priority:** New Modernization or IT Project  
- **Program Category:** Technology  
- **Development of Scope:** Scheduled Actual  
- **Approval of A/E:**  
- **Notice to Proceed:**  
- **Final design Complete:** OCP Executes Const Contract: NTP for Construction: Construction Complete:  
- **Project Closeout Date:** 3/31/2007  

### Subproject Description:

In coordination with the information technology standards issued by OCTO, establish baseline and performance metrics, and implement IT architecture management function.

### Scope of Work:

The scope of work for this subproject includes transition planning, infrastructure, and budget priority planning. District-wide messaging systems, and IT acquisition evaluation and analysis services. Expand city-wide messaging to all agencies, implement upgrade to supported software and hardware, and transition off obsolete systems. Expand infrastructure to support the project improvements. Implement wireless messaging system. Create Enterprise Architecture for District.
Office of the Chief Technology Officer

**Project Code:** N17  
**SubProject Code:** 05  
**Agency Code:** TO0  
**Implementing Agency Code:** TO0

**Project Name:** TECH CITY  
**Sub Project Name:** INFORMATION INFRASTRUCTURE (DATA)  
**Implementing Agency Name:** Office of the Chief Technology Officer  
**Subproject Location:** District Wide

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</table>

**Total:** 56,298 -600 55,698 636 0 0 0 0 0 0 636 56,334

### FUNDING SCHEDULE

<table>
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<tr>
<th>Cost Element Name</th>
<th>Through FY 2005</th>
<th>Budgeted FY 2006</th>
<th>Total</th>
<th>Year 1 FY 2007</th>
<th>Year 2 FY 2008</th>
<th>Year 3 FY 2009</th>
<th>Year 4 FY 2010</th>
<th>Year 5 FY 2011</th>
<th>Year 6 FY 2012</th>
<th>6 Years Budget</th>
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<tbody>
<tr>
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<td>Alternative Financing (0303)</td>
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**Total:** 56,298 -600 55,698 636 0 0 0 0 0 0 636 56,334

### Milestone Data

- **Initial Authorization Date:** 2000
- **Initial Cost:** 59,278
- **Implementation Status:** New
- **Useful Life:** 10
- **Ward:** District-Wide
- **CIP Approval Criteria:** Functional Category: Technology
- **Mayor's Policy Priority:** Technology
- **Program Category:** District Wide

### Scope of Work:

The scope of work for this subproject includes secure remote access systems implementation, database workflow management implementation and software licensing and support services. Expanded scope to incorporate information assurance, security policy development and computer security risk management. Implemented VPN remote access infrastructure and other access controls. Implemented storage area network in data centers. Standardized data center software licenses. Began implementing automated performance management systems across entire IT infrastructure.