
Introduction to Capital

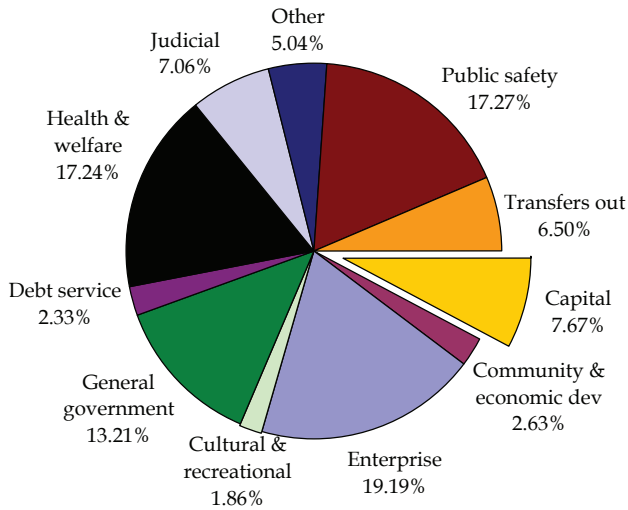
This section provides an overview of the Capital functional area, which includes expenditures related to Building Authority Construction, Bond Capital Improvement Capital Projects, and the Capital Improvement Program (CIP). The section provides program descriptions, discussion of any significant budget issues, and a three-year history of uses and budgeted personnel. The CIP description further provides a description of the annual CIP process, significant CIP policies and procedures, and a list of the approved CIP projects. Also included is a summary of each project and the impact on the operating budget where it exists. A schedule for future CIP project requests is also provided.

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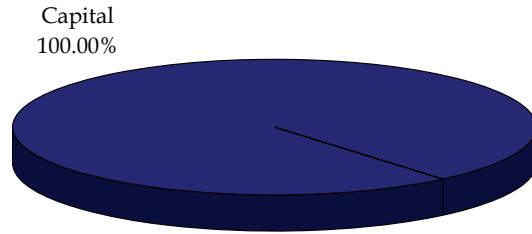
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Capital Functional Area at a Glance

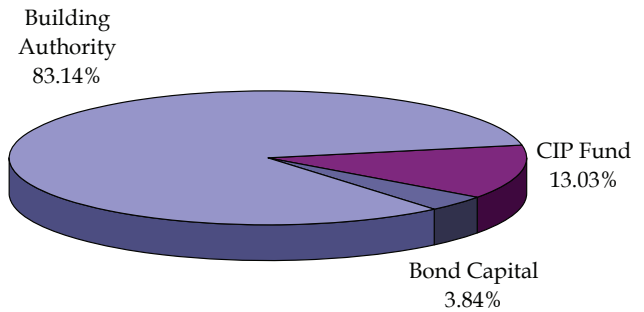
2009 County Uses by Functional Area
\$473,779,988*



2009 Functional Area Uses by Fund Type
\$36,319,384



2009 Functional Area Uses by Activity



* This chart is net of the \$5,000,000 estimated appropriation lapse that is allocated to functional areas subsidized by the General Fund (excludes the Enterprise Functional Area).

Functional Area History of Uses by Category

Category	2006	2007	2008	2009	2009	Adopted % Change
	Actual	Actual	Adopted	Requested	Adopted	
Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	NA
Commodities	-	-	-	-	-	NA
Contractual Services	-	-	-	-	-	NA
Capital Outlay	4,949,520	11,475,474	4,810,514	33,578,302	33,169,510	589.52%
Other Charges	-	27,625	-	-	-	NA
Transfers Out	175,194	6,530,799	450,876	3,149,874	3,149,874	598.61%
Total Uses	\$ 5,124,714	\$ 18,033,898	\$ 5,261,390	\$ 36,728,176	\$ 36,319,384	590.30%

Personnel FTE	0	0	0	0	0
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Functional Area History of Uses by Activity

Department	2006	2007	2008	2009	2009	Adopted % Change
	Actual	Actual	Adopted	Requested	Adopted	
Build Auth Construction Fund	\$ -	\$ 3,648,516	\$ -	\$ 30,195,384	\$ 30,195,384	NA
Bond Capital Imp Fund	-	1,220,179	-	1,393,000	1,393,000	NA
Capital Imp Program Fund	5,124,714	13,165,203	5,261,390	5,139,792	4,731,000	-10.08%
Total Uses	\$ 5,124,714	\$ 18,033,898	\$ 5,261,390	\$ 36,728,176	\$ 36,319,384	590.30%

Building Authority Construction

Overview

The Kent County Building Authority was created in March 1989 for the purposes of acquiring, constructing or improving County facilities as directed by the Board of Commissioners. Projects are assigned to the Building Authority by resolution on a project-by-project basis. Major projects started in 2001 and completed 2002 include the completion of the Courthouse and the Sheriff's Administration Building (accounted for in the 2001 budget). The Facilities Management Department provides the primary support for the specified building projects, and staff assistance to the Authority.

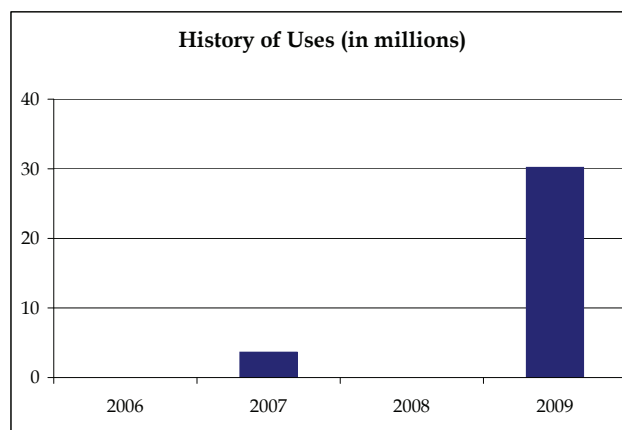


Kent County Courthouse

History of Uses

	2006 Actual	2007 Actual	2008 Adopted	2009 Adopted
Category				
Personnel	\$ -	\$ -	\$ -	\$ -
Commodities	-	-	-	-
Contractual Services	-	-	-	-
Capital Outlay	-	2,927,292	-	29,600,000
Other	-	27,625	-	-
Transfers Out	-	693,599	-	595,384
Total Uses	\$ -	\$3,648,516	\$ -	\$30,195,384
Personnel FTE	0	0	0	0

There is a Fund Statement for this activity on page C-36.



Significant Budget Issues

There is \$29.6 million included in the Building Authority budget for construction projects at the Correctional Facility. It is expected that these projects will replace 520 beds in the older (1950-1970) sections of the main facility and renovate/expand the kitchen/dinning (1963 construction) facilities at Juvenile Detention.

Bond Capital Improvement Capital Projects

Overview

The Bond Capital Improvement Capital Project Fund was created to account for construction projects funded by bonds which currently includes various building and land acquisitions within Kent County.

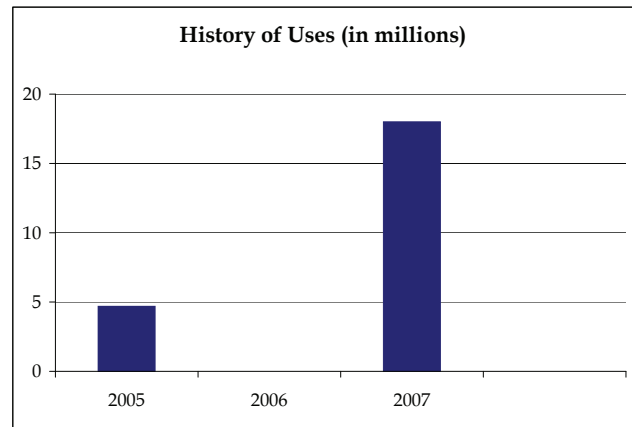


Kent County Millennium Park

History of Uses

	2006 Actual	2007 Actual	2008 Adopted	2009 Adopted
Category				
Personnel	\$ -	\$ -	\$ -	\$ -
Commodities	-	-	-	-
Contractual Services	-	-	-	-
Capital Outlay	-	1,220,179	-	1,393,000
Other	-	-	-	-
Transfers Out	-	-	-	-
Total Uses	\$ -	\$1,220,179	\$ -	\$ 1,393,000
Personnel FTE	0	0	0	0

There is a Fund Statement for this activity on page C-37.



Significant Budget Issues

The \$1,393,000 in additional funding is to install a geo-thermal mechanical system at the 63rd District Court facility.

Capital Improvement Program

Overview

The Capital Improvement Projects Fund is used for acquiring, constructing, extending, altering, repairing, or equipping public improvements or public buildings. The County's Capital Improvement Program (CIP) establishes a five-year schedule of planned capital improvements. A typical CIP project will replace or improve the County's buildings, land, facilities, heavy equipment, or related infrastructure. To be included in the CIP budget, a project must have an estimated cost of \$25,000 or more.

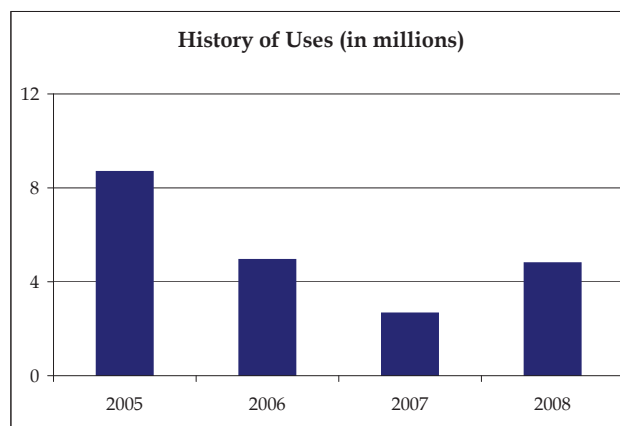
Proposed CIP projects are analyzed and discussed through a series of meetings among the Fiscal Services Department, a CIP Review Team, and the County Administrator/Controller. The County Administrator/Controller recommends a final list of projects to the Board of Commissioners for adoption. The original list of FY2009 projects submitted by operating departments totaled \$17.7 million of improvements to be financed from the general tax levy. As was the case in previous years, not every request was recommended for funding. At its meeting held August 21, the Finance & Physical Resources Committee voted to recommend that \$4.7 million be appropriated for CIP projects (as identified/itemized in the budget document), compared to \$5.3 million that was budgeted in 2008. The projects are selected for funding based on the following criteria: health and safety, funding, mandated vs. discretionary service, and impact on annual operating costs. The Board of Commissioners reviews, amends, and adopts the CIP as part of the annual budgeting process.

CIP projects for 2009 are listed on the following five pages. Included in the list is a summary of each project and the impact on the operating budget where it exists. Also provided on page E-10, is a list of potential 2010-2013 CIP projects.

History of Uses

	2006 Actual	2007 Actual	2008 Adopted	2009 Adopted
General Fund				
Personnel	\$ -	\$ -	\$ -	\$ -
Commodities	-	-	-	-
Contractual Services	-	-	-	-
Capital Outlay	-	-	-	-
Total Uses	\$ -	\$ -	\$ -	\$ -
Other Funds				
Capital	5,124,714	13,165,203	5,261,390	4,731,000
Total Department	\$5,124,714	\$13,165,203	\$5,261,390	\$ 4,731,000
Personnel FTE	0	0	0	0

There is a Fund Statement for this activity on page C-38.



Significant Budget Issues

The \$4.73 million in 2009 recommended projects includes funding for design of a Juvenile Detention Center remodel project. The project description includes renovation of the kitchen/dining and support areas of the Juvenile Detention Facility at a total estimated cost of \$2.6 million. It is recommended that the planning/design phase of this project commence in Fiscal Year 2009 with the anticipation that this \$170,000 cost will be financed, in FY2010, from bond proceeds upon completion of this phase of the project. Other major expenditures in the CIP include \$1.4 million for additional costs associated with the 63rd District Court; \$1.2 million for debt service on the 2008 Capital Improvement Bonds; and \$400,000 to the Zoo Society to fund construction of exhibits.

2009 Capital Improvement Program Summary

Project Name	Operating Tax Levy	Grant Funding	Internal Funds	Total
Capital Imp Bonds - Series 2008 Debt Service	\$ 1,161,490	\$ -	\$ -	\$ 1,161,490
63rd Additional Funding	1,393,000	-	-	1,393,000
City/County Work Plan	55,000	-	150,000	205,000
82 Ionia Skylight Replacement	120,000	-	-	120,000
Detention Remodel	170,000	-	-	170,000
Facilities Management Total	2,899,490	-	150,000	3,049,490
Replacement Autoclave	41,300	-	-	41,300
Health Total	41,300	-	-	41,300
SAN Infrastructure Expansion	150,000	-	100,000	250,000
Network Infrastructure Consolidation	268,093	-	-	268,093
Fiber Build to Multiple County Facilities	130,229	-	-	130,229
Information Technology Total	548,322	-	100,000	648,322
NDEX Connection	-	150,000	-	150,000
Jail Hot Water Boiler Replacement	48,000	-	-	48,000
Boiler Circulator Pump Replacement	30,000	-	-	30,000
Dishwashing Machine	91,079	-	-	91,079
Correctional Facility Development	-	-	-	-
Sheriff Total	169,079	150,000	-	319,079
New Exhibits - Zoo Society	400,000	-	-	400,000
Zoo Main Plaza Stairs Replacement	73,000	-	-	73,000
Retaining Wall	88,275	-	-	88,275
Asphalt Replacement for the Zoo	87,000	-	-	87,000
Zoo Total	648,275	-	-	648,275
Undesignated	24,534	-	-	24,534
CIP Projects Total	\$ 4,331,000	\$ 150,000	\$ 250,000	\$ 4,731,000

2009 Capital Improvement Program Summary

Project Name/Site	Description	Operating Budget Impact	Cost
Capital Imp Bonds - Series 2008			
Debt Service			
Fuller Complex/63rd District Court Estimated Start Date: NA Estimated Completion Date: NA	To pay debt service for Animal Shelter, Boiler Plant, Fuller Complex Improvements, 63rd District Court, and the Spectrum Facility.	Increase operating and maintenance costs required to operate larger	\$ 1,161,490
63rd District Court Addl Funding			
63rd District Court Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To install a geo-thermal mechanical system and acquire LEED Certification at the new 63rd District Court facility.	With a larger, owned facility, operating exp will be increased. It is est. that a \$6-\$8 per sq ft pr yr op exp will be required in the new facility. Efficiency and energy mgmt systems will be implemented to minimize expenses.	\$ 1,393,000
City/County Work Plan			
Administration Building Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	Calder Plaza and Monroe level repairs. Energy Conservation improvements.	None.	\$ 205,000
82 Ionia Skylight Replacement			
82 Ionia Estimated Start Date: May 2009 Estimated Completion Date: Sep 2009	To replace 28 yr old skylights that have been leaking for over 5 yrs due to broken exterior seals, cracked flashing and deteriorated Plexiglas. These leaks require increased maintenance, create facility structural deterioration and unsightly water and rust stains.	Reduction in utility and maintenance costs. This project will stop air leakage; take advantage of better insulation values; and eliminate required maintenance.	\$ 120,000
Detention Remodel			
Juvenile Detention Estimated Start Date: May 2009 Estimated Completion Date: Sep 2009	To remodel the kitchen/ dining and support areas of the Juvenile Detention Facility that was part of the original 1963 construction. The current set up contributes to a volatile atmosphere for youth and staff.	Increased utility costs as a result of the additional square footage created by the remodel. This project will greatly increase safety at the facility	\$ 170,000
Replacement Autoclave			
Health Department Estimated Start Date: Jan 2009 Estimated Completion Date: May 2009	To replace the, 18 year old, autoclave unit. The new unit will be larger than the other two existing units and will be used to sterilize medical waste and infectious material.	Reduced maintenance cost on equipment that has exceeded its useful life. Replacement parts are difficult to locate.	\$ 41,300
SAN Infrastructure Expansion			
320 Ottawa Data Center Estimated Start Date: Feb 2009 Estimated Completion Date: Oct 2009	To expand SAN infrastructure to create additional space and enhance IT's ability to manage data storage. Due to the continual growth of data storage throughout the County, this additional space is necessary to support most County applications.	Reduction in utility costs as the new equipment is significantly less energy intensive than the system it replaces.	\$ 250,000

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2009 Capital Improvement Program Summary

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Project Name/Site	Description	Operating Budget Impact	Cost
Network Infrastructure			
320 Ottawa; 1501 Cedar; 701 Ball Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To provide redundancy for the current networks; improve security of computing environment; consolidate network equipment; and to ensure that the network will be capable of supporting the bandwidth needs of the future.	None.	\$ 268,093
Fiber Build to Multiple County Facilities			
Kent County Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To replace slower and sometimes faulty network connections to facilities within the County. The existing connection in the South Substation fails on average 4 to 5 times a year. Will allow the County to be less dependant on AT&T & other carriers.	None.	\$ 130,229
NDEX Connection			
Sheriff's Department Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To provide for a real time interface between the Kent County Sheriff Department Records Management System and a National FBI database called NDEX. This system will provide for a single point of entry & retrieval of information.	Increase in software maintenance cost.	\$ 150,000
Jail Hot Water Boiler Replacement			
Correctional Facility Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To replace existing boilers that are failing.	None.	\$ 48,000
Boiler Circulator Pump Replacement			
Correctional Facility Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To replace boiler circulator pumps and control valves that are over 20 years old.	Reduced maintenance costs. This equipment is becoming more costly and difficult to repair and maintain.	\$ 30,000
Dishwashing Machine			
Correctional Facility Estimated Start Date: Jan 2009 Estimated Completion Date: Dec 2009	To replace two high maintenance dish machines with one dish machine. 45% lower detergent cost will result with one machine that can do the work of two older machines. Will meet the need of the projected prisoner population increase.	Reduced utility and maintenance costs. This replacement of two old dish machines, that require high maintenance costs to operate, with	\$ 91,079
Zoo Exhibits			
John Ball Zoo Estimated Start Date: TBD Estimated Completion Date: TBD	To develop future exhibits.	Increase in operating and maintenance costs.	\$ 400,000
Main Plaza Stairs Replacement			
John Ball Zoo Estimated Start Date: Mar 2009 Estimated Completion Date: May 2009	To replace stairs that are crumbling creating increased risk to visitors and liability to the County for trips and falls. This staircase is a main path for visitors to reach the upper sections of the zoo.	Reduction in cost to maintain stairs. Also reduction in liability claims from trips and falls.	\$ 73,000

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2009 Capital Improvement Program Summary

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Project Name/Site	Description	Operating Budget Impact	Cost
Retaining Wall John Ball Zoo Estimated Start Date: Mar 2009 Estimated Completion Date: May 2009	To replace the deteriorating retaining wall, at the Zoo, that holds back a major ridgeline containing large specimen trees. This is a high traffic area, this project will eliminate a potential safety hazard should the existing wall collapse.	Reduction in maintenance costs.	\$ 88,275
Asphalt Replacement John Ball Zoo Estimated Start Date: Apr 2009 Estimated Completion Date: Apr 2011	To replace several layers of asphalt, to fill low spots which collect water. Many areas are difficult to maintain due to settling, etc.	Reduction in annual operating costs to re-surface small areas.	\$ 87,000
Undesignated			\$ 24,534
Total Cost			\$ 4,731,000

2010 - 2013 Capital Improvement Program Projects

Project Name	2010	2011	2012	2013
82 Ionia Areaway Infill	\$ -	\$ -	\$ -	\$ 300,000
82 Ionia Common Area Improvement	95,000	-	-	-
82 Ionia Floor Covering	400,000	-	-	-
82 Ionia Masonry Repair	50,000	-	-	-
82 Ionia Parking Ramp Replacement	-	-	7,800,000	-
82 Ionia Roof Replacement	-	80,000	-	-
82 Ionia Stairway Railing Code Compliance	40,000	-	-	-
Asphalt Repairs	50,000	-	50,000	-
Capital Imp Bonds - Series 2008 Debt Svc	1,178,800	1,170,081	1,160,800	1,155,019
City/County Work Plan	260,000	520,000	631,000	854,000
Courthouse Energy Management Upgrade	-	-	50,000	-
Courthouse Floor Covering Replacement	-	-	200,000	-
Courthouse Snowmelt Addition	100,000	-	-	-
Courthouse X-ray Equipment	-	150,000	-	-
Detention Remodel	-	9,570,000	-	-
East Complex	-	-	3,000,000	-
Facilities Energy Management Integration	160,000	50,000	-	-
North Complex	3,000,000	-	-	-
Remove/Replace Asbestos Floor Tiles	35,000	-	-	-
Roofing Replacement	50,000	50,000	-	50,000
South Complex	-	3,000,000	-	-
Facilities Management	5,418,800	14,590,081	12,891,800	2,359,019
Replacement Autoclave	-	41,300	-	-
Health	-	41,300	-	-
IP Telephony for Drain, Parks and Zoo	30,268	-	-	-
Network Infrastructure Consolidation	243,593	243,593	168,593	-
Planned Server Replacement	120,000	120,000	-	-
Strategic PC Replacement	300,000	300,000	300,000	300,000
Information Technology	693,861	663,593	468,593	300,000
Paris Park - Trailhead	-	-	305,769	-
Parks Acquisition and Development Fund	500,000	-	-	-
Paving Overlay - Palmer Park Phase 1 (N Region)	333,113	-	-	-
Paving Overlay - Palmer Park Phase II (S Region)	-	296,390	-	-
Regional Park In Lowell - Development	-	-	-	1,100,000
Thornapple Riverbend Park Development	-	-	-	2,200,000
Townsend Park - North Development	-	-	-	382,000
Parks	833,113	296,390	305,769	3,682,000
AS/400 Upgrade	-	-	120,000	-
Carpet Replacement	-	50,000	50,000	-
Combi Oven	51,660	-	-	-
Convert Housing Unit D2A to Maximum Security	1,350,000	-	-	-
Dispatch Center Expansion	130,000	-	-	-
Elevator Controls Replacement	-	-	290,000	-
Fixed Site Radio Receiver Replacement	130,000	-	-	-

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Project Name	2010	2011	2012	2013
H Building Temperature Control Replacement	-	160,000	-	-
Jail Roof Replacement	196,000	-	-	-
Jail Wireless Technology Project	-	32,500	-	-
Lighting and Ballast Replacement	348,000	-	-	-
Microwave Infrastructure Replacement	-	-	-	250,000
Mobile Police Reporting	-	-	175,000	-
Mobile Radio Replacement	-	125,000	-	-
Replace Fingerprint Machines	-	-	-	200,000
Sheriff	2,205,660	367,500	635,000	450,000
Asphalt Replacement for the Zoo	62,500	48,500	-	-
Front Entry/Grizzly Bear Exhibit	6,125,000	-	-	-
Parking and Traffic Reconfiguration	5,925,000	-	-	-
Zoo	12,112,500	48,500	-	-
Total	\$ 21,263,934	\$ 16,007,364	\$ 14,301,162	\$ 6,791,019

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