

*City of Alexandria, Virginia*13
6-26-01

MEMORANDUM

DATE: JUNE 21, 2001

TO: THE HONORABLE MAYOR AND MEMBERS OF CITY COUNCIL

FROM: PHILIP SUNDERLAND, CITY MANAGER *ps*

SUBJECT: AUTHORIZATION OF RECOMMENDED CAPITAL PROJECT ALLOCATIONS AND PLANNED EXPENDITURES

ISSUE: City Council authorization of the recommended capital project allocations and planned expenditures.

RECOMMENDATION: That City Council authorize the capital project allocations and planned expenditures for the capital projects as detailed in the Capital Improvement Planned Expenditure Summary (Attachment 1).

DISCUSSION: This docket item provides a summary of Capital Improvement Program Planned Expenditures (Attachment 1). It includes projects reflected in the City's Fiscal Year 2002 Capital Budget, approved by City Council on May 3, 2001, or approved in capital budgets prior to FY 2002 with a CIP budget document page reference in Attachment 1. A project title listing appears on the next page and a detailed summary appears in Attachment 1. Given that the next capital allocation will not be until September, and given that a new fiscal year is about to start, the allocation listing is larger than usual.

Allocations are recommended for the following projects:

Schools

William Ramsay Elementary School	\$ 73,000
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Renovation of Existing City Facilities

T&ES Maintenance Facility (capital repairs)	\$ 380,000
City Hall (back-up generator)	\$ 200,000
City Hall (roof replacement)	\$ 140,000
Detention Center (shower renovation)	\$ 135,000
Health Facility (planning study)	\$ 50,000

Preservation of Historic Buildings	
Gadsby's Tavern (exterior renovation)	\$ 200,000
Sewers	
Sewer Rehabilitation & Pollution Abatement	\$ 500,000
Storm Sewer Reconstruction and Extension	\$ 200,000
Sanitary Sewer Reconstruction and Extension	\$ 200,000
Combined Sewer Overflows (East Area Pollution Abatement)	\$ 100,000
Streets and Bridges	
Mill Road Realignment (City share and State Funds)	\$ 500,000
Street and Pedestrian Improvements	\$ 200,000
Traffic Improvements and Rapid Transit	
Traffic Control Facilities	\$ 200,000
Recreation Facility Improvements	
Durant Center (renovation)	\$1,700,000
Recreation and Leisure Needs Assessment	\$ 75,000
Recreation Center Renovations (needs assessment)	\$ 25,000
Information Systems Development	
Alexandria Justice Information System (AJIS)	\$ 800,000
Permit Processing	\$ 125,000
Payroll-Personnel Systems	\$ 100,000
Geographic Information System (GIS) Development	\$ 100,000
Local Area Network (LAN) Based Time and Attendance	\$ 75,000
Real Estate Assessments Systems	\$ 65,000
Facilities Maintenance System	\$ 50,000
T&ES Infrastructure Management System	\$ 50,000
Replacement of Clipper-Based Applications	\$ 45,000
Personnel Systems	\$ 25,000
Document Management and Infrastructure	\$ 20,000
Business Tax Systems	\$ 20,000
City Intranet	\$ 20,000
DHS Client Services Information Access	\$ 5,000
Connectivity Projects	
Institutional Network Development (I-Net)	\$ 500,000
Network Infrastructure Upgrades	\$ 243,500
Public Access Development (Website Enhancements)	\$ 85,000
Database Infrastructure	\$ 22,000
Upgrade Network Operating System	\$ 20,000

Increase LAN Backbone Capacity	\$ 17,000
Network Security	\$ 15,000
Upgrade Workstation Operating System	\$ 12,000
Software Development and Maintenance Services	\$ 10,000
Individual Building LAN Development	\$ 8,000
Telephony Integration	\$ 5,000

ATTACHMENTS:

Attachment 1 - Capital Improvement Program Planned Expenditures

STAFF:

Mark Jinks, Assistant City Manager

Alfred Coleman, Budget/Management Analyst, Office of Management and Budget

CAPITAL IMPROVEMENT PROGRAM PLANNED EXPENDITURES
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This attachment provides summary information on capital improvement program projects for which work will be initiated and expenditures incurred during the upcoming months. Funding for all of the projects discussed below is included in the City's Approved FY 2002 Capital Improvement Program (CIP) budget or in prior year capital budgets.

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 001-161 Account No.200386 Sub-object 2121	William Ramsay Elementary School	\$73,000	\$73,000	Page 43 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the architectural and engineering design required for the renovation and conversion of the multipurpose room at William Ramsay Elementary School into classrooms that will eliminate the need for the portable trailers currently on the site. The adjacent Buddie Ford Nature Center will be included in the renovation and construction contract. The architectural and engineering design is scheduled to begin in summer 2001. The construction contract is scheduled to go out for bid in November or December 2001. Construction is scheduled to begin in January 2002, with an estimated completion date of September 2002. (Fund Source: Bond Proceeds - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-020 Account No.221127 Sub-object 2121	Transportation & Environmental Services (T&ES) Maintenance Facility	\$380,000	\$380,000	Page 109 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for capital repairs at the Transportation and Environmental Services (T&ES) Maintenance Facility. These repairs will include the installation of a new heating, ventilation and air conditioning (HVAC) system, the installation of new gutters and down spouts and the upgrade of the facility's electrical system. Work is scheduled to begin in October 2001 and is scheduled to be completed in January 2002. (Funding Source: Cash Capital - FY 1998 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-020 Account No.220954 Sub-object 2121	Renovation of Existing City Facilities (City Hall)	\$200,000	\$200,000	Page 109 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the installation of a new uninterrupted power source (UPS) to replace the existing back-up generator at City Hall. The existing generator is insufficient to provide the necessary power to the facility in the event of a power outage. This project is scheduled to begin in September 2001 and is estimated to be completed by October 2001. (Funding Source: Cash Capital - FY 1999 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-020 Account No.220954 Sub-object 2121	Renovation of Existing City Facilities (City Hall)	\$140,000	\$140,000	Page 109 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the replacement of the flat roof at City Hall. Work will include the complete demolition and replacement of the flat roof, the installation of a new piped roof, roof drainage system and the modification of existing rooftop mechanical and electrical equipment. Work is scheduled to begin in September 2001 and is estimated to be completed by October 2001. (Funding Source: Cash Capital - FY 1999 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-020 Account No.221034 Sub-object 2121	Renovation of Existing City Facilities (Detention Center)	\$135,000	\$135,000	Page 109 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the design and installation of new showers and the renovation of existing showers at the City's Detention Center. The additional showers will bring the facility up to State standards for an inmate to shower ratio of 12:1. The design includes the renovation of 31 existing showers and the addition of 14 new showers throughout the facility. Design will start this summer and the project will be undertaken in the fall. (Funding Source: Cash Capital - FY 2001 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-020 Account No.221085 Sub-object 2121	Renovation of Existing City Facilities (Health Facility)	\$50,000	\$50,000	Page 109 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for a Health Facilities Planning Study. This assessment will determine the space and facility program needs to deliver services currently provided at the Health Department's St. Asaph's facility which is scheduled for replacement due to the age and condition of the current facility. This is the first step necessary to begin the building replacement project. This fall, Council will be receiving the plans for communicating to citizens the City's project which will move the facility to a location closer to the West End of Alexandria. (Funding Source: Cash Capital - FY 2001 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-003 Account No.220962 Sub-object 2121	Preservation of Historic Buildings (Gadsby's Tavern)	\$200,000	\$200,000	Page 95 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the renovation of the exterior of the Gadsby's Tavern. The renovation will include roof replacement, the installation of new gutters and down spouts and brick pointing. The renovation is scheduled to begin in July 2001 and is to be completed within 75 days following initiation. (Funding Source: Cash Capital - FY 2001 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 013-010 Account No.255208 Sub-object 2121	Sewer Rehabilitation and Pollution Abatement	\$500,000	\$500,000	Page 158 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the engineering and planning of improvements to the City's combined and separate sanitary sewer systems. The project is required to meet federal and State regulations for the control of combined sewer overflows (CSO) and separate sanitary sewer overflows (SSO). In addition, this project will provide flooding and capacity relief in areas where the capacity of existing sewers is insufficient to handle current and projected flows, and ultimately reduce the SSO. By implementing this project, the City will be proceeding in upgrading its sewer infrastructure. This project is ongoing. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 012-003 Account No.250076 Sub-object 2121	Storm Sewer Reconstruction and Extension	\$200,000	\$200,000	Page 160 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for ongoing storm sewer reconstructions and miscellaneous storm sewer repairs throughout the City. In addition, this allocation will provide funding for fees for the Engineer of Record's assigned tasks for storm sewer designs for reconstruction at Lee Street at Wilkes Street; Lee Street at Franklin Street; Union Street at Princess Street; and the Unit Block (addresses 1 to 99) of East Maple Street. Storm sewer reconstruction projects are ongoing through FY 2002. (Funding Source : Cash Capital - FY 2002 funds).

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 013-005 Account No.255133 Sub-object 2121	Sanitary Sewer Reconstruction and Extension	\$200,000	\$200,000	Page 153 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for ongoing sanitary sewer reconstructions and miscellaneous sewer repairs City-wide. This allocation will also provide funding for fees for the Engineer of Record's assigned tasks for sanitary sewer designs for reconstruction at the Unit block of West Uhler Avenue; the Unit Block (addresses 1 to 99) of Caton Avenue; the 2700 to 2900 blocks of Hickory Street; and the 300 block of Mount Vernon Avenue. Sanitary sewer repairs and reconstruction projects are ongoing. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 013-010 Account No. 255208 Sub-object 2121	Sewer Rehabilitation and Pollution Abatement	\$100,000	\$100,000	Page 158 of the City's FY 2002 CIP Document

This allocation will provide funding for engineering services required for the Sewer Rehabilitation and Pollution Abatement project. Services will include data processing, event notification and monitoring of combined sewers. This project is ongoing. (Funding Source: Cash Capital - FY 2001 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-105 Account. No.265520 Sub-object 2121	Mill Road Realignment	\$500,000	\$500,000	Page 139 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the construction phase of the realignment of Mill Road between Roberts Lane and Telegraph Road to remove hazardous curves from the roadway. Utility construction is scheduled to begin in summer 2001. This project is funded under the Virginia Department of Transportation (VDOT) Urban System Improvement Program and the City is responsible for two percent of the project costs. The entire project is scheduled to continue through FY 2002. (Funding Source: Cash Capital (\$10,000) and Revenues (\$490,000)-FY 2001 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 011-011 Account No.247357 Sub-object 2121	Street and Pedestrian Improvements	\$200,000	\$200,000	Page 148 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for ongoing street reconstruction and street repairs City-wide. In addition, this allocation will fund fees for the Engineer of Record's assigned tasks for street designs at Filmore Avenue (Seminary to Stevens Street); Powhatan Street (Washington Street to Second Street); Linden Street (Commonwealth Avenue to North View Terrace) and the alley off Duncan Avenue (Duncan Avenue to Bellefonte Avenue). Street repairs are ongoing through FY 2002. (Funding Source: Cash Capital - FY 2001 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 009-039 Account No.235390 Sub-object 2121	Traffic Control Facilities	\$200,000	\$200,000	Page 119 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the ongoing scheduled installation, replacement and upgrade of traffic signal equipment City-wide that requires a high level of maintenance and the emergency replacement of equipment damaged by nature and /or vehicular traffic. In addition, this allocation will provide for the ongoing replacement of cable between the signal equipment and the City's central traffic computer. The current cable, which was last replaced in the early 1980's, has substantially exceeded its useful life. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 005-105 Account No.221101 Sub-object 2121	Recreation Facility Improvements (Durant Center)	\$1,700,000	\$1,700,000	Page 88 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the renovation of the Durant Center. Following the renovation, the facility, which has not been renovated since the 1950's, will provide activity space for community and Special Needs recreation as well as new multi-purpose space to be shared with Jefferson-Houston School for the Arts and Academics during the day. In addition to program areas, the facility will include rehearsal space, a stage, reception desk, meeting rooms, service kitchen, staff offices, store rooms and community arts office. The project is planned to be bid this summer and is estimated to be completed in mid-2002. (Funding Source: Cash Capital - FY 1997, FY 1998, FY 2001 and FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-179 Account No.215445 Sub-object 2121	Recreation and Leisure Needs Assessment	\$75,000	\$75,000	Page 88 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for a City-wide recreation and leisure needs assessment that will provide the City with a comprehensive assessment of the City's future needs for the next twenty years for recreation programs and services. This assessment will have some focus on the needs of teens and older adults as well as children and provide information for the best utilization of existing or new facilities. This study will address construction and operating cost issues. In addition, the consultant to be hired will also evaluate the need for a multi-generational community center and a teen center. If there is a demonstrated need for those facilities, the consultant will identify the approximate cost and where such a facility would be best located. In conjunction with the Open Space Study currently being developed, these two studies will provide a comprehensive Park and Recreation Master Plan for the City. The total cost of this assessment is estimated to be \$100,000, with the balance of \$25,000 coming from the Recreation Center Renovations account. The needs assessment will include significant public participation and should take approximately twelve months to complete. A consultant is scheduled to be selected on or near August 1, 2001. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 004-179 Account No.265678 Sub-object 2121	Recreation Center Renovations	\$25,000	\$25,000	Page 88 of the City's FY 2002 CIP Budget Document

This allocation will provide the remaining funds necessary to initiate and complete the Recreation and Leisure Needs Assessment described in the previous project. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265744 Sub-object 2121	Systems Development (Alexandria Justice Information System)	\$800,000	\$800,000	Page 213 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for continuing work towards the completion of the Alexandria Justice Information System (AJIS) in July 2002. AJIS will replace the Alexandria Criminal Justice Information System (CJIS), which is a modified version of a system developed in the 1970's which runs on Arlington County's mainframe computer. AJIS, as does CJIS now, will serve the entire justice (civil and criminal) related organizations of the Alexandria government. This allocation will carry the project to mid-FY 2002 and will include several of the tasks required to complete the AJIS project by the end of July 2002. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265769 Sub-object 2121	Systems Development (Permit Processing)	\$125,000	\$125,000	Page 220 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the continued development of the City's various permit systems, the most important of which is Permit*Plan, which supports the administration of the City's building permit process used in Code Enforcement, Transportation and Environmental Services, Planning and Zoning, Archaeology, Health, Fire and Recreation Departments. This allocation will include funding for the acquisition of mobile devices that will allow inspectors to make reports from the field and provide the capability to provide letters and notices on-site to contractors, customers and citizens. In addition to providing the immediate delivery of necessary documents in the field, mobile permitting will eliminate redundant data entry for inspectors. The request for proposal for this system is now being drafted and is planned to be issued in early FY 2002. This allocation will carry the project through mid-FY 2002. (Funding Source: Cash Capital - FY 2001 and FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265686 Sub-object 2121	Systems Development (Payroll/Personnel System)	\$100,000	\$100,000	Page 203 of the City's FY 2002 CIP Budget Document

This allocation will provide funding to undertake initiatives in regard to the City's current Payroll/Personnel Systems. The City's current Payroll/Personnel Systems do not meet the City's needs in many areas such as benefits, applicant tracking and position management. As a result, these funds will be used to undertake a few initiatives in this area. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265710 Sub-object 2121	Systems Development (Geographic Information System)	\$100,000	\$100,000	Page 209 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the update and maintenance of the base layers currently included in the system (parcels, buildings, streets, curbs, gutters, street center lines, zoning, railroad lines and water features). In addition, this allocation will provide for the creation of new layers, including Public Safety layers such as fireboxes and police beats, those related to the recent federal Census, such as tracts, blocks and lots, and a number of Transportation and Environmental Services layers. This allocation will carry this ongoing project through the winter of 2001. (Funding Source: Cash Capital - FY 2001 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265690 Sub-object 2121	Systems Development (LAN-Based Time and Attendance)	\$75,000	\$75,000	Page 203 of the City's FY 2002 CIP Budget Document

This allocation will provide funding to continue the phasing in of an automated Remote Time and Attendance system, to improve the capture of time and attendance for City employee payroll and leave purposes. This project was initiated in FY 2001 and will continue through FY 2002. This allocation will carry the project through the fall of 2001. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265504 Sub-object 2121	Systems Development (Real Estate Assessment Systems)	\$65,000	\$65,000	Page 203 of the City's FY 2002 CIP Budget Document

This allocation will provide funding to replace both the City's Real Estate Assessment program (CARAT) and the database engine (Datapoint) with a Graphical User Interface (GUI) in a Windows environment and will use either Microsoft SQL or Sybase, which are the City standards for database engines. Redeveloping these systems in a standard database is critical to the future integration of Geographical Information Systems (GIS), Permit Processing and other real property based systems. This allocation will carry this project through the fall of 2001. (Funding Source: Cash Capital - FY 2000 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265250 Sub-object 2121	Systems Development (Facilities Maintenance System)	\$50,000	\$50,000	Page 220 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the acquisition and installation of an automated facilities management system to assist the Department of General Services in effectively managing and maintaining City facilities. This system will enable the Department to capture, schedule and track completion of repair requests received annually and provide the capability for creating, storing and updating a comprehensive inventory of facilities equipment and systems including age, condition, life expectancy and maintenance requirements. The system is scheduled to be purchased in early FY 2002. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265350 Sub-object 2121	Systems Development (T&ES Infrastructure Management System)	\$50,000	\$50,000	Page 220 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the automation of the process for work input and control of the City's municipal assets. Currently, the Transportation and Environmental Services (T&ES) Operations Division (Maintenance and Solid Waste) uses semi-automated processes for work input and control of the City's municipal assets. These systems log work to be accomplished and work that has been completed, however no entry is made into an historic file. If management wants to see the amount and type of work that has taken place over a period of time on a specific asset (for example an 8-inch sanitary sewer main connecting East Bellefonte Avenue with the Commonwealth Connector) a manual search has to be done. The initial scope of this project would only involve automating the work flow associated with sewer system maintenance activities. The system to be implemented would have the capability to be expanded to assist in the infrastructure maintenance activities of other divisions in T&ES. A preferred system would include these above and will be interfaced with the City's GIS system for mapping, and the City's accounting and budgetary systems for cost data. This system is scheduled to be implemented by the fall of 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265275 Sub-object 2121	Systems Development (Replacement of Clipper-Based Applications)	\$45,000	\$45,000	Page 220 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the replacement of Clipper and other small applications systems, such as Paradox, that have been developed in computer languages that are no longer widely used and are therefore difficult to maintain and support with commercially available products. In the event that a suitable commercial replacement is unavailable, staff will re-write these systems in a computer language which City staff can

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support and for which contract resources are already available. This project is scheduled to begin in summer 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265934 Sub-object 2121	Systems Development (Personnel Systems)	\$25,000	\$25,000	Page 200 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the development of applications that support the administration of the City's Personnel policies and procedures. The services anticipated to be delivered by these systems upon completion include on-line access to training records; class specifications; personnel records; grievances and discipline results; on-line access to training class sign-up by potential students; enrollment status of those classes; improved processing of employment applications and resumes' with appropriate linkages to applicant tracking reporting and management. This project is expected to begin in the summer 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265165 Sub-object 2121	Systems Development (Document Management and Infrastructure)	\$20,000	\$20,000	Page 200 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the replacement of the City's current imaging infrastructure used primarily for the City Council Docket Storage and Retrieval (DSR) System and the Planning and Zoning Docket Systems. The current system is no longer commercially available or supported. A pilot project will be run this summer and fall in the Police Department to evaluate new technologies. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265496 Sub-object 2121	Systems Development (Business Tax Systems)	\$20,000	\$20,000	Page 203 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the redevelopment of the business tax system, including the consolidation of business personal property and business license services in a thin-client, Windows-based environment that will be fully integrated with the Windows-based vehicle personal property system that was implemented in FY 1997. By integrating the business license tax with the personal property tax and other business taxes, staff will be able to provide one stop tax processing for businesses. This project is scheduled to begin in summer 2001. (Funding Source: Cash Capital - FY 2001 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265450 Sub-object 2121	Connectivity Projects (City Intranet)	\$20,000	\$20,000	Page 220 of the City's FY 2002 CIP Budget Document

This allocation will provide funding to complete the construction of the City's basic Intranet infrastructure and begin developing content and related applications. An Intranet is the application of Internet technologies over an organization's internal network. The information that is provided through an Intranet is available only to an organization's employees and resides on an organization's existing network. The Intranet allows for the display of documents, submission of information using electronic forms and enhanced employee collaboration. This allocation will carry this ongoing project through the fall 2001. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-015 Account No.265485 Sub-object 2121	Systems Development (DHS Client Services Information System)	\$5,000	\$5,000	Page 195 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the continued acquisition of hardware and software necessary to develop the content of the Department of Human Services (DHS) Client Services Information System. This touchscreen system will provide an overview of DHS programs as well as specific information on selected subjects, with self-repeating (looping) brochures and print-on-demand services available in English or Spanish. This project is scheduled to begin in summer 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.260143 Sub-object 2121	Connectivity Projects (Institutional Network Development)	\$500,000	\$500,000	Page 182 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the completion of all of the connections for the sites cited in the original phase implementation plan of the City's Institutional Network (I-Net). This project is funded by Comcast Cable Communications capital grant monies and sustains the continued activation of the fiber optic network Jones Communications installed for the City. In FY 2003 some of the data communication links between major City, School, and Library facilities will be upgraded to provide improved speed and services. This allocation will fund this phase through fall 2001. (Funding Source: Private Contribution - FY 2001 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265447 Sub-object 2121	Connectivity Projects (Network Infrastructure Upgrades)	\$243,500	\$243,500	Page 177 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the continued phased replacement of the hardware and software required to operate the City's computer network services in a safe and reliable manner. This allocation will carry this project through Fall 2001.(Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265355 Sub-object 2121	Connectivity Projects (Public Access Development (Website Enhancements))	\$85,000	\$85,000	Page 191 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the continued expansion of the City's website. This allocation will provide for the enhancement of on-line employment system functionality and connection of the on-line employment system to the back-end database for job applications; test and implement a list service (ListServ) messaging system for City departments to better communicate with citizens; implementation of a website for the Department of Human Services, including a section to provide updated child care provider information to citizens by connecting to the Child Care database; enhancement of City staff access to the website by adding additional bandwidth to the telecommunications link; and the set up of a process for any Board or Commission to post meeting minutes automatically. Development and implementation of these project elements are scheduled to begin in summer 2001. This allocation will carry this ongoing project through winter 2001. (Funding Source: Cash Capital - FY 2000 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265371 Sub-object 2121	Connectivity Projects (Database Infrastructure)	\$22,000	\$22,000	Page 193 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the codification of rules, processes and data elements contained in key City databases used to facilitate sharing and exchanging of data between applications and to safeguard the integrity and security of financial and safety data, which is a pre-condition for the development of integrated City systems. This allocation will carry this ongoing project through the winter 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265314 Sub-object 2121	Connectivity Projects (Upgrade Network Operating Systems)	\$20,000	\$20,000	Page 177 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the upgrade of the network operating systems used by the City's network and application servers. The upgrades of these systems will provide the ability to synchronize the directory and user entries on all Wide Area Network (WAN) connected servers, simplifying the administration of these servers and will provide improved performance and improved integration of the Windows 2000 database applications. This allocation will carry this ongoing project through fall 2001. (Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265330 Sub-object 2121	Connectivity Projects (Increase LAN Backbone Capacity)	\$17,000	\$17,000	Page 177 of the City's FY 2002 CIP Budget Document

This allocation will provide funding to increase the Local Area Network (LAN) Backbone capacity in City facilities which will increase the speed by which data is delivered to users of the City's computer networks. By providing equipment upgrades to the network backbone, it is possible to provide better quality services to computer users by significantly reducing the time spent waiting for network responses for data. The upgrades will also enable a much wider exchange of graphical images and other items such as maps and video that demand high bandwidth. This allocation will carry this ongoing project through fall of 2001. Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265876 Sub-object 2121	Connectivity Projects (Network Security)	\$15,000	\$15,000	Page 182 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the acquisition of hardware and software needed to provide security to the City's desktop computers, mobile computers, network server and services. This project will enhance productivity and afford better quality service through the elimination of potential system intrusions that may disrupt network operations, damage system and data files and otherwise compromise the integrity of the City's networked environment. This allocation will carry this ongoing project through Fall 2001.(Funding Source: Cash Capital - FY 2002 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265322 Sub-object 2121	Connectivity Projects (Upgrade Workstation Operating Systems)	\$12,000	\$12,000	Page 177 of the City's FY 2002 CIP Budget Document

This allocation will provide funding to upgrade the operating system on City computer work stations with the latest version of either Windows, or in limited cases UNIX or UNIX derivatives such as Linux. This project also provides additional work station memory and larger capacity hard drives as necessary. These upgrades are required for the next generation of City e-mail messaging, financial, public safety, GIS and other applications. Continuing rapid changes in operating system technology will, for the foreseeable future, require upgrades approximately every 24 to 36 months. This allocation will carry this project through fall of 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265399 Sub-object 2121	Connectivity Projects (Software Development And Maintenance)	\$10,000	\$10,000	Page 193 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the planning and implementation of a software development and maintenance environment that strengthens the City's institutional knowledge of its mission-critical software systems; enables the development of systems with minimal specification changes through the principle of software development life cycle (SDLC); and enables elements of programming code to be re-used, reducing the time and cost of developing and maintaining computer systems. This allocation will carry this ongoing project through FY 2002. (Funding Source: Cash Capital - FY 2001 Funds)

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Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265306 Sub-object 2121	Connectivity Projects (Individual Building LAN Development)	\$8,000	\$8,000	Page 177 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for the installation of, or upgrades to Local Area Networks (LANs) located in many City government buildings. This allocation will also fund the acquisition of the LAN infrastructure components (ethernet switches, punch down blocks, cabling, etc.) needed to complete the replacement of remote dial-up services. These new components will be connected to the I-Net ATM switches at each site and additional LAN infrastructure equipment will be installed where necessary. This allocation will carry this project through fall of 2001. (Funding Source: Cash Capital - FY 2002 Funds)

Project Number Index Code/ Sub-object	Project Title	Approved Funding Available	Planned Expenditure Amount	Budget Document Page Reference
Project 015-014 Account No.265454 Sub-object 2121	Connectivity Projects (Telephony Integration)	\$5,000	\$5,000	Page 182 of the City's FY 2002 CIP Budget Document

This allocation will provide funding for consulting services needed to complete the RFP review process for the possible replacement of or improvements to Bell Atlantic (now known as Verizon) Centrex service with telephone service to the City governments, Schools and Libraries. The project anticipates potential improvements to the existing telephone exchange systems, but the system cost, ownership and design is not yet known. Only \$5,000 is included for FY 2002 at this time to complete the analysis of the RFP derived alternatives. (Funding Source: Cash Capital - FY 2002 Funds)

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