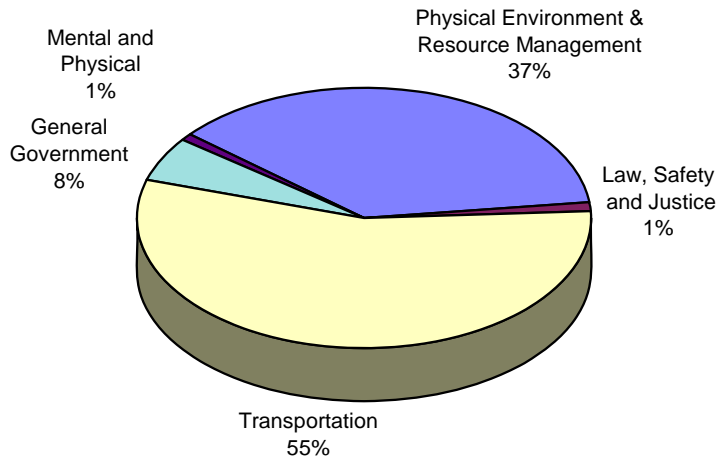
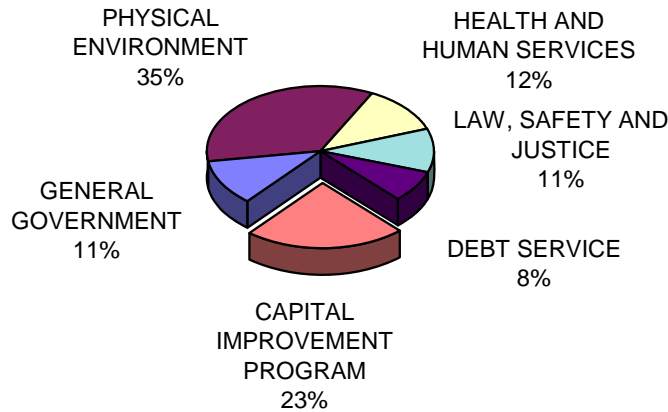


## Capital Improvement Program \$1.096 Billion



Due to rounding, figures in pie chart may not add to 100%

## **INTRODUCTION**

This chapter on King County's Capital Improvement Program Plan (CIP) provides an overview of the capital program. The complete CIP budget at the project level of detail is published as a separate document entitled: "2008 Executive Proposed Capital Improvement Program." The Transit capital improvement program budget is submitted as a biennial budget for the 2008/2009 timeframe.

The 2008 Executive Proposed Capital Improvement Program (CIP) budget is approximately \$1.2 billion. Of the \$1.2 billion of budget authority, approximately \$542 million includes Transit expenditures for 2008-9, \$273 million for Wastewater Treatment, \$79 million for Solid Waste Facilities, \$63 million for Road Services, a \$61 million transfer from Transit's Capital Improvement Program to Operating for 2008-9 and \$182 million for other miscellaneous county projects. This capital program will improve the infrastructure for transit, roads, public safety, parks, wastewater treatment, surface water management, solid waste disposal and public health.

The Capital Improvement Program Budget is divided into six program categories. The *Law, Safety, and Justice Program* includes capital improvements to facilities housing the operation of the King County Superior Court, King County District Courts, the King County Prosecuting Attorney, the Department of Adult & Juvenile Detention, and the King County Sheriff. The *Mental and Physical Health Program* includes capital improvements to Harborview Medical Center's, public health clinics, plus alcoholism and drug treatment facilities. The *General Government Services Program* includes capital improvements for King County facilities, as well as technological improvements. The *Physical Environment and Resource Management Program* includes CIP projects for solid waste, flood hazard reduction and river maintenance, surface water management, agriculture and forest preservation, conservation futures acquisitions, open space acquisitions, parks and wastewater treatment facilities. Finally, the *Transportation Program* includes CIP projects for the Transit System, county streets and roads, and the King County International Airport.

### **Relationship to the Growth Management Act / King County Comprehensive Plan**

The 2008-2013 King County Capital Improvement Program becomes the updated capital facilities component to the King County Comprehensive Plan and occurs as an amendment to the King County Comprehensive Plan. The 2008-2013 King County Capital Improvement Program, when adopted by the King County Council, will satisfy the Growth Management Act requirement to provide a six-year plan that will finance capital facilities within projected funding capacities and clearly identify sources of public money for those capital facilities.

### **2008 Goals and Highlights**

The 2008 goals and objectives for the 2008-2013 CIP include the following:

- to preserve and enhance the many values of the county's natural drainage system including water quality, fish and wildlife habitat, to construct drainage and erosion control facilities, levee and revetment repairs and rehabilitation, and flood protection facility and flood hazard assessments;

## CAPITAL IMPROVEMENT PROGRAM PLAN

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- to ensure continued operation and reliability of existing wastewater treatment assets, enhance regional water quality, and ensure sufficient capacity to meet wastewater treatment needs;
- to address transportation networks and growth impact needs, and to provide cities a means to accelerate the development of roads in areas which will ultimately be annexed by those cities;
- to maintain the structural integrity and efficiency of the general government and other special purpose buildings and facilities owned by King County, by constructing, maintaining, and equipping facilities appropriately;
- to provide county employees with appropriate tools through technological upgrades in order to manage functions efficiently and effectively;
- to enhance recreational opportunities and the county open space system, through acquisition of land and the development and rehabilitation of facilities; and
- to maintain the Solid Waste disposal system's ability to meet the volume demands on it, to ensure that Solid Waste facilities are operated in an environmentally responsible manner, and to provide for the ongoing maintenance and monitoring of the various landfills including their eventual closure.

**CAPITAL PROGRAMS AND SIGNIFICANT PROJECTS**

**Law, Safety, and Justice (LS&J) Capital Program**

The 2008 Executive Proposed Capital Budget for Law, Safety, and Justice (LS&J) includes \$1,455,393 for eight technology projects and \$4,452,230 for six facility projects. The proposed projects will address life safety concerns, improved service delivery and improved operational efficiency.

**Technology and Facility Projects Proposed for 2008 Budget**

Agency	Project Name	2008 Executive Proposed	Existing Project
<b>FACILITIES</b>			
FMD	District Courts Access Control (Alarms and Keycards)	\$ 353,321	
FMD	FMP - Superior Court	\$ 465,714	
FMD	Yesler Building Fl 2 DAJD Remodel	\$ 129,704	
FMD	Camera Recording System - KCCF, RJC, & YSC	\$ 3,133,869	
FMD	KCCF Generator Room Improvements	\$ 320,629	
FMD	Courthouse Courtroom Acoustical Treatment	\$ 48,993	
<b>TECHNOLOGY</b>			
DAJD	Novell to Windows Migration	\$ 525,000	
DAJD	Community Corrections Application Upgrade	\$ 275,000	<b>X</b>
DJA	CORE Upgrade Business Case	\$ 120,000	
KCSO	SECTOR Deployment	\$ 50,000	
KCSO	KCSO IT Strategic Plan	\$ 200,000	
KCSO	IRIS/TESS Replacement Project	\$ 222,000	
KCSO	Inventory Tracking and Asset Management	\$ 35,640	<b>X</b>
KCSO	Bait Car Control System	\$ 27,753	
<b>TOTALS</b>			
	Facilities	\$ 4,452,230	
	Technology	\$ 1,455,393	
	Total	\$ 5,907,623	

**LS&J Technology Projects**

**DAJD: Novell to Windows Migration: \$525,000**

The Department of Adult and Juvenile Detention (DAJD) uses Novell as the operating system that supports the department's day-to-day operations. While this technology has been in place for nearly two decades, the department finds itself as one of the few Novell users in King County. With the exception of one or two small units, all other county departments are currently using Microsoft's Windows Server 2003 to support their department's automation requirements. Upon completion of this project, DAJD will have migrated entirely to the Microsoft Windows Server 2003 operating system. Novell will no longer be utilized within the department.

**DAJD: Community Corrections (ComCor) Application Upgrade: \$275,000**

The primary objective of the Community Corrections Division is to meet the county directives by minimizing crowding in secure detention facilities, reducing bed occupancy, decreasing the failure to appear rate, increasing participant accountability, complying with participant Condition of Conduct Orders, and providing quality alternatives and programming which may lower a defendant's rate of recidivism. The ComCor Application Upgrade Project will enable the division to meet its primary objective by selecting and implementing a technology solution that will support the Community Corrections operational needs. The selected alternative must provide and support automatic

## CAPITAL IMPROVEMENT PROGRAM PLAN

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calendar, work scheduling factors and class scheduling for all programs within CCD. This proposed budget will fund the project through the Request for Proposal (RFP) stage of the project at which point the project team will have a clearer understanding of funding required for implementation and request this amount in a mid-year supplemental budget request.

### **DJA: CORE Upgrade Business Case: \$120,000**

This project will develop a business case, requirements assessment, and technical alternatives analysis for the future upgrade of CORE. CORE is the primary client application for the Electronic Court Records system and is used by all DJA staff and staff in other agencies to facilitate the scanning, indexing, docketing, and associated document work flow and routing activities related to Superior Court case filings. The CORE application is approaching end-of-lifecycle. It is based on a technology set which limits its support and enhancement capabilities and prevents it from being run on current operating systems. It cannot be readily adapted to meet future integration and data exchange requirements, including key changes anticipated to result from the replacement of the Washington State Administrative Office of the Court's primary data systems, with which CORE exchanges data.

### **KCSO: SECTOR Deployment: \$50,000**

The Statewide Electronic Collision and Ticket Online Records (SECTOR) initiative is a technology project for Washington State, sponsored by the Washington State Patrol to automate and simplify the creation of tickets and collision reports by law enforcement agencies. SECTOR is a component of the eTrip initiative. The eTrip initiative is a collaborative effort among state and local agencies to create a seamless and integrated system through which traffic-related information can travel from its point of origin to its end use and analysis. The heart of this undertaking is to eliminate the excessive inefficiencies characteristic of the state's current paper-based process of collecting and exchanging core business information. This proposed budget will fund a pilot program to be rolled out in a limited number of vehicles.

### **KCSO: KCSO Information Technology Strategic Plan: \$200,000**

The King County Sheriff's Office is in the process of creating an IT technology plan for 2008 through 2010. Part of that plan will require the completion of a technology strategic planning exercise. While most of the technology plan is being created in-house, under the supervision of the Technology Manager, it is the intent of the department to secure an outside vendor to facilitate the strategic planning exercise. Once the strategic plan is completed, it will be added to the technology plan as an addendum.

### **KCSO: IRIS/TESS Replacement Project: \$222,000**

The IRIS (for criminal activity) and TESS (for evidence management) applications are not designed to support KCSO's current and emerging environment. They were not engineered for high performance, security and scalability in a heavily multi-user and/or wireless environment. This situation causes a significant productivity impact for deputies in the field and complicates participation in county integration projects (such as LSJ-I's "Automated Booking and Referral" project). In addition, the current systems (IRIS and TESS) are brittle, inadequate to the needs of its users and non-compliant with federal data standards relating to records management systems. This project will develop the requirements for replacement with a system that will increase architectural flexibility, improve data management and improve technology operation and give the officers more efficient access to system functionalities.

### **KCSO: Inventory Tracking and Asset Management: \$35,640**

This project is a plan to upgrade the Sheriff's Office existing Inventory & Help Desk software environment for inventory/asset tracking, workload, and technical support accountability. The current software solution must be replaced as it is obsolete, and is incompatible with the new Active Directory/Windows Server 2003 environment. The project requested software synchronizes end user data automatically with Active Directory and automatically turns end user e-mail requests and

## CAPITAL IMPROVEMENT PROGRAM PLAN

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intelligent network device requests into work orders. It also tracks and reports trends with possible problem hardware, warranties, and support statistics.

### **KCSO: Bait Car Control System: \$27,753**

KCSO currently lacks a system for apprehending and convicting auto theft suspects using a “bait car” system. The insurance companies of Washington would partner with King County to implement a bait car program. The insurance companies will supply a vehicle to use for this project. King County will purchase the software and hardware to be installed in this vehicle. Once the equipment is purchased it can be used and moved to future vehicles used in this program. These systems are in use with great success throughout the United States and Canada at this time. Agencies that currently employ a Bait car program have seen reductions in damage claims, lawsuits, complaints, and increased offender convictions.

### ***COUNCIL ADOPTED BUDGET***

*377208 – Novell to Windows Migration – (\$575,000)*

### **LS&J Facility Projects**

#### **Facility Master Plan – Superior Court: \$465,714**

The project provides for the second phase of the facility master planning for the King County Superior Court - Family Law Court. The project will develop the detailed building program and preliminary cost estimates of the approved operational model from phase one.

#### **Camera Recording System: \$3,133,869**

The CIP Video Security Project will provide coverage through live and recorded video in the Department of Adult and Juvenile Detention facilities. A phased-approach for the design and installation of new security cameras as well as recording enhancement to existing security cameras will provide the ability to view prioritized areas in the Juvenile Division, King County Correctional Facility Division and the Norm Maleng Regional Justice Center Division.

#### **King County Correctional Facility Generator Room Improvements: \$320,629**

The project will correct the following deficiencies in KCCF Generator Room identified in a recent insurance review; 1) inadequate storage facility for flammable liquids, 2) lack of a containment curb at the doorway separating the generator room from the adjacent space, 3) rigid fuel line connections at generator and day tank, 4) the lack of a sprinkler system in the generator room. The project will also install a seismic gas shut off valve at the incoming gas line.

#### **District Court Access Control: \$353,321**

In response to the District Court Facilities Master Plan, this high priority security project will create a restricted zone to separate staff and public at the Burien, Redmond, Shoreline and Issaquah District Courts utilizing a key card access control system. The project will also provide duress alarms at the bench for both the judge and clerk.

### ***COUNCIL ADOPTED BUDGET***

*Council made no changes to the 2008 Executive Proposed Budget.*

**Health and Human Services**

The 2008 Executive Proposed Capital Budget for Health and Human Services is divided into two programmatic areas: capital projects administered by the Harborview Medical Center and technology projects administered by County agencies. The Harborview capital program outlined at the close of this section amounts to \$4 million and does not include the Harborview bond projects. The other county Health and Human Service capital project proposals include \$546,560 for technology projects and \$35,000 for facility projects.

**Department of Public Health and  
Department of Community and Human Services Capital Programs**

Agency	Project Name	2008 Executive Proposed	Existing Project
<b>FACILITIES</b>			
FMD	OMP Public Health Facility Analysis	35,000	
<b>TECHNOLOGY</b>			
DCHS / DDD	Client Information System	335,684	
PH	Criteria Based Dispatch Guidelines/CBD Software (Port of Seattle)	210,876	
<b>TOTALS</b>			
	Facilities	35,000	
	Technology	546,560	
	Total	581,560	

**2008 Technology Project Highlights**

**DCHS / DDD: Client Information System: \$335,684**

The Department of Community and Human Services (DCHS) Developmental Disabilities Division (DDD) mission is “To assist King County residents of all ages and cultures who have developmental disabilities to achieve full, active, integrated, and productive participation in community life.” In order to meet this mission, DDD needs a client information system. The current system, an MS Access database in conjunction with MS Excel spreadsheets, is out of date, cumbersome, incomplete, and difficult to maintain and enhance. Development of a new system will provide the division improved business functions in order to coordinate, institutionalize, automate and streamline business processes, improve communications with outside vendors such as service providers and school districts, and better manage the entire end-to-end billing process.

**DPH: Criteria Based Dispatch Guidelines/CBD Software (Port of Seattle): \$210,876**

The King County EMS Division is responsible for medical oversight for the Criteria Based Dispatch (CBD) Guidelines, the triage (sorting) tool used by emergency 911 dispatchers when callers request emergency medical assistance. This project will integrate the CBD software with a new CAD system at the Port of Seattle, Airport Operations Communication Center. This project will result in benefits to customers of the EMS Division, including dispatch centers who will experience improved operational practices and enhanced quality improvement activities, fire departments and ALS providers who will experience improved call handling for their EMS units, and benefits to agencies outside King County who utilize the CBD Guidelines.

**COUNCIL ADOPTED BUDGET**

*Council made no changes to the 2008 Executive Proposed Budget.*

## 2008 Facility Project Highlights

### **Operational Master Plan – Public Health Facility Analysis: \$35,000**

This project budget provides preliminary, phase-one funding to the Facilities Management Division to support Public Health Seattle-King County in the development of community-based policies to improve access to quality health care and their appropriate role in the direct provision of health services

### **Harborview Medical Center Capital Program**

This program includes improvements at Harborview Medical Center. Harborview’s \$3.7 million in projects implements the medical center’s priorities to correct life/safety issues, address clinical and patient needs, and improve operational efficiency. Projects contained in the capital improvement program also address long term strategic needs, as well as near-term operational needs. The projects promote the quality of patient care at Harborview, enhance Harborview’s ability to provide care to priority patients, increase the functionality of the facility and address the sustainable, long term usefulness of Harborview’s physical plant.

### **GEH Biplane: \$600,000**

This project will provide construction associated with the replacement of existing angiography equipment on GEH with new technology as part of a larger growth strategy for critical Cardiology and Neurosciences care.

### **NJB & IEB Relocation Costs: \$1,000,000**

This project covers costs associated with starting up the new Inpatient Expansion Building and the new Ninth and Jefferson Building. Costs include planning and execution of the moves into the buildings, and other start-up costs.

### **Kitchen Expansion: \$500,000**

This project provides critical growth of kitchen support spaces, including expanding meal cart washing and assembly areas and food storage expansion. This backfill project is to support inpatient growth provided by the HMC Bond Project.

### **Elevator for View Park I: \$400,000**

This project utilizes a portion of the remaining funds from the View Park 2 Garage construction, which will be spent down on remaining improvements to the garage.

The following table displays the major Harborview Medical Center projects in the 2008 Executive Proposed Budget:

<b>Significant Projects Harborview Medical Center Capital Improvement Program</b>	<b>2008 Executive Proposed Budget</b>	<b>Continuation of Existing Project</b>
GEH BiPlane	\$600,000	
NJB & IEB Relocation Costs	\$1,000,000	
Fixed Equipment	\$841,001	X
Kitchen Expansion	\$500,000	
2 <sup>nd</sup> MRI Support Spaces	\$400,000	
Clinical Lab Automation Zone	\$385,000	
<b>Total</b>	<b>\$3,726,001</b>	



CAPITAL IMPROVEMENT PROGRAM PLAN

**COUNCIL ADOPTED BUDGET**

*Council made no changes to the 2008 Executive Proposed Budget.*

**General Government Capital Improvement Program**

The General Government Capital Program proposed for 2008 includes the following five categories:

- Facilities including major maintenance and elections facility acquisition: \$37.5 million
- Technology Projects: \$7.4 million
- Long Term Leases: \$26.8 million (lease space costs are budgeted in operating budgets and transferred to a capital budget for payment to lessors)
- Housing Projects: \$25.1 million (see the Community and Human Services section of the operating budget book for a discussion of housing project budgeting)
- Technology Equipment: \$2.6 million

The budget project descriptions for technology projects and facility projects are provided below.

**General Government Capital Program**

Agency	Project Name	2008 Executive Proposed	Existing Project
<b>FACILITIES</b>			
FMD	Elections Building Acquisition	\$ 24,934,000	
FMD	Accessibility Project Allocation	\$ 311,876	X
FMD	Animal Control Facility Master Plan	\$ 180,614	
FMD	Security Master Plan	\$ 507,381	
FMD	Major Maintenance Program	\$ 11,650,430	X
<b>TECHNOLOGY</b>			
DES	E-911 – Equipment Upgrade	\$ 2,604,281	
DES	Electronic Records Management System (ERMS)	\$ 1,444,634	X
DES	FMD Construction Project Management System	\$ 120,000	X
DES	FMD SO-DAJD-FMD Radio System Enhancements	\$ 75,000	X
* DDES	Permit Integration	\$ 398,544	
* DNRP	Replacement of R:Base for DOS Program	\$ 201,890	
OIRM	Emergency Radio System Equipment Replacement Assessment & Proposal	\$ 314,238	X
OIRM	Executive Branch IT Reorganization	\$ 940,000	X
OIRM	KingCounty.gov Web Work	\$ 697,000	X
OIRM	Radio Infrastructure Facility & Tower Grounding	\$ 480,000	
OIRM	Radio Tower Repair Work	\$ 120,000	
<b>TOTALS</b>			
	Facilities	\$ 37,584,301	
	Technology	\$ 7,395,587	
	Total	\$ 44,979,888	
* These projects are referenced in the Physical Environment section of the Executive Proposed Budget.			

## **2008 General Government Technology Project Highlights**

### **Transition Fund/Central Rate Projects:**

#### **DES: KCSO-DAJD-FMD Radio System Enhancements: \$75,000**

The King County Sheriff's Office (KCSO), Department of Adult and Juvenile Detention (DAJD) and Facilities Management Division's Security Section (FMD) will evaluate a vendor solution to mitigate radio communication "dead spots" in areas of county-owned buildings. Radio communications, if disrupted during emergency situations as a result of "dead spots" could present serious life and safety issues.

#### **OIRM: Executive Branch Information Technology Reorganization: \$940,000**

The 2007-2010 plan to reorganize Executive branch IT contains four components:

- Enterprise Architecture and Transition: In 2007-08, the Executive branch will anchor the IT reorganization process through development of service delivery plans. These plans will define the scope of IT operations for providing services to all end users of technology within the Executive branch.
- Server Consolidation: In 2008-2010, the Executive branch will develop and implement a server consolidation plan to reduce the number of servers in operation.
- Workstation Standardization: Concurrent with the server consolidation process, a workstation standardization project will begin. This project will begin through the development of a plan to reduce workstation support operations.
- Service Center Buildout: Also in 2009-10, the Executive branch is planning to establish Service Centers, or a multipart Service Center, to support Executive branch end users of technology.

#### **OIRM: KingCounty.gov Web Work: \$697,000**

King County acquired the Internet domain [www.kingcounty.gov](http://www.kingcounty.gov) on February 16, 2007, with a condition that the current domain [www.metrokc.gov](http://www.metrokc.gov) be retired by January 31, 2009. Implementation of the new domain requires certain upgrades and changes to the existing Internet infrastructure. Retiring the current domain is a very significant effort that will involve all agencies and divisions, and will require long term coordination. As a result, the county will undertake a broad "Web improvement program," which must manage and address a number of complexities and issues to ensure a successful implementation of the new URL, establish "best practices" for managing continuity, back-up/recovery, redundancy and service levels.

### ***COUNCIL ADOPTED BUDGET***

*377191 - Executive Branch Information Technology Reorganization – (\$940,000)*

### **Non-Current Expense Funded Projects:**

#### **DES / E-911: E-911 Equipment Upgrade: \$2,604,281**

Since the implementation of Enhanced 911 technology for wireline telephones in the 1980s, there have been many changes and advancements to the service driven by new telecommunications services such as voice over Internet Protocol (VoIP); the addition of cameras and video to cell phones; and Automatic Collision Notification (ACN) systems. The public expects all these various types of devices are able to call 911 and interface to the E-911 system. In response to this trend, the national 911 associations and other national standards bodies have been working to develop advancements in E-911 systems to ensure that 911 service is available to users of these new technologies. In preparation for this new network, the E 911 backroom equipment on which the 911 trunks terminate must be upgraded.

**DES / REALS: Electronic Records Management System (ERMS): \$1,444,634**

This is an existing multi-year project that will implement a central repository for the management and retention of public records. The project will include implementing an electronic records management system (ERMS) within the Human Resources Division of the Department of Executive Services. Following a successful implementation, the system will be rolled-out county-wide in a phased approach. Development of policies, procedures, and standards, as well as employee education on public records management is included in this project. The scope of the project encompasses public records created on individual user's workstations, digital imaging of public records created in paper format, Web records, implementation of a physical records management component and migration of the County Records Center inventory database.

**DES FMD: Construction Project Management System: \$120,000**

FMD's Capital Planning and Development (CPD) section currently uses a variety of tools to manage capital improvement projects (CIP projects) and track performance measures. The project load is approximately 200 – 300 projects per year, with a combined annual budget of \$60 - \$80 million. This work is managed by 16 -18 project managers. FMD has recognized a need to find a technical solution to improve the efficiency and accountability of its capital project management staff. Implementation will help FMD avoid costly project delays. The 2008 appropriation request is an increase to the existing project amount and is necessary to complete the project as originally scoped.

**DDES: Permit Integration: \$398,544**

The Department of Executive Services (DES) together with the Department of Development and Environmental Services (DDES) are working towards defining and implementing a more integrated approach to the county's permit business processes, underlying business systems, and associated technology infrastructure. The Permit Integration project will support the replacement of necessary systems for the express purpose of:

- Improving customer service,
- Crafting more efficient processes,
- Increasing the level of transparency between people, processes, and information,
- And reducing current risk associated with aging, disparate systems.

**DNRP: Replacement of R:Base for DOS Program: \$201,890**

The R: Base for DOS application provides work order, supplies inventory, and accounting functions for Parks. It is customized to fit the Parks Division's business operation needs that have evolved since the 1980's, and it is central to Parks operations. This R: Base application has reached the end of its useful life. It is difficult to maintain and it is costly to make required changes to the system. There is a risk that the system could permanently crash with irrevocable data loss. The Division must replace this system in the three key areas that R:Base supports: work order tracking, inventory management, and accounting.

**OIRM / Radio: Emergency Radio System Equipment Replacement Assessment & Proposal: \$314,238**

The King County Emergency Radio System (ERS) is nearing the end of its useful life which is projected for 2011-2013. The primary purpose of the system is to provide emergency radio communications services for all the police, fire, emergency medical services, public school districts and public hospitals within King County. The secondary purpose of the system is to provide, to the extent possible within the constraints of available funding and limited spectrum availability, sufficient capacity within the system to service other public agencies with emergency response duties. This project provides for an assessment and proposal for the replacement of the ERS, its supporting infrastructure, and nearly all portable and mobile radios. New and emerging technology may dictate development of new transmit sites throughout the county and decrease the ability to leverage off existing site and tower infrastructure.

**OIRM / Radio: Radio Infrastructure and Tower Grounding: \$480,000**

During the early part of this decade there were a series of events that occurred which threw the reliability of the Regional Emergency Trunked Radio system into question. Because of this, the Regional Communication Board (RCB) commissioned a system performance audit which was conducted by Motorola to assess and document the condition of the entire Regional Emergency Trunked Radio system. One aspect of this audit related to the Radio Infrastructure Grounding system which is used to protect the tower and adjacent building facilities from high voltage lightning strikes. The documentation produced by Motorola carefully articulated a list of discrepancies which violated the Motorola installation grounding standard known as R56.

**OIRM / Radio: Radio Tower Repair Work: \$120,000**

Radio Communication Services operates several towers throughout the county which sustain the antenna systems for the 800 MHz Emergency Trunked Radio System. These towers require continuous maintenance to prolong their lifecycles and maintain them in a viable readiness state. Additionally, radio towers are subject to engineering constraints and must be properly loaded and structurally strengthened to withstand typical wind and ice loads present in this portion of the county. A study was commissioned with 2006 CIP funds to assess the condition of 7 towers. The documentation from that study will inform the extent and scope of this project to correct any found and documented discrepancies.

**COUNCIL ADOPTED BUDGET**

*Section 130*

*P1*

*EXPENDITURE RESTRICTION: Of this appropriation, \$100,000 for the IT permit integration project (CIP Project 377210) shall not be expended or encumbered until the completed quantifiable business case analysis is transmitted to the council. The quantifiable business case should include a detailed description of the preferred alternative, a cost range and implementation schedule for the preferred alternative, and the expected cost allocation, based on benefit, among the various county agencies and funds to implement the recommended alternative. The quantifiable business case must include the signatures of directors of departments that are project sponsors, including the department of development and environmental services, the department of public health, the department of executive services, the department of transportation, and the department of natural resources and parks. The signatures of the directors of departments shall indicate agreement with the business case.*

*Section 130*

*P2*

*EXPENDITURE RESTRICTION: Of this appropriation, no funds shall be expended or encumbered for the issuance of the request for proposal related for the IT permit integration project (CIP Project 377210) until the completed quantifiable business case analysis is transmitted to the council as required by this ordinance. However, funds may be used to prepare the request for proposal.*

*Section 130*

*P3*

*EXPENDITURE RESTRICTION: Of this appropriation, funds may not be encumbered or spent for the following projects: DDES IT Permit Integration (CIP Project 377210), KCSO Sector Project (CIP Project 377218) and the DCHS Client Information Services Project (CIP Project 377209) until the project managers for each project have identified preliminary performance measure, approved by the project review board, for measuring the benefits of each project.*

*Section 130*

*P4*

*EXPENDITURE RESTRICTION: Of this appropriation, no funds may be spent on the*

## CAPITAL IMPROVEMENT PROGRAM PLAN

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*implementation of a solution for the Replacement of R: Base for DOS Program until the proposed solution is evaluated and approved by the ABT project team.*

### *Section 130*

#### *P5*

*EXPENDITURE RESTRICTION: Of the appropriation for Project 377142, accountable business transformation, \$100,000 shall not be expended or encumbered until the ABT program management office provides to the council, in writing, the proposed Capital Improvement Program ("CIP") reporting and analysis requirements that will be included in ABT High level Business Design for the budget system business functions. Such proposed Capital Improvement Program ("CIP") reporting and analysis requirements shall be the basis for a critical analysis report of all the Capital Improvement Programs managed by the various divisions within the executive departments and subject to proviso P6 of this section.*

*The ABT program management office and the office of management and budget ("OMB") shall continue to work collaboratively with council staff to develop the proposed budget system process for CIP reporting and analysis requirements to ensure that the county-wide budget system selected as part of the ABT Program will be able to report for each CIP project the following "Reporting Elements": (1) the initial, baseline schedule, scope of work and budget ("Baseline information"); (2) all the costs, incurred to date and/or projected to complete the project, by a standard category system ("Standard System") to be used by all agencies to capture and report such project costs; (3) the standards or methodologies used by the CIP agency for estimating those costs; (4) the schedule milestones for each project, completed and projected; and (5) a reporting mechanism that clearly indicates a project's deviations from the initial Baseline Information, when the deviation(s) occurred, in what project cost category, and the reasons why.*

*The Standard System should include but not be limited to the following cost categories: programming, predesign/planning, environmental/EIS, permitting, design, mitigation construction/implementation, construction management/inspections, contract/project management and agency internal costs, close-out contingencies.*

*The Reporting Elements shall be used [for] the framework or format by which the executive shall produce a critical analysis report for selected projects within the CIPs managed by the various divisions within the executive departments as set forth in proviso P6 to this section.*

*The executive shall submit the report on the proposed Reporting Elements for CIP reporting and analysis requirements that will be included in ABT High Level Business Design for the budget system business functions in the form of 11 copies with the clerk of the council, who will retain the original and forward copies to each councilmember and the lead staff of the capital budget committee, or its successor.*

### *Section 130*

#### *P6*

*EXPENDITURE RESTRICTION: Of the appropriation for Project 377142, Accountable Business Transformation, \$150,000 shall not be expended or encumbered until the council accepts, by motion, the executive's transmitted critical analysis report, as required by this proviso to this section to this ordinance, for all current CIP projects managed by the various divisions within the executive departments that are currently active or have not been closed-out; provided however, the executive shall not be required to report on any projects with a total project cost of less than \$750,000, or projects involving work order construction contracts or projects involving small work roster construction contracts. The report shall be broken into chapters, with each CIP agency constituting a chapter. Within each chapter, the executive will indicate each projects rankig in order of priority.*

## **2008 General Government Facilities Project Highlights**

### **Elections Building Acquisition: \$24,934,000**

This appropriation authority allows for the purchase of the Earlington Business Center in Renton that will be the site for the County's Consolidated Elections Facility. The County Council approved the underlying lease with an option to purchase in 2007. This appropriation will allow the County to acquire title to the facility. Ownership will be acquired only after the County is satisfied that the developer has completed the tenant improvements in compliance with the lease. This project will be revenue backed, in part, by cost allocation to jurisdictions within King County.

### **Security Master Plan: \$507,381**

This project provides for a comprehensive County Security Plan for all CX agencies. The work will include establishing security goals and objectives for each agency and measuring these against existing security systems, and policies and procedures in order to develop a comprehensive security plan for each facility and agency.

### **Accessibility Project Allocation: \$311,876**

This project funds high priority items identified in recent Americans with Disabilities Act surveys that include District Court, Superior Court, Public Health center and other general government facilities. This work includes revising curb ramps, sidewalks, stairs and other items to ensure ADA compliant public accessibility to facilities. Future funding over the next four years is planned to complete the remaining work identified in the report.

### **Animal Control Facility Master Plan: \$180,614**

The project provides for Phase I facility master planning for the Kent Animal Shelter. The project will identify the building program needs of the animal shelter and outline facility options including the associated cost benefits at a conceptual level. The results of this project will be used to support and supplement Operational Master Planning by quantifying physical consequences of Operational Plan options.

## ***COUNCIL ADOPTED BUDGET***

*395805 – Facility Master Plan REALS – (\$180,614)*

*395828 – Security Master Plan – (\$507,381): Moved to 4<sup>th</sup> Quarter Omnibus Ordinance*

*395836 – Elections Building Acquisition – (\$29,434,000): Moved to 4<sup>th</sup> Quarter Omnibus Ordinance*

### **Major Maintenance Program: \$11,650,430**

The Major Maintenance Program managed by the Facilities Management Division (FMD) provides funds for the periodic replacement and repair of county owned building systems and components on the 34 buildings maintained by FMD. In 2008, the Major Maintenance Program continues the investment in these facilities by funding approximately \$11.6 million in projects in 15 buildings. The budget authority is allocated to the following categories: roofs – 8.2 percent; structural – 3.2 percent; exterior finishes – 2.3 percent; interior finishes – 11.8 percent; plumbing – 8.5 percent; HVAC – 47.8 percent; electrical – 4.0 percent; site work – 2.7 percent; fixed furniture - 1.2 percent; contingency – 4.3 percent and debt service – 6 percent. The Major Maintenance Program in 2008 is fully funded as defined in Ordinance 14743 adopted by the County Council in 2003 .

### **Animal Control Priority Infrastructure: \$500,000**

The project is in response to the King County Animal Care and Control Citizen's Advisory Committee assessment of the King County Animal Control Facility located in Kent. The assessment concluded that at least \$500,000 in immediate upgrades needed to be made, to bring the facility up to minimum standards. The long term response to the Animal Control facility needs will be addressed in the Facility Master Plan initiative described above.

CAPITAL IMPROVEMENT PROGRAM PLAN

**COUNCIL ADOPTED BUDGET**

- 341299 – General Building Emergent Project – (\$45,000)
- 343263 – Kent Animal Shelter Office Exterior – (\$113,000)
- 344664 – Animal Control Infrastructure – (\$370,000)

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**EXPENDITURE RESTRICTION:** Of the appropriation for CIP Project 344664, Animal Control Infrastructure Upgrades, the following amounts shall be spent solely as specified below: Cat Isolation/Winter Housing Temporary Trailers \$35,000; Commercial Washer/Dryer Hook-ups \$65,000; Partition Upgrades for Dog/Cat Barrier \$30,000.

Major Maintenance Reserve Fund/3421						
DEPT 0337 Major Maintenance <sup>1</sup>	2006 Actual <sup>3</sup>	2007 Adopted	2007 Revised	2008 Adopted	2009 Projected	2010 Projected
Beginning Fund Balance	14,259,072	13,994,468	12,143,787	12,143,787	12,333,394	12,743,770
<b>Revenues:</b>						
Investment Interest	380,782					
King Street Tenants	361,086	455,442	455,442	455,442	469,105	483,178
Transfers-Sales Tax Reserve Fund	4,504,568					
CX Contribution <sup>4</sup>	4,518,078	9,744,458	9,744,458	9,932,904	10,947,994	11,250,159
Public Health Pooling-Multiple Facilities	594,602	758,769	758,769	704,440	724,728	744,730
Black River - DDES	290,764	312,148	312,148	219,251	225,829	232,603
Other/Miscellaneous	144,369					
<b>Total Revenues</b>	<b>10,794,249</b>	<b>11,270,817</b>	<b>11,270,817</b>	<b>11,312,037</b>	<b>12,367,656</b>	<b>12,710,671</b>
<b>Expenditures:</b>						
Expenditures	(12,204,871)	(10,575,029)	(10,575,029)	(10,430,830)	(11,957,280)	(12,320,968)
Debt Service on 2001 Borrowing (7 years)	(704,663)	(695,788)	(695,788)	(691,600)	0	0
<b>Total Expenditures</b>	<b>(12,909,534)</b>	<b>(11,270,817)</b>	<b>(11,270,817)</b>	<b>(11,122,430)</b>	<b>(11,957,280)</b>	<b>(12,320,968)</b>
Ending Fund Balance	12,143,787	13,994,468	12,143,787	12,333,394	12,743,770	13,133,472
Less Reserves & Designations:						
Reserve for Prior Year CIP	(12,047,921)	(12,909,534)	(11,379,124)	(11,379,124)	(11,720,498)	(12,072,113)
Ending Undesignated Fund Bal	0	0	764,663	954,270	1,023,272	1,061,360
<b>Target Fund Balance <sup>2</sup></b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Notes:

<sup>1</sup> Fund established in 1993 through Ordinance 10728

<sup>2</sup> There is no target fund balance requirement

<sup>3</sup> Figures from 14th month ARMS reports

<sup>4</sup> CX Contribution includes transfer from Sales Tax Reserve Fund

## **Physical Environment and Resource Management Program**

### **Solid Waste Division Capital Improvement Program**

The purpose of the Solid Waste Division capital program is to maintain the transfer and disposal system's ability to meet service demands. The program also ensures that these facilities are maintained and operated in accordance with applicable regulations and in a safe and environmentally responsible manner.

The 2008 capital program includes the staged closure of Refuse Area 6 at the Cedar Hills Regional Landfill. Design will continue for Cedar Hills Refuse Area 7. New waste handling facilities recommended in the Solid Waste Transfer and Waste Export System Plan are being requested for the Northeast Lake Washington and South King County areas. Design for the Bow Lake Recycling and Transfer Station project is on-going. Construction of the replacement Shoreline Recycling and Transfer Station [formerly named First Northeast Transfer Station] began in mid-2006 and will be substantially complete in early 2008. Design of the replacement Factoria Recycling and Transfer Station and upgrades to the Houghton transfer station are proposed. Roofs have been replaced at two sites to address safety and seismic concerns and funding is available for a similar upgrade at the Houghton Transfer Station after the Shoreline facility re-opens. These projects represent important steps in the process of providing safe, efficient service, and maintaining a competitive waste disposal business environment.

The most significant CIP project requests for 2008 are highlighted below:

#### **Factoria Recycling and Transfer Station: \$19,435,000**

The 2008 Executive Proposed Budget includes a significant increase to the Factoria Recycling & TS [formerly Factoria Transfer Station] project to select a design consultant and begin the permitting, design and environmental review for a new transfer and waste processing facility to replace the existing Factoria Transfer Station.

#### **Bow Lake Recycling and Transfer Station: \$17,680,000**

The 2008 Executive Proposed Budget will support the detailed facility design, site preparation contract and construction management for the project. An important requirement of the Bow Lake Recycling & TS is that it meets the building standard of immediate occupancy following a large seismic event and can continue to operate as a vital public facility.

#### **Cedar Hills Area 7 Development: \$9,083,000**

This project consists of the development of a 4.0 million-ton capacity Cedar Hills Regional Landfill Refuse Area 7. The work includes preliminary and final design, hydrogeologic investigations, preparation of a hydrogeologic report, preparation of a plan of operations, preparation of contract documents, preparation of permit documents, and the construction of underliner, landfill gas, leachate, contaminated surface water, erosion and surface water control facilities. To maintain a smooth transition of landfill operations, Area 7 will be completed between 2008 and 2009 and begin accepting waste by 2009. The next two project milestones to be completed are:

- Phase 2 final design and permitting services – 2008 projected completion
- Phase 1 excavation construction – 2009 projected completion

#### **NE Lake Wash Recycling & Transfer Station: \$6,176,000**

#### **S King County Recycling & Transfer Station: \$5,640,000**

These projects will site, permit, design, and construct new transfer and waste processing facilities to replace the Houghton and Algona Transfer Stations. The NE Lake Washington project primarily serves the cities of Redmond, Kirkland, Woodinville, and Kenmore. The South King County project serves the cities of Federal Way, Kent, Auburn, and Algona. The milestones to be completed by 2009 are the advertisement and award of design contracts.



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These replacement projects have been identified in the Solid Waste Transfer and Waste Export System Plan (Plan) currently under review by the King County Council. The Plan has been developed jointly by and with the Metropolitan Solid Waste Management Advisory Committee and the Solid Waste Advisory Committee. The fee structure needed to support implementation of the Plan has received support of the Suburban Cities Association and was approved by the King County Council in July 2007.

**Fund 3901 Contingency: \$5,556,000**

This project implements the flexible CIP contingency budget as approved by the King County Council. This request is for 7.5% of estimated total appropriation at the start of the budget year. Because the contingency is calculated as a percent of the annual appropriation request, it has the potential to fluctuate up and down over time.

**CERP Equipment Purchase: \$3,953,847**

The Solid Waste Division has identified the need to adjust and delay the scheduled procurement of significant equipment replacement until 2010 due to the focus on constructing new, state of the art recycling and transfer stations. The new facilities will, in some cases, require different equipment. The Solid Waste Division is minimizing new expenditures and maintaining existing equipment to ensure the highest value for the investment of equipment prior to when the new stations begin operation. The division maintains an equipment replacement plan and provides long-term financing by making annual contributions to the capital equipment replacement fund which supports the 2008 proposed investment of \$3.9 million in equipment replacement purchases.

The total 2008 Executive Proposed CIP Budget for the Solid Waste Division is \$79,018,708. The following table displays major projects over \$1,000,000.

<b>Significant Projects Solid Waste Capital Improvement Program</b>	<b>2008 Executive Proposed Budget</b>	<b>Continuation of Existing Project</b>
Factoria Recycling & Transfer Station	\$ 19,435,000	X
Bow Lake Recycling & Transfer Station	\$ 17,680,000	X
Cedar Hills Area 7 Development	\$ 9,083,000	X
NE Lake Wash Recycling & Transfer Station	\$ 6,176,000	
S King County Recycling & Transfer Station	\$ 5,640,000	
Fund 3901 Contingency	\$ 5,556,000	X
CERP Equipment Purchase	\$ 3,953,847	X
Cedar Hills-Relocate Flare Station	\$ 1,407,000	X
Cedar Hills Landfill Equipment Wash Platform	\$ 1,306,000	X
Cedar Hills Landfill System Evaluation & Implementation	\$ 1,158,000	X
Houghton Transfer Station Mitigation	\$ 1,092,000	X
Enumclaw Seismic Retrofit	\$ 1,055,000	X

**COUNCIL ADOPTED BUDGET**

*Council made no changes to the 2008 Executive Proposed Budget.*

**Water and Land Resources Division Capital Improvement Program**

The Water and Land Resources Capital Program has two primary goals.

- 1) To protect public safety and property from hazards posed by river flooding and excess storm water runoff, and
- 2) To protect and restore aquatic ecosystems from damage due to storm and surface water runoff and past land development practices.

The 2008-2013 CIP supports these goals through numerous actions, including repairing damaged river levees, relieving drainage problems affecting residential areas and agricultural fields, and restoring salmon habitat in the major watersheds.

There are two key developments for 2008:

First, the Division proposes to begin implementation of a work program for the King County Flood Control Zone District, which was established by the King County Council in April, 2007 under Ordinance 15728. The District will protect public health and safety, regional economic centers, public and private properties and transportation corridors by addressing the backlog of maintenance and repairs to levees and revetments, acquiring repetitive loss properties and other at-risk floodplain properties, and improving countywide flood warning and flood prediction capacity.

The overarching strategies and objectives for the District include:

- Improving levee protection through major commercial, industrial and residential areas,
- Improving flood water conveyance and capacity,
- Reducing hazards by removing flood, erosion, and landslide prone residential structures,
- Providing safe access to homes and businesses by protecting key transportation routes,
- Minimizing creation of new risks to public safety from development pressure.

The second development concerns the Surface Water Management (SWM) program. The Division has maintained a policy for the past several years of transferring 30% of budgeted SWM fee revenue for capital projects. In the 2008 budget the transfer has been reduced from 30% down to 26% due to a loss of revenue from recent annexations (West Auburn and Auburn Lea Hill) as well as increased costs in the operating budget. These costs are driven by 1) new State requirements under the agency's NPDES Storm Water permit, as well as 2) covering inflation and Critical Areas Ordinance (CAO) implementation costs without a rate increase.

The most significant CIP project requests for 2008 are highlighted below:

**WRIA 7, 8, 9, 10 and Vashon Ecosystem Protection Projects: \$8,845,000 (for all five projects)**

The Water Resource Inventory Area (WRIA) projects collectively protect or restore aquatic ecosystems in King County. Each WRIA project covers a distinct watershed within the waterway systems in Washington: WRIA 7 is the Snoqualmie River Watershed, WRIA 8 is located in the unincorporated portions of the Cedar/Lake Washington Watershed, and WRIA 9 is located in the Green River Watershed. WRIA 10 is the White River Watershed in South King County and the Vashon Ecosystem project is located on Vashon Island. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration such as blocked culverts, increasing riparian forest cover to improve water quality, and recreating log jams to increase dynamic complexity in river flows.

**Public Safety and Major Property Protection: \$2,031,051**

This project undertakes actions to preserve public safety and/or protect property from events such as flooding, erosion, adverse water quality, or the deterioration of stormwater facilities designed to

prevent such events. The highest priority projects in this program are those which protect the health and safety of the public, with particular emphasis given to preventing flooding inside inhabited structures and allowing emergency vehicle access. Other important projects address water quality problems which adversely affect both public safety and the ecosystem. These projects are usually identified through citizen complaints, basin planning, facility inspections, monitoring data, or reconnaissance by County engineers.

### **Enumclaw Bio-Gas Project: \$500,000**

This project explores alternative ways of handling manure on the Enumclaw Plateau to maximize waste to resources, protect water quality and support local dairy farming. The first phase was to explore feasibility of a digester system. Based on initial feasibility work, DNRP determined that the most effective approach is not to acquire land for large-scale aggregation, but to anchor the demonstration project on a single farm where aggregation of manure from neighboring farms is possible.

King County is now in the second phase of the project which is to establish the best site on a dairy farmer's land and use the current USDA grant to create a design of the digester, solids recovery and compost production, energy use and nutrient reduction program. The project also will seek to aggregate additional adjacent farms, if feasible.

The third phase will be permitting and construction. The decision not to acquire land for large scale aggregation allows the 2007 land acquisition budget of \$420,000 to be used for permitting, construction and grant match costs. The final phase will be operations, marketing of solids, monitoring progress on nutrient reduction and on-going effort to optimize efficiency of operations. The total project cost is estimated to be \$2,765,000 to be revenue backed by grant applications and debt payments from the Current Expense Fund.

### **Flood Control Zone District**

In April 2007, the King County Council created a new countywide Flood Control Zone District (Ordinance 15728) to implement the 2006 King County Flood Hazard Management Plan, which identifies and recommends projects, programs and policies to address the county's aging flood protection system. Over the course of the summer of 2007, the FCZD Advisory Committee, composed of 14 elected officials and one representative from the Unincorporated Area Councils, met and recommended a budget and work program based on a recommended countywide property tax levy of 10 cents per \$1,000 of assessed valuation. The 2008 Executive Proposed CIP Budget for the FCZD implements the Advisory Committee's recommended work plan based on the recommended levy rate.

### **Expanded Service**

The flood protection work previously undertaken in the River Improvement Fund (with partial revenue support from the former Green River Flood Control Zone District) and the Inter-County River Improvement District are absorbed and greatly expanded by the new countywide FCZD. The 2008 Executive Proposed Capital budget for the FCZD is \$18,132,484. The work of the FCZD is organized into five categories: the Snoqualmie/South Fork of the Skykomish River Basin, the Green River Basin, the White River Basin, the Cedar/Sammamish River Basin, and countywide projects. For more details, see the Water and Land Resources section within the Physical Environment Program Plan of this book.

### **Snoqualmie/South Fork Skykomish River Basin**

**Lower Snoqualmie River Flood Protection: \$3,890,134**

**Upper Snoqualmie River Flood Protection: \$1,497,071**

**Raging River Flood Protection: \$1,130,480**

The Snoqualmie River/South Fork Skykomish River Basin Program will be responsible for implementing flood hazard management projects and programs, staffing the advisory and basin

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technical committees, and reporting progress to the FCZD’s Board of Supervisors, Advisory Committee, and Basin Technical Committee. Specific projects include levee and revetment repairs and rehabilitation; repetitive property loss acquisitions; and home elevations. Specific programmatic elements for the Snoqualmie River/South Fork Skykomish River Basin Program include floodplain and channel migration zone mapping; flood protection facility and flood hazard assessments; and providing technical and engineering assistance to cities.

**Green River Basin**

**Green River Flood Protection: \$3,761,586**

The Green River Basin Program will be responsible for implementing flood hazard management projects and programs, staffing the advisory and basin technical committees, and reporting progress to the FCZD’s Board of Supervisors, Advisory Committee, and Basin Technical Committee. Specific projects include levee and revetment repairs and rehabilitation; repetitive property loss acquisitions; and home elevations. Specific programmatic elements for the Green River Basin Program include floodplain and channel migration zone mapping; flood protection facility and flood hazard assessments; and providing technical and engineering assistance to cities.

**Cedar/Sammamish River Basin**

**Cedar River Flood Protection: \$5,081,957**

The Cedar/Sammamish River Basin Program will be responsible for implementing flood hazard management projects and programs, staffing the advisory and basin technical committees, and reporting progress to the FCZD’s Board of Supervisors, Advisory Committee, and Basin Technical Committee. Specific projects include levee and revetment repairs and rehabilitation; repetitive property loss acquisitions; and home elevations. Specific programmatic elements for the Cedar/Sammamish River Basin Program include floodplain and channel migration zone mapping; flood protection facility and flood hazard assessments; and providing technical and engineering assistance to cities.

The following table displays major projects over \$1,000,000 for which appropriations are requested.

<b>Significant Projects Flood Hazard Reduction, Surface Water Management Capital Improvement Programs</b>	<b>2007 Executive Proposed Budget</b>	<b>Continuation of Existing Project</b>
<b>Surface Water Management Capital Program:</b>		
WRIA 7 Ecosystem Protection	\$ 3,285,000	X
WRIA 9 Ecosystem Protection	\$ 4,250,000	X
Other WRIA Ecosystem Projects	\$ 1,310,000	X
Public Safety & Major Property	\$ 2,031,051	X
Enumclaw Biogas Project	\$ 500,000	X
<b>Flood Control Zone District:</b>		
Cedar River Flood Protection	\$ 5,081,957	
Lower Snoqualmie River Flood Protection	\$ 3,890,134	
Green River Flood Protection	\$ 3,761,586	
Upper Snoqualmie River Flood Protection	\$ 1,497,071	
Raging River Flood Protection	\$ 1,130,480	

## CAPITAL IMPROVEMENT PROGRAM PLAN

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### *Council Adopted Budget Changes:*

FL0000 – Capital Contracts \$18,132,484  
FL0000 – Skykomish/Miller River Flood Protection - (\$764,606)  
FL1000 – Upper Snoqualmie River Flood Protection – (\$1,497,071)  
FL2000 – Lower Snoqualmie River Flood Protection – (\$3,890,134)  
FL3000 – Tolt River Flood Protection – (\$105,021)  
FL4000 – Raging River Flood Protection – (\$1,130,480)  
FL5000 – Sammamish River Flood Protection – (\$329,634)  
FL6000 – Issaquah Creek Flood Protection – (\$58,068)  
FL7000 – Cedar River Flood Protection – (\$5,081,957)  
FL8000- Green River Flood Protection – (\$3,761,586)  
FL9000 – White River Flood Protection – (\$526,987)  
FLM000 – Flood CIP Monitoring/Maintenance (\$126,940)  
FLX100 – Flood District Capital Contingency – (\$860,000)

*Budget for site specific was consolidated and restored in Capital Contracts project.*

### *Section 130 ERI EXPENDITURE RESTRICTION:*

*Of this appropriation, \$18,132,483 shall be expended solely for the implementation of the King County Flood Control Zone District capital program.*

### **Conservation Futures and Open Space Capital Improvement Program**

Conservation Futures Tax (CFT) levy funds are collected from property taxes levied throughout King County and dedicated to the acquisition of open space in cities and rural areas. The Conservation Futures Citizens Committee (Committee) makes annual recommendations of project funding allocations to King County based on a review of project applications and site visits. This year's citizen committee recommendations total \$10 million for projects throughout King County.

The most significant CIP project requests for 2008 are highlighted below:

#### **East Capitol Hill: \$1,400,000**

In the East Capitol Hill community, a new greenspace will be created on 16<sup>th</sup> Avenue in a neighborhood that is zoned for high density housing and is seeing increasing development of multiple-unit apartments and attached town homes. This project will provide needed open space as residential density increases in the neighborhood.

#### **Mount Peak Addition: \$800,000**

The southern slopes of Mount Peak are recommended for funding to protect this scenic amenity on the south Enumclaw Plateau. Mount Peak Park is a popular destination for hiking and equestrian users from all over King County. The properties targeted for acquisition have a key trail segment and notable views of Mount Rainier, the lower White River Valley, and the farmlands of the Enumclaw Plateau. This CFT contribution matches a portion of the acquisition budget authority approved in Parks capital fund in 2007.

#### **Bellevue Greenways and Open Space System: \$800,000**

Bellevue will make additional important additions to its greenway and open space system, with the first priorities being a property connecting Coal Creek Park to Cougar Mountain Regional Wildland Park, as well as acquisition of a longstanding inholding in Mercer Slough Nature Park.

#### **East Cities Transportation: \$750,000**

This project continues into 2008 due to ongoing negotiations with Burlington Northern Santa Fe (BNSF) and includes acquisition related costs for railroad line property interests along the continuous

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BNSF rail corridor located in east King County and the cities of Renton, Newcastle, Bellevue, Kirkland, Redmond, and Woodinville and Snohomish County.

**Open Space Grant Contingency: \$1,605,450**

The grant contingency project will be used for grants and accompanying match monies awarded during the course of the year for Open Space and Habitat acquisition projects. Applications have been submitted for a number of projects to acquire lands in the Water Resource Inventory Areas (WRIA) from various state grantors. For example, applications for \$765,097 from the Puget Sound Acquisition and Restoration fund and \$210,353 from the Salmon Recovery Funding Board have been submitted for a total of \$975,450 in potential acquisitions in the Cottage Lake Creek area. This will provide spending authority once the grants have been awarded.

The total 2008 Executive Proposed CIP Budget for the Open Space Program is \$13,818,422. This includes the citizen committee recommended amount of \$10 million for conservation projects and \$3.8 million for projects such as the Open Space Grant Contingency, TDR Bank and Agricultural/Forest Preservation.

The following table displays major projects greater than \$400,000 for which appropriations are requested.

<b>Significant Projects Conservation Futures and Open Space Capital Improvement Projects</b>	<b>2008 Executive Proposed Budget</b>	<b>Continuation of Existing Project</b>
Open Space Grant Contingency	\$ 1,605,450	X
East Capitol Hill	\$ 1,400,000	
Mount Peak Addition	\$ 800,000	
Bellevue Greenways and Open Space	\$ 800,000	
East Cities Transportation	\$ 750,000	X
Cottage Lake Creek	\$ 500,000	
Grand Ridge Additions	\$ 500,000	
Camp Kilworth Forest and Nearshore	\$ 500,000	
White River PSE Corridor	\$ 445,000	
University District Urban Center Park	\$ 400,000	
Chinatown / Int'l District Urban Center Park	\$ 400,000	
Panther Lake	\$ 400,000	

**COUNCIL ADOPTED BUDGET**

*Section 133 ERI EXPENDITURE RESTRICTION:*

*EXPENDITURE RESTRICTION: Of this appropriation, \$750,000 shall be expended or encumbered solely for the acquisition of the Burlington Northern Santa Fe Eastside rail and trail corridor and none of this amount may be expended or encumbered until King County enters into an interlocal agreement with the Port of Seattle for such acquisition.*

**Wastewater Treatment Division Capital Improvement Program**

The Wastewater Treatment Division's (WTD) Capital Improvement Program (CIP) budget request for 2008 is \$274 million. The total 2008-2013 proposed budget plan is approximately \$903 million.

The mission of the WTD is to protect public health and enhance the environment and create resources from wastewater. This includes treating and reclaiming the region's wastewater, recycling solids and generating energy. Since 1958, when King County citizens voted to build a regional wastewater system to clean the polluted waters of Lake Washington and Puget Sound, WTD has helped to dramatically improve water quality while recycling and reusing natural resources.

The objectives of the capital program are to:

- Ensure continued operation and reliability of existing wastewater conveyance and treatment assets;
- Enhance regional water quality in compliance with federal, state and local regulations; and
- Ensure sufficient capacity to meet the long-term needs of the regional service area.

The most significant CIP project requests for 2008 are highlighted below:

**Brightwater Treatment Plant and Conveyance Systems: \$117,988,737**

Construction work at the treatment plant site related to the 40 acre North Mitigation Area has been substantially completed with the exception of some planting work which will continue through 2007. Work under the Site Prep contract has also been substantially completed as of the second quarter of 2007. This work entailed construction of erosion and sedimentation controls, an effluent drop structure and site filling and grading. Notice to proceed was given on the Earthwork/Brightwater Operation Center contract in April and is currently underway. This work will be completed in late 2007. Notice to Proceed on the treatment plant Liquid Stream contract was given in July. Request for bids on the Solids and Odor Control Facilities were advertised in late July. Bid opening is scheduled for the end of October, 2007.

Conveyance construction continues through 2007 with work underway on the East Central and West Tunnel Portals. Notice to Proceed on the Effluent Pumping Station was given in July. Notice to proceed on the Marine Outfall is expected in October, 2007. All components of conveyance construction are currently on schedule and no significant concerns exist at the present time.

**Bellevue Pump Station/Forcemain Upgrade: \$10,462,397**

The existing Bellevue Pump Station is 30 years old. This project will replace the pumps, controls, electrical system, process piping, HVAC unit, and generator. Further developments will add chemical storage, an updated odor control system and the construction of 5,700 feet of new force main extending from the Pump Station to the East Side Interceptor (ESI). The forcemain construction has begun and is scheduled for completion in June 2008 with pump station construction scheduled to start in February 2008.

**Ballard Siphon Repair Project: \$2,727,659**

The Ballard Siphon consists of two wood stave siphon barrels that rest in the flocky material on the bottom of the Washington Ship Canal. Final design is scheduled for completion in the third quarter 2008 with construction scheduled to begin in first quarter 2009. This project includes two major components: 1) Slip-lining the existing wood staves siphon barrels; and, 2) Tunneling an 84-inch diameter pipe below the canal.

This project was originally designated as an emergency project on the basis of preliminary sonar readings of the pipe coupled with the extreme exposure and sensitivity of its location. Subsequent analysis and inspections have identified the anomalies in the sonar image as not immediately threatening. Accordingly, the assessment of risk of imminent failure in the first 140-feet (roughly 2.5%

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of the total pipe length) has been significantly reduced based on more complete information. However, risks and uncertainties associated with rest of the siphon and the consequences of pipeline failure remain high:

- Up to 60 million gallons per day of untreated sewage flowing into the canal
- Potential impacts to migratory path for endangered salmon
- Complexities of performing emergency construction work in a major commercial waterway
- Redistribution of contaminated sediments on the canal floor due to leaks, pipe collapse or construction

In addition to risk reduction there are collateral benefits to proceeding with this project. These include the elimination of CSO events at the Ballard RS, reduction of overflows at 11th Avenue RS and scope reductions in other planned CSO projects. For these, reasons, the project is continuing forward as a high priority on the program.

**Interbay Pump Station Upgrade Project: \$11,722,404**

This project increases the station's pumping capacity to 133 million gallons per day as required by agreements with the Washington State Department of Ecology (WDOE), replaces obsolete mechanical and electrical equipment, and upgrades emergency power generation capacity. The project also provides odor control at the pump station site and the force main discharge structure site. The project is scheduled to complete predesign and initiate final design by the end of 2007, which will continue through 2008.

**Southwest Interceptor Project: \$35,351,351**

Portions of the existing conveyance system in the Kent and Auburn planning zones do not have capacity for projected 2010 peak flows. This project will fund the design and construction of approximately 5 miles of new sewer in Kent, Auburn, Pacific and Algona ranging from 18 inch diameter to 54 inch diameter to increase system capacity. Final design is scheduled for completion in the fourth quarter of 2008. Advertisement of construction bids is also scheduled for the fourth quarter of 2008 after final design.

The following table displays major projects in the 2008 Executive Proposed Budget.

Significant Projects Wastewater Treatment Capital Improvement Plan	2008 Executive Proposed Budget	Continuation of Existing Project
Brightwater Treatment Plant	\$54,941,972	X
Brightwater Conveyance	\$63,046,765	X
Bellevue Pump Station/Forcemain	\$10,462,397	X
Ballard Siphon Repair	\$2,727,659	X
Interbay Pump Station Upgrade	\$11,722,404	X
Southwest Interceptor	\$35,351,351	X

*Council Adopted Budget Changes:*

- A20100 – West Point Treatment Plan - (\$1,200,000): Moved from 2008 to 2009.
- A20400 – Conveyance Pipes and Storage - (\$8,084,640): Moved from 2008 to 2009.
- A20600 – Combined Sewer Overflow - \$750,000
- A21100 – Central Functions – (\$15,000,000): Proposed contingency budget removed

**Parks Division Capital Improvement Program**

The Parks Division’s Capital Improvement Program (CIP) budget supports the acquisition, construction and rehabilitation of regional and rural parks, trails and recreational facilities. Since



## CAPITAL IMPROVEMENT PROGRAM PLAN

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2002, the CIP has emphasized projects that are consistent with the Parks Business Transition Plan, specifically, projects that preserve the County's role as steward of regional parks and trails, reduce operations and maintenance costs, generate new revenues to support the Division's operating budget or create new recreation opportunities through partnerships with community sports organizations.

The Division's capital budget is primarily supported by Real Estate Excise Tax (REET) revenues though in 2008, the Parks capital program includes \$9.6 million of expenditures supported by the expansion levy revenue approved by voters in August 2007. The expansion levy provides funding for regional trail acquisition and development and open space acquisition.

The major highlight for the Division is the passage of the capital expansion levy to fund acquisition of new park and recreation assets and programs for both city and county park systems, and the Woodland Park Zoo. Three cents of this five cent levy, a total of approximately \$9.6 million in 2008, will be applied to acquire new County open space as well as acquire and develop regional trail corridors; one cent, approximately \$3.2 million, will be made available to cities for open space and trail acquisitions; and one cent, approximately \$3.2 million, will be made available to the Woodland Park Zoo for environmental education and conservation programming and capital purposes.

Parks CIP projects proposed to be funded by the expansion levy are consistent with eligible expenditures adopted by in Ordinance 15760 submitting the measure to the voters in August. Specifically, the ordinance apportions three-fifths of the levy's proceeds, or \$60 million over the next six years, to County projects as follows:

- Community Partnership Grants Program – up to \$500,000 annually;
- Acquisition of property (or property interests, such as development rights) that will protect open space lands; and
- Expansion of the County's regional trail system in accordance with the King County Regional Trail Plan.

The key issue facing the Division's capital budget in the near term is the forecast decline of REET revenues as the housing market slows down in the Puget Sound, as it has nationwide. This will be an area of concern in the coming years as Parks completes its major maintenance assessment in preparation for the 2009 budget.

The most significant CIP project requests for 2008 are highlighted below:

### **Regional Trail System Investments**

In 2008, the Parks Division proposes \$13.2 million dollars for projects that will expand the county's regional trail network and improve existing infrastructure throughout the system. Of that amount, \$8.5 million for the Burke Gilman Trail Re-Development and East Lake Sammamish Trail Master Plan Implementation is funded with revenue from the expansion levy approved in the August 2007 vote. Some capital budget highlights for regional trails include:

#### **Burke Gilman Trail Redevelopment: \$5,166,498**

The Burke Gilman Trail is King County's most heavily used regional trail and non-motorized corridor for recreation and commuting. The trail facilitates thousands of trips per day and one-third of its weekday use is for commuting. The redevelopment project from NE 145<sup>th</sup> Street to Log Boom Park has been in planning and design for several years, and has been assisted by a Citizens Advisory Group with broad representation from within the city of Lake Forest Park. Construction is anticipated to begin in 2008 after the completion of the EIS (Environmental Impact Statement) and permitting process, which are currently underway. The project will improve the safety and effectiveness of the trail including a widened surface with soft-surface shoulders as well as enhanced traffic controls, sight distances and drainage facilities. Other improvements include replacing the pedestrian bridge over Lyon Creek and installing new trail amenities. Recently, the redevelopment project has been the

subject of a decision by the Central Puget Sound Growth Management Hearings Board that defined the trail as an “essential public facility.” The project has strong support from regional user groups such as the Cascade Bicycle Club and Bicycle Alliance of Washington.

**East Lake Sammamish Trail: \$3,390,906**

The master planning process initially started in 2000 and was put on hold due to implementation and development of the Interim Use Trail. The Interim Use Trail opened in March 2006 and throughout 2007 the Division has continued to move forward with the master planning process, including extensive public outreach, survey work along the corridor, initial design work and preparing the Final Environmental Impact Statement (FEIS). In 2008, the Division is proposing to proceed to the next project phase which includes design of the 11-mile corridor and a non-motorized overpass over SR-520, as well as the preparation of construction documents for the Redmond segment of the trail.

**Bridge and Trestle Rehab Program: \$2,034,426**

This is an on-going high priority, safety-related project for the Parks Division. The project funds the ongoing inspection and rehabilitation of the 71 bridges and trestles in the regional trail system, most of which were incorporated into the system with the abandonment of former railroad lines. The Division works closely with the Facilities Management and Road Services Divisions to ensure timely inspection and appropriate rehabilitation of these facilities. This program is costly given that many bridges are nearing 100 years in age, span over 100 feet and are located in environmentally sensitive areas. The Bridge and Trestle Rehab Program identifies significant rehab needs, prioritizes repairs, and undertakes appropriate construction to ensure that the system’s bridges and trestles are safe and sound.

**Sammamish River Trail Extension to East Lake Sammamish Trail: \$1,208,169**

This project will bridge a critical gap in the county’s Regional Trail System between the very popular Sammamish River Trail and the new Interim East Lake Sammamish Trail. The project will construct a new regional trail segment through King County’s Marymoor Park that will complete a continuous off-road, non-motorized trail system from Seattle to Issaquah and beyond to the Cascades. At present, trail users wishing to continue east on the Regional Trail System must exit the system and use existing and often-congested roads through and surrounding Marymoor Park. The proposed project, part of the Regional Trails Plan, will provide a seamless and safe connection while also enhancing pedestrian and bicycle mobility within Marymoor Park. The 2006 Adopted Budget included \$1.67 million in the Parks CIP for the Marymoor Connector Trail. The original budget was based on preliminary assumptions (route, number of drainage culverts, retaining walls and the length and width of the elevated board walk going through sensitive areas/wetlands) which, at that time, were difficult to quantify while three potential routes were being considered. The Parks Division has worked extensively with the Friends of Marymoor Park (FOMP), the City of Redmond, Cascade Bicycle Club, and the public to identify the best route and strategy to provide this regional connection. The project has been in planning and design development for two years and is now beginning the permit process. Construction is anticipated to start in 2008.

**Green River Trail: (\$1,034,664)**

King County was awarded two federal grants in 1999 and 2002 for construction of two portions of the Green River Trail along the banks of the Green River, between the cities of Kent and Auburn. However, a number of factors have led to delays in project implementation, and thus impacted the ability to adhere to the parameters of the grant awards. There has been considerable erosion and bank destabilization along the Green River as a result of flooding and channel migration in recent years. This erosion of the banks has narrowed the already limited space between the river and associated roadways and buildings making it impossible to build the trail in these sections. Therefore, some portions of the initial designs are no longer constructible. The loss of real estate to the river requires the projects to be re-designed, additional purchase of trail right-of-way and planning for additional bank stabilization. Because of these complexities, the Parks Division recommends foregoing these

CAPITAL IMPROVEMENT PROGRAM PLAN

grants at this juncture so that future federal funding for regional trails projects is not put at risk due to delays on the Green River Trail. It is important to note that the Division continues to move ahead on the extension of the Green River Trail according to the County’s Regional Trails Plan with available County resources, including the permit process for a new non-motorized bridge across the river. The Division will continue to pursue planning and design of these trail segments, taking into consideration these new conditions. Once the obstacles have been addressed and a feasible plan developed, grant funding will be sought for construction of the Green River Trail.

**System Enhancement with Cost Saving and Revenue Generating Benefits**

**Marymoor Field Synthetic Turf: \$3,505,077**

This project would fund the conversion of two baseball, single-season fields into a lighted, multi-use, year-round synthetic turf complex. The proposed configuration will provide two inter-changeable synthetic baseball fields and two synthetic soccer fields at Marymoor Park allowing for year-round playability, increased revenue generation and reduced maintenance costs.

**King County Aquatic Center: \$1,239,998**

This project would fund the installation of a video display board for graphics, event coverage and advertising. In addition the proposed budget includes repairs to concrete walkways, and heating and air-conditioning improvements.

The following table displays significant projects in the 2008 Proposed Budget.

Significant Projects/Programs Parks Capital Improvement Plan		2008 Executive Proposed Budget	Continuation of Existing Project
358103	Burke Gilman Trail Redevelopment	\$5,166,498	X
316554	Marymoor Field Synthetic Turf	\$3,505,077	X
358104	East Lake Sammamish Trail	\$3,390,906	X
349097	Bridge and Trestle Rehab Program	\$2,034,426	X
349502	King County Aquatic Center Improvements	\$1,239,998	X

**COUNCIL ADOPTED BUDGET**

- 316810 – South County Regional Trail Linkage – (\$500,000): Moved to 358xxx
- 316xxx – Burke Gilman Trail – \$500,000
- 316xxx – Mountain to Sound Greenway - \$750,000
- 316xxx – Cascade Land Conservancy – Raging River Project - \$100,000
- 316021 – Acquisition Evaluation – (\$85,625)
- 316440 – Revenue Enhancement Projects (\$85,625)
- 316xxx – Bryant Elementary PTSA Playground Renovation - \$20,000
- 316xxx – City of Algona - \$25,000
- 316xxx – Coalfield 5 Star Athletic Association - \$11,250
- 316xxx – Northshore Athletic Fields - \$50,000
- 316xxx – Splash Pool - \$15,000
- 316xxx – Seattle Children’s Playground - \$50,000
- 358103 – Burke Gilman Trail – (\$500,000)
- 358xxx – South County Regional Trail Linkages - \$500,000
- 358xxx – T/T to Parks for Mountains Sound Greenway - \$394,000: moved from 316810
- 368116 – REET I Transfer to 3160 - \$456,000

## CAPITAL IMPROVEMENT PROGRAM PLAN

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*Section 130*

***ER2***

*EXPENDITURE RESTRICTION: Of the appropriation for CIP Project 358101, Community Partnership Grants Program, the following amounts shall be spent solely as specified below: Steve Cox Park  
Seattle Preparatory School \$50,000.*

## Transportation Program

### Public Transportation Fund Capital Improvement Program

The purpose of the Public Transportation Fund Capital Program is to provide for the ongoing replacement of aging infrastructure and to support service delivery and expansion. A goal is to achieve the optimal set of capital assets in conjunction with service that best satisfy the mission, goals and objectives of the Transit Division. The 2008-2013 Public Transportation Capital Improvement Program (CIP) appropriations are projected to total \$957 million. This is in addition to \$321 million that is currently appropriated for capital projects bringing the program total to \$1.278 billion for 2007-2013. The CIP focuses on maintaining existing infrastructure and systems, partnering with other regional transportation agencies and providing the physical capacity needed to meet projected service increases.

The total 2008 and 2009 Transit Division capital improvement program (CIP) appropriation request is \$542,179,901.

The most significant CIP project requests for 2008 are highlighted below:

#### **40-Ft. Diesel Buses: 2008-9 Proposed Budget \$190,097,230**

#### **60-Ft. Articulated Buses: 2008-9 Proposed Budget \$151,943,094**

The fleet budget is increased significantly in 2008-2009 to replace older vehicles consistent with asset replacement guidelines and to provide for projected service growth. This procurement process will include 389 40 foot buses and 431 articulated buses. Of the articulated buses, 100 are planned for RapidRide service. Once completed in 2013, this phased procurement will result in a fleet mix resulting in increased reliance upon longer buses and hybrid buses.

#### **SR520 Urban Partnership: 2008-9 Proposed Budget \$32,678,647**

King County Metro Transit, WSDOT and the Puget Sound Regional Council submitted a proposal to the U.S. Department of Transportation to establish congestion pricing on the SR 520 Bridge as early as 2009. In August 2007, King County was notified that they won the federal grant competition and will receive funding contingent upon the state approving tolling on the SR 520 Bridge. If tolls are established it is predicted that transit demand will grow by as much as 35% on the corridor. This project budget will respond to the anticipated demand by adding 45 more buses to the fleet, construct shelter upgrades and add up to twelve real time information signs. The operating costs of the new service are expected to be paid for by WSDOT, but an agreement is not yet in place for this payment.

#### **South Kirkland TOD: 2008-9 Proposed Budget \$25,000,000**

The South Kirkland Park and Ride is a viable location for a transit oriented development project involving mixed use real-estate. The scope of this project has increased to include an additional 250 park and ride stalls pending resolution of Urban Partnership Grant eligibility. In August 2007, King County was notified that they won the federal grant competition and will receive funding contingent upon the state approving tolling on the SR 520 Bridge. The project scope has also increased due to higher land values and the potential award of a grant to cover the cost of a transit center.

While project negotiations are on-going with the cities of Kirkland and Bellevue the scope will be adjusted as necessary as grant availability is determined. The funding and project scoping issues will be addressed in 2008 during the project design phase.

#### **Ryerson Base Renovation: 2008-9 Proposed Budget \$12,936,879**

This project will address facility infrastructure replacement as well as facility improvements to allow for future service growth. The infrastructure replacements for this facility constructed in 1986 include: a new roof; heating, ventilation and air-conditioning systems (HVAC); fire detection system; interior

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lighting and an emergency generator.

**Bus Rapid Transit Corridor Initiative: 2008-9 Proposed Budget \$11,979,130**

**Rapid Ride Passenger Facilities: 2008-9 Proposed Budget \$5,978,028**

**Real Time Information: 2008-9 Proposed Budget \$4,593,302**

Following the passage of the Transit Now initiative in November 2006, the Transit Division researched the scope and cost of the voter approved measure. The 2008-9 biennial budget requests provide authority to accomplish the following:

- Implement speed and reliability along the five RapidRide corridors. The investments will include upgrades to traffic control systems to accommodate transit signal priority, a new wireless bus detection system, and in-street communication infrastructure and roadway improvements.
- Design and construction of upgraded passenger facilities and bus layover improvements on the five corridors.
- Procure and install real time customer information signs at select stops on the five corridors. These signs will display the estimated next bus arrival time (within a few minutes of actual arrival) to waiting customers beginning in 2010.

The following table displays the projects greater than \$4,000,000 requested in the 2008-2009 Executive Proposed Budget.

Significant Projects Transit Capital Improvement Program	2008-2009 Executive Proposed Budget	Continuation of Existing Project
40-Ft. Diesel Buses	\$190,097,230	X
60-Ft. Articulated Buses	\$151,943,094	X
SR520 Urban Partnership	\$32,678,647	
Transit Asset Maintenance	\$26,440,484	X
South Kirkland TOD	\$25,000,000	
Ryerson Base Renovation	\$12,936,879	X
Bus Rapid Transit Corridor Initiative	\$11,979,130	X
Transit Oriented Development	\$9,062,377	X
Bus Safety and Access	\$8,924,320	X
Vanpool Fleet	\$8,590,478	X
Operating Facility Capacity Expansion	\$7,849,836	X
Rapid Ride Passenger Facilities	\$5,978,028	X
Operating Facility Improvements	\$5,953,990	X
Non-Revenue Vehicle Replacement	\$5,028,944	X
Real Time Information	\$4,593,302	X
ADA Paratransit Fleet	\$4,318,673	X
Burien Transit Center	\$4,105,977	X

***COUNCIL ADOPTED BUDGET***

*Council made no changes to the 2008 Executive Proposed Budget.*

## **Road Services Capital Program**

The primary goal of the Capital Improvement Program continues to be the construction of improvements to existing roadways to provide safe, efficient and environmentally sound transportation facilities for the movement of goods, services and the general public. The CIP is developed to provide safe roads and bridges, to be consistent with federal, state and county land use policies and plans and to meet identified transportation needs. This CIP addresses the needs and deficiency issues of the Division's facilities with an eye to the future of King County.

The proposed 2008-2013 Roads CIP totals \$405 million for the six-year period, including a new appropriation in 2008 of \$63 million for both road projects and facility projects. The road and bridge improvements reflected in this program are consistent with the principles and policies of the adopted King County Comprehensive Plan.

The most significant CIP project requests for 2008 are highlighted below:

### **Countywide Overlay Program: \$7,761,000**

The proposed budget includes \$7.7 million in 2008 to overlay county roads. This is part of the \$50.8 million investment the county will be making over the next six years to preserve roadways. The countywide overlay program is one of the key programs that ensure the preservation of the 1,850 centerline miles of roads within unincorporated King County. The investment in surface paving maximizes the service life, at the least cost, of our roads and provides a smooth driving surface for the efficient movement of freight and passenger vehicles throughout unincorporated King County.

### **Facility Maintenance Program: \$9,678,000**

The proposed budget includes \$9.7 million of budget authority in 2008 and \$66.6 million in the remaining five years of the six year plan for the facility rehabilitation program. The sale of the Summit Pit property necessitates the construction of a new South Regional Maintenance Facility and provides an opportunity to bring the remaining facilities up to code and to current environmental regulations. The facility replacement costs, eventually involving a North Regional Facility siting and construction is funded out of the projected Summit Pit sale proceeds.

The facility repair projects, first proposed in the 2007 budget, are necessary to prevent more costly repairs in the future, ensure a safe and healthy working environment for staff, prevent any disruption of service, improve energy efficiency, and comply with current regulations. This will involve construction of new facilities to replace surplus and outdated buildings; improvements to existing buildings: fire alarm system, heating, lighting, roofs, gutters, downspouts, heating, ventilation and air-conditioning (HVAC) systems, insulation, windows, sewer; and improvements to sites: security, covers, drainage ponds, vactor and decants areas, sewer connections, and salt and other material storage areas.

### **South Park Bridge: \$7,737,000**

In 2008 as the EIS for the replacement South Park Bridge draws to a close, the Road Services Division will begin design of the Bascule Bridge selected alternative. This budget includes a 2008 appropriation of \$7.7 million to begin the design effort. Design is scheduled to be finished in 2009 and in 2010 this project is slated for construction if the needed revenues can be found. The current project estimate is \$150 million with the bulk of the revenue coming from the potential passage of the RTID this November.

### **Bandaret Bridge: \$3,236,000**

The current timber bridge, on South East May Valley Road over Issaquah Creek, is reaching the end of its useful life. The 2008 appropriation for construction is \$3.2 million and is partially funded by the

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federal bridge replacement program. Construction is scheduled to begin in May of 2008 and continue to the end of 2009.

The following table displays significant projects in the 2008-2013 six year capital programs.

Significant Projects Roads Capital Improvement Program	2008 Executive Proposed Budget	Continuation of Existing Project
South Park Bridge	\$7,737,000	X
Facility Maintenance Program – Fund 385	\$9,678,000	X
Bandaret Bridge	\$3,236,000	X
Countywide Overlay	\$7,761,000	X

**COUNCIL ADOPTED BUDGET**

- 200608 - North Regional Maintenance Facility – (\$366,000)
- 300808- South Regional Maintenance Facility – (\$3,504,000)
- 700108 – Roofing and Energy Efficiencies – (\$3,073,000)
- 100110 – Juanita-Woodinville Way NE / NE 160<sup>th</sup> St – (\$48,000)
- 100308 – NE Novelty Hill Rd @ NE Redmond Rd – (\$47,180)
- 100408 – Avondale Rd – Phase 1 – (\$92,000)
- 100507 – Safer Wildlife/Community Mobility Through Novelty – (\$572,000)
- 200208 – Bandaret Bridge #493B – (\$206,000)
- 200994 – Mount Si Bridge #2550A – (\$569,753)
- 300308 – Peasley Canyon Rd @ Peasley Canyon Way – (\$99,190)
- RDCW31 – ADA Compliance – (\$41,720)

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*ERI*

*EXPENDITURE RESTRICTION: Of this appropriation, the following expenditure restrictions shall apply: (a) for Roads CIP Project 100110, Juanita Woodinville Way NE, no more than \$308,000 shall be encumbered or expended in option 009; (b) for Roads CIP Project 100308, NE Novelty Hill Rd @ NE Redmond Rd, no more than \$27,820 shall be encumbered or expended in option 007; (c) for Roads CIP Project 100408, Avondale Rd - Phase 1, no more than \$408,000 shall be encumbered or expended in option 007; (d) for Roads CIP Project 200208, Bandaret Bridge #493B, no more than \$505,000 shall be encumbered or expended in option 009; (e) for Roads CIP Project 200994, Mt. Si Bridge #2550A, no more than \$1,256,247 shall be encumbered or expended in option 009; (f) for Roads CIP Project 300308, Peasley Canyon Road at Peasley Canyon Way no more than \$94,710 shall be encumbered or expended in option 007 and no more than \$86,100 shall be encumbered or expended in option 009; and (g) for Program RDCW31, ADA Compliance, no more than \$271,280 shall be encumbered or expended in option 007.*

**King County International Airport (KCIA) Capital Improvement Program**

The purpose of the airport capital program is to maintain, upgrade and redevelop a first-class general aviation transportation facility that provides safe and continuous general aviation services. The goals of the 2008 King County International Airport (KCIA) capital program are to continue to fund various airport projects and programs that will help achieve:

- **Financial and Operational Sustainability and Effectiveness:** Through the use of best business practices, as well as cost containment and increasing airport fees, KCIA will strive to stabilize the



operating and CIP funds for short and long-term financial stability.

- **Safety and Security:** To operate a safe and secure airfield facility that meets all applicable federal, state, and local regulatory requirements.
- **Customer Service and Efficiency:** To continue to evolve as an efficient, professional staff, responsive to KCIA's customer needs and King County government goals.

**Environmental Stewardship:** To practice sound environmental stewardship by being respectful of neighboring communities and the natural resources within these communities.

The total KCIA capital improvement program (CIP) appropriation is \$13,120,301, with a total of \$67,262,301 over the six year program. The KCIA CIP program relies mainly on grants from the FAA and revenue transferred from the operating fund. The majority of these projects are FAA backed at 90%.

The most significant CIP project requests for 2008 are highlighted below:

**Taxiway Bravo Rehabilitation: \$8,450,939**

Taxiway Bravo ("B") is the Airport's primary taxiway for access to Boeing Military Flight Center and Delivery Center, and is used by Design Group 4 aircraft and above. The existing surface has reached the end of its usable life, is requiring increased maintenance and has experienced several recent pavement failures.

The proposed project would overlay the existing surface to improve the durability of the pavement, re-grade the surface to eliminate the wheel ruts and reduce ponding; install perimeter drains to improve sub-grade stability and modify the safety area grades to comply with FAA requirements.

**Airport Facilities Repair: \$2,944,000**

As a landlord, the Airport is obligated to maintain all leased or public buildings in a safe and useable condition. Many of the Airport's buildings and infrastructure are 50 years old and need significant rehabilitation, renovation, or demolition. In 2003, the Airport's consultant, Carter Burgess, evaluated facilities and infrastructure to determine maintenance and repair priorities. The study provided a tool through which KCIA can triage facilities while maintaining repair and replacement priorities.

**Home Insulation Program: \$1,700,000**

This project will develop and implement a multi-year Sound Insulation Program that calls for King County International Airport ("Airport") to sound attenuate single-family houses (4-plex or smaller) to reduce interior noise levels by 5 Decibels (dB) in qualifying homes. This is a voluntary program that is financed with Federal Aviation Administration (90 percent) and Airport (10 percent) funds following federal guidelines for eligibility. This program includes homes located in the Georgetown, Beacon Hill and Tukwila/Allentown neighborhoods as defined in the Airport's approved FAA Part 150 Noise Compatibility Study. The 2008 milestones are to complete a 10-home pilot project and implement the design and retrofit of 100 homes in the 70 dB Day/Night Noise Level (DNL).

**Aircraft Rescue and Fire Fighting (ARFF) Apparatus: \$1,500,000**

KCIA is responsible for public safety at the airport, which includes emergency preparedness and response. To fulfill this responsibility, the Airport operates an Aircraft Rescue and Fire Fighting truck. The Airport must replace a 30 year old fire truck with one capable of meeting its current aircraft rescue and firefighting needs. The cost is estimated at \$1,500,000 to order and build a new fire truck, based on KCIA specifications. The current state of the art fire rescue apparatus permits the airport to provide fire fighting protection services for all scheduled passenger and cargo aircraft currently serving Boeing Field. Regular scheduled cargo services are provided by UPS, DHL, and BAX Global. The fire truck has a 1,950 gallon per minute capacity and handles water/foam, and dry chemicals. This apparatus will be purchased with Airport revenues generated from lease, landing and fuel flowage fees.

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The following table displays projects of \$500,000 and greater requested in the 2008 Executive Proposed Budget.

<b>Significant Projects Airport Capital Improvement Program</b>	<b>2008 Executive Proposed Budget</b>	<b>Continuation of Existing Project</b>
Taxiway Bravo Rehabilitation	\$8,450,939	X
Airport Facilities Repair	\$2,944,000	X
Home Insulation Program	\$1,700,000	X
ARFF Apparatus	\$1,500,000	X
Security Improvements	\$ 600,000	X
Fleet <sup>1</sup>	\$ 503,500	
Duwamish Clean-up Phases I, II, & III	\$ 500,000	X
Runway 13R/31L Overlay	(\$ 4,000,000)	

<sup>1</sup> New project for the KCIA capital program in 2008, it was previously programmed in the operating budget.

***COUNCIL ADOPTED BUDGET***

*Council made no changes to the 2008 Executive Proposed Budget.*

## **The Real Estate Excise Tax Funds (REET)**

R.C.W. 82.46 authorizes King County to impose two excise taxes on each sale of real property in the unincorporated areas of the county; both are levied at one quarter of one percent of the selling price. They are commonly referred to as Real Estate Excise Tax #1 (REET #1) and Real Estate Excise Tax #2 (REET #2). REET #1 revenue may be used for capital improvements benefiting unincorporated residents, and has traditionally been used to fund the planning, acquisition, repair and development of park facilities. The use of REET #2 revenue is limited by Ordinance 10455 to funding park planning, repair and construction rather than acquisitions.

Refer to the “*Economic and Revenue Forecast*” section for more information on the 2008 REET revenue forecast.

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## Real Estate Excise Tax #1/3681

	2006 Actual <sup>1</sup>	2007 Adopted <sup>2</sup>	2007 Estimated <sup>11</sup>	2008 Adopted	2009 Projected	2010 Projected
<b>Beginning Fund Balance</b>	<b>12,564,526</b>	<b>2,781,405</b>	<b>16,953,796</b>	<b>5,436,362</b>	<b>44,089</b>	<b>500,000</b>
<b>Revenues</b>						
* REET Tax <sup>3</sup>	11,849,502	7,455,058	9,233,642	6,277,198	6,347,780	6,714,356
* Annexation of Lea Hill and West Hill Auburn <sup>12</sup>				(262,456)	(265,408)	(280,734)
* Sale of Property <sup>6</sup>			102,150			
* Other Revenue Source <sup>10</sup>	39,019		39,019			
<b>Total Revenues</b>	<b>11,888,521</b>	<b>7,455,058</b>	<b>9,374,811</b>	<b>6,014,742</b>	<b>6,082,373</b>	<b>6,433,622</b>
<b>Expenditures</b>						
* <b>Parks &amp; Open Space Expenditures <sup>4</sup></b>				<b>(8,852,357)</b>	<b>(3,395,532)</b>	<b>(4,202,392)</b>
* T/T Parks CIP Fund 3160	(2,907,861)	(6,376,076)	(6,676,076)			
* T/T Parks CIP Fund 3490	(2,284,479)	(818,565)	(1,227,903)			
* T/T Open Space CIP Fund 3522	(81,474)	(313,500)	(313,500)	(400,000)		
* REET 1 Finance Charges <sup>7</sup>	(4,119)	(2,876)	(2,876)	(2,859)	(2,959)	(3,063)
* Debt Service <sup>8</sup>	(2,221,318)	(2,225,446)	(2,225,446)	(2,151,799)	(2,227,970)	(2,228,167)
* Estimated 2006 CIP Carryover/CIP Rec <sup>9</sup>			(10,446,444)			
<b>Total Expenditures</b>	<b>(7,499,251)</b>	<b>(9,736,463)</b>	<b>(20,892,245)</b>	<b>(11,407,015)</b>	<b>(5,626,462)</b>	<b>(6,433,622)</b>
<b>Estimated Underexpenditures</b>						
Other Fund Transactions						
<b>Total Other Fund Transactions</b>						
<b>Ending Fund Balance</b>	<b>16,953,796</b>	<b>500,000</b>	<b>5,436,362</b>	<b>44,089</b>	<b>500,000</b>	<b>500,000</b>
<b>Reserves &amp; Designations</b>						
* Estimated 2006 CIP Carryover <sup>9</sup>	(10,446,444)					
<b>Total Reserves &amp; Designations</b>	<b>(10,446,444)</b>					
<b>Ending Undesignated Fund Balance</b>	<b>6,507,352</b>	<b>500,000</b>	<b>5,436,362</b>	<b>44,089</b>	<b>500,000</b>	<b>500,000</b>
<b>Target Fund Balance <sup>5</sup></b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>

### Financial Plan Notes:

<sup>1</sup> 2006 Actuals are per Final 14th Month ARMS.

<sup>2</sup> 2007 Adopted is per the 2007 Adopted Budget Book. 2007 Adopted was based on assumption including 60% of East Renton PAA annexed as of 3/01/07.

<sup>3</sup> 2007 Estimated and 2008 - 2010 are based on *August 2007 Budget Office projection*.

<sup>4</sup> The total budget for 2008 - 2010 T/T Parks CIP Fund 3160 and T/T Parks CIP Fund 3490 is included as a lump sum, to be distributed in the 2008 - 2010 Budgets.

<sup>5</sup> Current target fund balance policy requires a \$500,000 undesignated fund balance for the provision of mid-year contingencies and emergencies.

<sup>6</sup> Treemont acquisition agreement - Schroeder property sale proceeds expected in 2007.

<sup>7</sup> 2008 Finance Charges inflated 2.5% per year and 2009 - 2010 Finance Charges inflated 3.5% per year based on OMB projections.

<sup>8</sup> 2006 includes (997,750) for Parks Land Acquisition Bonds; (1,090,890) for Refunded 1993A Bonds; (132,678) for Treemont Acquisition Bonds. 2007 includes (1,000,000) for Parks Land Acquisition Bonds; (1,092,743) for Refunded 1993A Bonds; (132,703) for Treemont Acquisition Bonds. 2008 includes (1,000,750) for Parks Land Acquisition Bonds; (1,094,171) for Refunded 1993A Bonds; (132,578) for Treemont Acquisition Bonds. 2009 includes (1,000,000) for Parks Land Acquisition Bonds; (1,094,692) for Refunded 1993A Bonds; (133,278) for Treemont Acquisition Bonds. 2010 includes (997,750) for Parks Land Acquisition Bonds; (1,097,614) for Refunded 1993A Bonds; (132,803) for Treemont Acquisition Bonds.

<sup>9</sup> The 2006 Carryover is included as a line item in 2007 Estimated until CIP Reconciliation is completed.

<sup>10</sup> This is revenue related to Treemont acquisition agreement (Patterson Creek Preserve timber sale).

<sup>11</sup> The 2007 Estimated column includes the 1st Quarter Omnibus Supplemental ordinance affecting transfers to funds 3160 and 3490.

<sup>12</sup> Annexations voted on for Lea Hill, West Hill Auburn.

CAPITAL IMPROVEMENT PROGRAM PLAN

Real Estate Excise Tax #2/3682

	2006 Actual 1	2007 Adopted 2	2007 Estimated	2008 Adopted	2009 Projected	2010 Projected
<b>Beginning Fund Balance</b>	<b>15,756,793</b>	<b>4,329,403</b>	<b>17,050,488</b>	<b>3,451,195</b>	<b>1,100,254</b>	<b>800,000</b>
<b>Revenues</b>						
* REET Tax <sup>3</sup>	11,710,448	7,455,058	9,233,642	6,277,198	6,347,780	6,714,356
* Annexation of Lea Hill and West Hill Auburn <sup>10</sup>				(262,456)	(265,408)	(280,734)
<b>Total Revenues</b>	<b>11,710,448</b>	<b>7,455,058</b>	<b>9,233,642</b>	<b>6,014,742</b>	<b>6,082,373</b>	<b>6,433,622</b>
<b>Expenditures</b>						
* <b>Parks &amp; Open Space Expenditures</b> <sup>4</sup>				<b>(7,655,605)</b>	<b>(5,663,087)</b>	<b>(5,710,619)</b>
* T/T Parks CIP Fund 3160	(4,342,356)	(5,484,329)	(6,203,659)			
* T/T Parks CIP Fund 3490	(5,106,821)	(3,285,600)	(3,199,683)			
* T/T SWM CIP Fund 3292	(250,000)					
* REET 2 Finance Charges <sup>6</sup>	(1,653)	(1,959)	(1,959)	(1,754)	(1,815)	(1,879)
* Debt Service <sup>7</sup>	(715,923)	(712,574)	(712,574)	(708,324)	(717,724)	(721,124)
* Transfer to Cities - Annexation <sup>9</sup>		(1,500,000)	(1,500,000)			(300,000)
* 2006 Estimated CIP Carryover <sup>8</sup>			(11,215,060)			
<b>Total Expenditures</b>	<b>(10,416,753)</b>	<b>(10,984,462)</b>	<b>(22,832,935)</b>	<b>(8,365,683)</b>	<b>(6,382,627)</b>	<b>(6,733,622)</b>
<b>Estimated Underexpenditures</b>						
Other Fund Transactions						
* <b>Total Other Fund Transactions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Ending Fund Balance</b>	<b>17,050,488</b>	<b>799,999</b>	<b>3,451,195</b>	<b>1,100,254</b>	<b>800,000</b>	<b>500,000</b>
<b>Reserves &amp; Designations</b>						
* Estimated 2006 CIP Carryover <sup>8</sup>	(11,215,060)					
* Annexation Incentive Reserve <sup>9</sup>	(1,800,000)	(300,000)	(300,000)	(300,000)	(300,000)	0
<b>Total Reserves &amp; Designations</b>	<b>(13,015,060)</b>	<b>(300,000)</b>	<b>(300,000)</b>	<b>(300,000)</b>	<b>(300,000)</b>	<b>0</b>
<b>Ending Undesignated Fund Balance</b>	<b>4,035,428</b>	<b>499,999</b>	<b>3,151,195</b>	<b>800,254</b>	<b>500,000</b>	<b>500,000</b>
<b>Target Fund Balance</b> <sup>5</sup>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>

**Financial Plan Notes:**

<sup>1</sup> 2006 Actuals are per Final 14th Month ARMS.

<sup>2</sup> 2007 Adopted is per the 2007 Adopted Budget Book. 2007 Adopted was based on assumption including 60% of East Renton PAA annexed as of 3/01/07.

<sup>3</sup> 2007 Estimated and 2008 - 2010 are based on *August 2007 Budget Office projection*.

<sup>4</sup> The total budget for 2008 - 2010 T/T Parks CIP Fund 3160 and T/T Parks CIP Fund 3490 is included as a lump sum, to be distributed in the 2008 - 2010 Proposed Budgets.

<sup>5</sup> Current target fund balance policy requires a \$500,000 undesignated fund balance for the provision of mid-year contingencies and emergencies.

<sup>6</sup> 2008 Finance Charges inflated 2.5% per year and 2009 - 2010 Finance Charges inflated 3.5% per year based on OMB projections.

<sup>7</sup> REET 2 Debt Service for 2006 includes (585,619) for Ballfield Initiative Bonds and (130,305) for HOPE VI loan. 2007 includes (582,669) for Ballfield Initiative Bonds and (129,905) for HOPE VI loan. 2008 includes (578,419) for Ballfield Initiative Bonds and (129,905) for HOPE VI loan. 2009 includes (587,819) for Ballfield Initiative Bonds and (129,905) for HOPE VI loan. 2010 includes (591,219) for Ballfield Initiative Bonds and (129,905) for HOPE VI loan.

<sup>8</sup> The 2006 Carryover is included as a line item in 2006 Estimated until CIP Reconciliation is completed.

<sup>9</sup> In 2006 Adopted Budget column the reserve for future annexations was reduced by \$200,000 appropriated for planned transfer to Issaquah for Klahanie Annexation in 2006. In 2007 Adopted column the reserve was reduced by \$1,500,000 appropriated, to be combined with existing appropriation that was rescoped in the 2007 budget for a total of \$1,700,000 to reflect current negotiations with cities.

<sup>10</sup> Annexations voted on for Lea Hill, West Hill Auburn.

## Information Technology Investment - Financial Requirements Summary

Included in this section is an Information Technology (IT) Investment – Financial Requirements Summary that provides an overview and multi-year context for the 2008 proposed IT projects.

\$23.0 million of IT projects are included in the 2008 budget request and include:

- Existing Project Implementation \$ 10.2 million
- New Project Implementation \$ 5.8 million
- Equipment Replacement \$ 7.0 million

Included in the summary table are potential out-year requests for technology projects. Potential out-year requests encompass future year funding for existing projects or new projects anticipated in 2009 and 2010. In many cases out-year costs are to be determined (TBD) and updated information and cost estimates will be developed during future budget cycles as a part of the business case development process. Funding for out-year projects has not been identified and under current financial constraints could require postponement or delay in project implementation.

Information Technology - Financial Requirements Summary - Executive 2008 Proposed Budget									
Item	Agency	Project/Description	Appropriation thru 2006 (Existing Projects)	2007 Adopted Budget	2007 Supplemental	2008 Proposed Budget	2008 Supplemental Projected	2009 Potential	2010 Potential
<b>Beginning Revenue less Expenditure</b>			-	-	-	(203,000)	-	-	-
<b>Revenues</b>									
CX Transition	OIRM	Countywide IT Projects		1,437,864		292,125		TBD	TBD
CX Transition	Various	Agency IT Projects		2,762,805	248,000	202,282	3,105,473	TBD	TBD
CX Operating Funds (Equipment Replacement)				1,063,596		1,182,740		-	-
CX Funds - Disappropriation of CX Funded Projects in Fund 3771						1,328,111			
<b>Subtotal CX Revenue</b>				5,264,266		3,005,258	3,105,473	TBD	TBD
<b>NON-CX Revenue</b>									
CIP Rate	OIRM			1,812,590		607,875		TBD	TBD
<b>Non-CX Funds</b>									
	DCHS					362,162		-	-
	DCHS DDD			99,700		335,684		-	-
	DCHS MHCADS			500,000		-		-	-
	DDES			332,540		423,544		-	-
	DES			413,203		307,230		-	-
	DES FMD			143,646		120,000		-	-
	DES - Finance			1,027,147		-		-	-
	DES-E911			239,862		2,604,281		-	-
	DES-REALS			817,666		1,444,634		1,630,776	-
	DNRP			990,266		1,616,074		-	-
	DOT			12,798,912	1,400,000	7,250,504		1,711,311	823,407
	Project Transfer			57,500		-		-	-
	KCSO AFIS			5,648,071		267,638		-	-
	OIRM Telecom			-		-		-	-
	OIRM			1,677,706		2,304,125		-	-
	OIRM RCS			730,000		914,238		-	-
	Public Health			400,000		725,000		-	-
	Public Health - EMS			126,313		210,876		-	-
	Debt Funding			2,396,938	5,059,194	940,000		2,623,666	1,323,666
<b>Total Revenue</b>			<b>96,680,805</b>	<b>35,476,325</b>		<b>23,439,123</b>	<b>3,105,473</b>	<b>5,965,753</b>	<b>2,147,073</b>

## CAPITAL IMPROVEMENT PROGRAM PLAN

### Information Technology - Financial Requirements Summary - Executive 2008 Proposed Budget

Item	Agency	Project/Description	Appropriation thru 2006 (Existing Projects)	2007 Adopted Budget	2007 Supplemental	2008 Proposed Budget	2008 Supplemental Projected	2009 Potential	2010 Potential
<b>Expenditures</b>									
Existing Projects	Assessor	Property Based System Replacement	(501,237)	(657,304)		-		(12,900,000)	TBD
	DAJD	Community Corrections Application Upgrade	(274,000)	-	-	(275,000)	(2,098,473)		
	DCHS	MHCADS Digitizing Paper Records	-	(330,000)		-		-	
	DCHS	MHCADS System Development	-	(170,000)		-		-	
	DES Administration	Accountable Business Transformation	(3,973,663)	-	(5,059,194)	-		TBD	TBD
	DES FBOD	MSA Bi Weekly	-	(1,656,438)		-	-	-	-
	DES FMD	FMD Construction Project Management System	-	(143,646)		(120,000)		-	
	DES FMD	SO-DAJD-FMD Radio System Enhancements	-	(127,560)		(75,000)		(1,300,000)	TBD
	DES REALS	Electronic Records Management System	(740,472)	(817,666)		(1,444,634)		(1,630,776)	
	DOT	Radio and AVL Replacement	(44,607,040)	(3,575,211)		-		-	
	DOT	Regional Fare Coordination	(24,696,525)	(969,092)		(135,217)		-	
	DOT	On Board Systems	(11,149,178)	(6,893,023)		(795,216)		(1,444,876)	(664,040)
	DOT	BOSS Replacement	(1,068,489)	(415,998)		(69,225)		-	
	DOT	Real Time Information Signs			(1,400,000)	(4,326,867)		(266,435)	(159,367)
	DOT	ADA System Enhancements				(150,000)			
	DOT - Airport	Airport Cabling System	-	(125,000)		(600,000)		-	-
	KCSC	Juvenile Court Electronic Orders	(41,950)	(259,265)		-		-	
	KCSC	Interpreter Scheduling System	-	(51,955)		-		-	
	KCSO	Employee Early Intervention System	-	(57,500)		-		-	
	KCSO	Live Scan End of Life Refreshment	-	(556,010)		Re-appropriated in 2008		-	
	KCSO	New Generation AFIS	-	(5,092,061)		Re-appropriated in 2008		-	
	KCSO	Wireless CAD Upgrade	-	(507,455)		-		-	
	KCSO	Inventory Tracking and Asset Management				(35,640)			
	OIRM	Alternative Work Station	(295,000)	-		-		TBD	
	OIRM	Business Continuity Program	(1,973,800)	(1,753,748)		-		-	
	OIRM	Information Security and Privacy	(3,470,245)	(1,231,391)		-		TBD	
	OIRM	IT Project Management	(285,000)	(134,583)		-			
	OIRM	Network Infrastructure Optimization Program	(3,335,306)	(770,000)		-		-	

## CAPITAL IMPROVEMENT PROGRAM PLAN

<b>New IT Projects</b>	DAJD	Novell to Windows Migration				\$ (525,000)	\$ -	-	
	DCHS	Client Information System				\$ (335,684)			
	DDES	Permit Integration				\$ (398,544)	\$ -	TBD	
	DES	E-911 – Equipment Upgrade				\$ (2,604,281)	\$ -		
	DJA	CORE Upgrade Business Case				\$ (120,000)	\$ -	TBD	
	DNRP -Parks	Replacement of R:Base for DOS Program				\$ (201,890)			
	KCSO	KCSO IT Strategic Plan				\$ (200,000)	\$ -		
	KCSO	IRIS/TESS Replacement				\$ (222,000)	\$ -	(4,200,000)	
	KCSO - AFIS	Laboratory Information Management System				\$ (267,638)	\$ -	-	
	KCSO	Bait Car Control System				\$ (27,753)	\$ -		
	KCSO	SECTOR Deployment				\$ (50,000)	\$ -	(750,000)	
	OIRM - Radio	Radio Infrastructure Facility & Tower Grounding				\$ (480,000)	\$ -	-	
	OIRM - Radio	Radio Tower Repair Work				\$ (120,000)	\$ -	-	
	Public Health - EMS	Criteria Based Dispatch Guidelines/CBD Software (Port of Seattle)				(210,876)	-	-	
<b>Subtotal: New IT Projects</b>						<b>(5,763,666)</b>	<b>-</b>	<b>(4,950,000)</b>	<b>-</b>
<b>Expenditures Total</b>			<b>(33,799,178)</b>	<b>(23,110,979)</b>	<b>(3,105,473)</b>	<b>(25,115,753)</b>	<b>(2,147,073)</b>		
<b>Revenues Less Expenditures by Year</b>			<b>1,677,147</b>	<b>125,144</b>	<b>-</b>	<b>(19,150,000)</b>	<b>-</b>		

TBD: To be Determined



## CAPITAL IMPROVEMENT PROGRAM PLAN

<b>Equipment Replacement</b>	DAJD			(125,000)		Incl in Novell to Windows Project			
	DCHS			(172,680)		(362,162)			
	DDES			(332,540)		(225,000)			
	DES			(645,629)		(257,230)			
	DJA			-		(321,750)			
	DNRP			(990,266)		(1,040,486)			
	DOA			(125,000)		(250,000)			
	DOT			(820,588)		(1,123,979)			
	KCSC			(231,000)		(80,000)			
	KCSO			(137,190)		(443,900)			
	OIRM			(1,677,706)		(2,304,125)			
	PAO			(82,500)		(87,090)			
	PH			(400,000)		(675,000)			
	<b>Subtotal: IT Equipment</b>				<b>(5,740,099)</b>		<b>(7,170,722)</b>	-	
<b>New IT Projects</b>	DAJD	Novell to Windows Migration				\$ (525,000)	\$ -		-
	DCHS	Client Information System				\$ (335,684)			
	DDES	Permit Integration				\$ (398,544)	\$ -		TBD
	DES	E-911 – Equipment Upgrade				\$ (2,604,281)	\$ -		
	DJA	CORE Upgrade Business Case				\$ (120,000)	\$ -		TBD
	DNRP -Parks	Replacement of R:Base for DOS Program				\$ (201,890)			
	KCSO	KCSO IT Strategic Plan				\$ (200,000)	\$ -		
	KCSO	IRIS/TESS Replacement				\$ (222,000)	\$ -		(4,200,000)
	KCSO - AFIS	Laboratory Information Management System				\$ (267,638)	\$ -		-
	KCSO	Bait Car Control System				\$ (27,753)	\$ -		
	KCSO	SECTOR Deployment				\$ (50,000)	\$ -		(750,000)
	OIRM - Radio	Radio Infrastructure Facility & Tower Grounding				\$ (480,000)	\$ -		-
	OIRM - Radio	Radio Tower Repair Work				\$ (120,000)	\$ -		-
	Public Health - EMS	Criteria Based Dispatch Guidelines/CBD Software (Port of Seattle)				(210,876)	-		-
<b>Subtotal: New IT Projects</b>				-		<b>(5,763,666)</b>	-		<b>(4,950,000)</b>
<b>Expenditures Total</b>				<b>(33,799,178)</b>		(23,110,979)	(3,105,473)	(25,115,753)	(2,147,073)
<b>Revenues Less Expenditures by Year</b>				1,677,147		125,144	-	(19,150,000)	-

TBD: To be Determined

CAPITAL IMPROVEMENT PROGRAM PLAN

**Information Technology Investment – Benefit Realization Summary**

The table below summarizes benefits anticipated from Information Technology Projects. This table was initiated during the 2007 Budget discussions with King County Council. It provides updated information for new and existing IT Projects.

Agency Managing Project	Fund Where Cost Savings Will Occur	Project <sup>1</sup>	Status of Benefit Realization				Project Start Year	Estimated Project Complete Year	Budget Reductions are Targeted to Begin <sup>2</sup> Year	Projected Cost Savings by Year <sup>3</sup>					Status / Reference of Cost Savings Projections
			Project Has 2008 Budget Request	Existing Project	Report on Measured Benefits Submitted to PRB	Budget Actions on Cost Savings were Implemented				2009	2010	2011	2012	2013	
DES Finance	DES Finance	MSA On-Line			X	X	2007	2007	2008	153,785	153,785	153,785	153,785	153,785	Revised 2007 Business Case
DES FMD	DES FMD	FMD Construction Project Management System <sup>5</sup>	X	X			2007	2008	2009	62,399	62,399	62,399	62,399	62,399	2008 Budget Request Revision to Original 2007 Request
KCSC	CX	Juvenile Court Electronic Orders <sup>5</sup>					2007	2007	2009	20,000	20,500	21,013	21,538	22,076	Revision to Original 2007 Request
KCSC	CX	Interpreter Scheduling System <sup>5</sup>					2007	2007	2009	22,680	23,247	23,828	24,424	25,034	Revision to Original 2007 Request
KCSO	CX	Wireless CAD Upgrade <sup>5</sup>					2007	2007	2009	137,000	137,000	137,000	137,000	137,000	Revision to Original 2007 Request
Public Health EMS	Public Health EMS	Web CBD Guidelines - Phase II				X	2007	2007	2008	26,540	30,083	37,982	35,839	35,839	Original / 2007 Budget
OIRM	Executive Various Funds	Executive Branch IT Reorganization <sup>5</sup>	X	X			2006	2009	2009	444,478	#####	1,523,148	1,950,962	2,017,365	Revision to Original 2007 Budget
DES Admin	TBD	Accountable Business Transformation		X			2005	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
Public Health	Public Health	Jail Health EMRS			X	X	2004	2007	2008	229,991	229,991	229,991	229,991	229,991	2008 Budget Request
DJA	CX	Document Management System Replacement Project			X	X	2005	2006	2008	100,000	100,000	100,000	100,000	100,000	Original / 2005 Budget
OIRM	CX	LSJI <sup>4</sup>		X			2003	TBD	TBD	TBD	TBD	TBD	TBD	TBD	

<sup>1</sup> Information is based on the IT project business case and cost/benefit analysis for projects with identified cost savings submitted by requesting agencies.

<sup>2</sup> Some projects may assume a mid-year implementation

<sup>3</sup> Cost savings to be validated during measurement and reporting phase as described in the report Cost Savings Opportunities from IT Efficiency Projects

<sup>4</sup> Initial cost savings estimates were prior to the establishment of this cost savings methodology. The original business case for this project was developed with the 2003 budget request.

<sup>5</sup> Project implementation has been delayed resulting in a delay of anticipated benefit realization.

**CIP General Fund Transfers**

Please see the respective program pages for a full description of the transfers listed below. These items are discussed elsewhere in the budget section.

**Building Repair and Replacement:**

The following facility projects are supported by General Fund Transfers. The \$2,500,000 General Fund amount in the Status Quo Budget has been reversed (PC27) and replaced with the individual projects amounts funded using the Status Quo Budget. The resulting amount of \$(146,768) is equal to the amount of the Status Quo Budget that was not used to fund projects in 2008. Each of these projects is described on project pages in the 2008 Executive Proposed Capital Budget Book.

Access Control (Alarms and Keycards)	\$353,321
KCCF Generator Room Improvements	\$320,629
Accessibility (ADA) Projects	\$311,876
OMP Public Health Facility Analysis	\$35,000
Facility Master Plan Superior Court Phase II	\$465,714
Animal Control Facility Master Plan	\$180,614
Courthouse Courtroom Acoustical Treatment	\$48,993
Yesler Building 2 <sup>nd</sup> Floor DAJD Remodel	\$129,704
Security Master Plan	\$507,381
Adjustment to PSQ	\$(2,500,000)

**Risk Mitigation/Technology Projects:**

The Proposed Status Quo budget included \$1,000,000 for the General Fund (CX) share of County-wide technology projects. Of this amount only \$292,125 was required in the 2008 budget and the remaining \$707,875 was available for cancellation in the 2008 Executive Proposed Budget.

The remaining \$202,282 of General Fund (CX) Transfer budget authority provides revenue backing for the share of the 2008 technology capital project costs in excess of the \$1,328,111 of revenue backing made available through the cancellation of existing project excess budget authority. The projects funded by the \$1,530,393 combination of General Fund transfers and project cancellations are listed below:

FMD SO-DAJD-FMD Radio System Enhancements	\$ 75,000
Novell to Windows Migration	\$ 525,000
Community Corrections Application Upgrade	\$ 275,000
CORE Upgrade Business Case	\$ 120,000
SECTOR Deployment	\$ 50,000
KCSO IT Strategic Plan	\$ 200,000
IRIS/TESS Replacement Project	\$ 222,000
Inventory Tracking and Asset Management	\$ 35,640
Bait Car Control System	\$ 27,753

**Technical Adjustments:**

The Major Maintenance technical adjustment provides the revenue increment necessary to fully fund the Major Maintenance Reserve Fund model. The Burke Gilman Trail Surplus amount represents sale proceeds from a 2007 property sale will be proposed for transfer to fund an acquisitions evaluation project in a Parks capital fund.

CAPITAL IMPROVEMENT PROGRAM PLAN

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***COUNCIL ADOPTED BUDGET***

*OIRM – Cut DAJD Novell to Windows Migration – (\$525,000).*

*OIRM – Reduce T/T for IT ReOrg – (\$313,333).*

*Major Maintenance – Reduce T/T for Animal Control Projects – (\$708,614).*

*Building Repair and Replacement – Reduce T/T for Security Study – (\$507,381).*

# CAPITAL IMPROVEMENT PROGRAM PLAN

## 2008 Adopted Budget CAPITAL IMPROVEMENT PROGRAM 2008 - 2013

Program Description	2008		2010	CAPITAL PLAN			TOTAL
	Adopted Budget	2009		2011	2012	2013	
<b>Law, Safety and Justice</b>	12,114,085	8,134,141	10,845,730	11,078,114	9,361,460	8,063,221	59,596,751
<b>Mental and Physical Health</b>	7,620,319	2,956,300		663,926	2,070,031	1,448,741	14,759,317
<b>Physical Environment &amp; Resource Mgmt</b>	94,065						94,065
Agricultural and Forest Preservation	32,100,431	8,173,089	4,623,727	5,597,239	5,185,125	5,364,656	61,044,267
Flood and Surface Water Facilities	13,724,357	8,701,266	9,154,683	9,620,214	10,159,358	10,648,740	62,008,618
Open Space Habitat Acquisition	26,355,333	-	-	-	-	-	26,355,333
Park Facilities Restoration	19,867,697						19,867,697
Regional Cultural Facilities (Parks)	79,018,708	76,149,784	118,869,134	13,298,509	11,891,213	14,681,061	313,908,409
Solid Waste Facilities	232,973,904	175,474,910	98,843,466	93,030,389	145,024,169	143,266,064	888,612,902
Wastewater Treatment Facilities	62,304,415	7,021,281	3,098,904	1,254,500	1,637,100	3,949,161	79,265,361
<b>General Government</b>							
<b>Transportation Program</b>							
Roads	54,803,157	67,844,843	43,832,000	43,230,000	56,833,000	63,582,000	330,125,000
King County Airport	13,120,301	9,525,500	15,596,000	12,021,500	9,016,500	7,982,500	67,262,301
Transit	542,179,901		59,654,554	55,581,112	156,917,588	143,057,703	957,390,858
<b>CIP Transfer Operating</b>	61,076,000						61,076,000
<b>TOTAL</b>	<b>1,157,352,673</b>	<b>363,981,114</b>	<b>364,518,198</b>	<b>245,375,503</b>	<b>408,095,544</b>	<b>402,043,847</b>	<b>2,941,366,879</b>

\*CIP Transfer to Operating is a transfer to the operating fund. The total CIP projects total to \$1,096,276,673

\*\*Transit 2008 Adopted amount includes both 2008 and 2009 to reflect biennium budgeting.