

Capital Improvements Budget

The City's Capital Improvements Program (CIP) approval process runs concurrently with the development of the annual City operating budget. The CIP is updated annually and presented to the City Council each summer along with the proposed operating budget. The City Council approved five-year Capital Improvements Plan, which includes a two-year Capital Improvements Budget for 2005-2006. The adoption of a two-year budget is a recent change for the City. This is the fifth year the City Council approved a two-year capital budget, rather than a one-year budget. This change was made to give departments a two-year picture for capital project planning. It is noted that appropriations can only be made on an annual basis. The following pages represent a summary of those projects scheduled to commence during the 2005 and 2006 budget years along with tables showing the approved five-year Capital Improvements Plan. The Council's action in approving the Capital Budget authorizes staff to begin preliminary work on these projects. Departments then bring individual project budgets to the City Council for consideration throughout the year. It is at this point that expenditures for the project are truly authorized, through passage of ordinance or resolution, and construction work can begin.

Impact of Capital Improvement Projects on Operating Budget

The projects approved for 2005 and 2006 are a mixture of new construction or expansion and projects that involve maintenance or rehabilitation and repair of existing facilities. The majority falls into the rehabilitation and repair category. In those cases, the impact on the operating budget comes from a reduction in the demand for maintenance; however, these savings are not easily quantified. The following paragraphs provide a brief discussion of the adopted projects for 2005 and 2006 and their operating impacts by funding categories.

Enterprise Funded Projects. These are public works projects for water pollution control (WPC), stormwater, and water utilities, and parking operations. They are financed from these enterprise operations.

Water Pollution Control and Stormwater Utilities Funds

Inflow/Infiltration Correction Program. This is an ongoing project for 2005 and 2006 that will identify problem areas with inflow and infiltration into the wastewater collection system and correct deficiencies with both in-house and contract operations. A decrease in annual operations and maintenance expenditures are anticipated due to a reduction in flow to the wastewater treatment plants. The project is financed with \$700,000 from the Water Pollution Control (WPC) Fund in both years.

Sewer Service Extension. This is another ongoing project. The project will facilitate the growth of Topeka in an environmentally conscious manner by limiting or replacing septic systems. Since it will expand the system, there will be maintenance costs in future years. The project will also generate additional revenue from new customers. The amount approved for 2005 is \$1.5 million, with \$1.0 million for 2006.

South Kansas Pump Station. This project will upgrade this pump station which now overflows during storms. Aged pumps will be replaced with new pumps and controls. A total of \$2,575,000 is estimated over the two years. The project should not impact the operating budget.

Rehabilitate and/or Replace Adams Interceptor. This is a rehabilitation and repair project costing \$6,275,000 in 2006. The sanitary sewer interceptor consists of various sizes of vitrified clay pipe and arch brick conduits that are in very poor condition. Completion of this project will result in a decrease in annual maintenance expenditures because of a reduction in cleaning of these lines.

Curtis Interceptor Sewer Rehabilitation. A total of \$1,805,000 in 2006 will be expended to rehabilitate the Curtis Interceptor Sewer. This is a 107 year old system with off set joints and excessive inflow and infiltration problems. Completion of the project will result in reduced maintenance and cleaning costs. The majority of the project will be financed with revenue bonds.

Retrofit/New Storm Sewer Systems. This will be an ongoing maintenance project beginning in 2005 to relieve flooding problems and improve capacity for underground stormwater flow. It will also prevent future inlet and storm sewer failures and reduce street and alley flooding. Operating costs for maintenance should be reduced. 2005 expenditures are budgeted at \$0.3 million and \$2.1 million is scheduled for 2006.

Wanamaker Tributary Reconstruction. This project will stabilize the stream bank and associated flood plain by construction of a series of riffle structures along Wanamaker Creek. Severe stream bank erosion could adversely impact the new Wanamaker Sanitary Pump Station. Total cost is \$500,000 for 2005 with no anticipated impact on the operating budget.

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Kansas Avenue Bridge Flyoff. The multi-funded project will place a bridge and ramp alongside the north side of the levee on the Kansas River, from Kansas Avenue to Curtis Street. This \$300,000 for 2005 represents the portion of the project tied to the Stormwater Fund operations. There should be no impact to the operating budget.

Downtown VanBuren System. A total of \$3,650,000 will be financed by revenue bonds to reconstruct the drainage system along VanBuren Street from 7th to 2nd streets. The project will resolve flooding problems after moderate to heavy rains. The project will use natural stormwater control, to include various native plants and vegetation and swales.

Water Utility Fund

Routine Mains, Valves, etc. This is an annual program providing \$300,000 per year for the installation of mains, valves, and fire hydrants in newly developed areas. All or a major portion of the cost is paid by developers. There will be future maintenance costs as the new systems age. It is financed from the Water Utility Fund.

Main Replacement Program. This ongoing maintenance program provides \$1.2 million from the Water Utility Fund in 2005 and 2006 to replace deteriorating pipe and obsolete equipment. This program saves the Water Division money on repair and maintenance and reduces inconvenience to customers.

Topeka Boulevard Bridge over Kansas River. The project will provide \$1,034,600 in 2005 to improve water supply and reliability to the North Topeka and downtown areas. The project will include the installation of two new 20 inch mains on the Topeka Boulevard Bridge. Maintenance costs will increase incrementally over time.

Oakley—6th to 21st and on 21st from Oakley to Randolph. The project will install new 42 inch and 24 inch transmission water mains in 2005 to improve supply and reliability to Burnett's Mound and the entire water system. Future maintenance costs will increase as the system ages. Project cost is \$6,042,500 from the Water Utility Fund in 2005.

Urish Road—10th to 17th. In 2005, \$475,000 will be expended to provide an additional 12 inch main along Urish Road to reinforce transmission capacity and improve fire protection and domestic service. Maintenance costs will increase incrementally over time.

Water Treatment Plant Rehabilitation. The project provides \$1.0 million from the Water Utility Fund to rehabilitate facilities for the processing of water at the Water Treatment Plant in 2005. The rehabilitation will allow for operational efficiencies by replacing older systems that require extensive ongoing maintenance.

34th & California to 29th and Golden. This 2005 project will install a new 12 inch main in this area. Transmission capacity will be improved for domestic service and fire protection. Total cost of the project is \$200,000. Maintenance costs are expected to increase as the system ages.

29th Street—Golden to Granger. In 2005, this project will provide \$200,000 to install a new 12 inch main to reinforce the transmission capacity along 29th Street from Golden to Granger Street. It will allow better utilization of the elevated towers at 29th and California and at 29th and Croco Road. Maintenance costs will increase incrementally over time.

Highway 24 near old Meriden Road. The installation of a new 12 inch main will improve the supply, reliability, and fire hydrant pressure flow in the area and increase the redundancy to the Meriden Booster Station. This is the only booster station supplying the north area. Project cost is estimated at \$100,000 in 2005. Maintenance costs are expected to increase as the system ages.

Huntoon-Urish Road to Executive Drive. In 2005, this \$325,000 project will provide an additional 12 inch water main in this area, increase redundancy, improve operations, and reinforce the transmission capacity for service and fire protection. Maintenance costs are expected to increase as the system ages.

21st from Oakley to Gage, South to Shunga. This project is part of an overall plan to assure the capability of the transmission and distribution system to meet existing and future demands for the entire City. The 42 inch main will improve the reliability of the supply to Burnett's Mound and booster stations. The project is scheduled for 2006 at a cost of \$3,475,200, financed by revenue bonds. Maintenance costs will increase incrementally over time.

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12th Street from Western to Monroe. Revenue bonds in 2006 will provide \$1,543,000 to install new 18 inch and 24 inch mains to improve supply and reliability to the 5th and Norwood streets Booster Station. It will also supply a future elevated tank which will service a south zone. This is a rehabilitation and repair project with no immediate impact on the operating budget. As the system ages, maintenance costs will increase.

12th Street from Monroe to California. This \$1,887,200 project is a companion to the previous project. The project will install a new 24 inch main in 2006.

California-12th to 6th to Market. This project also is being done to improve supply and reliability to the 5th and Norwood Booster Station in 2006. Its cost is \$1,002,600, financed by revenue bonds.

Skyline Drive-37th & Fairlawn to 41st & Wanamaker. This project will install a new 18 inch main to improve supply and reliability to the west area of the City in 2006. Cost of \$933,790 is financed by revenue bonds. Maintenance costs will increase incrementally over time.

45th Street-Topeka to California. The project provides \$1,028,200 to install a new 12 inch water main along 45th Street in 2006. This project is part of an overall plan to assure the capability of the transmission and distribution system to meet existing and future demand. The additional mains and equipment will require maintenance as they age.

Crane—Topeka Bridge East to Jefferson Street. This 2006 project will run east from Topeka Boulevard on Crane Street to Jefferson Street and then south. It will cost \$1,907,900 and install a new 24 inch main to improve supply and reliability to the North Topeka and downtown areas. Maintenance costs will increase as the system ages.

General Improvement Fund Projects. The General Improvement Fund is a property tax supported fund that is used to finance projects up front, rather than issue bonds.

Affordable Housing Projects. The Affordable Housing Projects represents the City's portion of Affordable Housing Program. The monies match federal Home Investment Partnerships Program funds through the Housing and Neighborhood Development Department. There is no impact on the operating budget. In 2005 and 2006, \$200,000 is provided.

Thermal Imaging Camera. The project will purchase a replacement camera for use on the Police Department helicopters. The current unit is nearly 15 years old and approaching the end of its operational life. A total of \$195,000 is approved for 2006.

Rehabilitation and Repair. \$876,000 is earmarked from the General Improvement Fund in 2006 to provide an account from which various smaller rehabilitation and repair projects can be financed. The concept is to pay for smaller projects up front rather than with debt financing to avoid the additional interest payments. The rehabilitation and repair project account is subject to appropriation for 2006. The City Council did not approve this account for 2005, after approving \$850,000 in the 2004-2005 Capital Improvement Budget.

Wayfinding Signs. A total of \$200,000 from the General Improvement Fund is provided in 2005 to complete the implementation of a Wayfinding Sign System. These are signs that help direct visitors to local areas of interest. In 2004, \$75,000 was provided for the design and initial implementation.

Other Revenue Source Projects. This category covers projects that are financed from various sources other than Enterprise Funds, General Improvement Fund or General Obligation debt.

Streetscape Improvements. The project funds streetscape improvement within the Downtown area, including Historic North Topeka business district. Financed entirely through the creation of Business Improvement Districts tied to the improved areas, \$750,000 is estimated for 2006 through 2010.

Topeka Boulevard Bridge. The total estimated cost to replace the Topeka Boulevard Bridge is \$41,083,600, currently financed by \$23,471,200 from a county-wide sales tax and \$17,612,400 from federal transportation grants. The project is scheduled to begin in 2006, but will take two to three years to complete. The exact financing strategy had not been determined at the time the capital budget was adopted, but the sources have been identified with the passage of a half-cent county-wide sales tax during the August 2004 primary election. It is hoped that additional federal funds will be made available to reduce the City's portion, which may be initially financed through general obligation debt.

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Wanamaker Road-37th to 41st. The total cost of this project is \$3,371,200 financed by \$1,075,000 from City Federal Highway Administration (FHWA) grants, \$840,000 from Shawnee County FHWA monies, and \$1,456,200 from the county-wide half-cent sales tax in 2006. The project will improve SW Wanamaker Road from SW 37th Street to 41st Street, including reconstruction of the 37th and Wanamaker intersection. This project will provide a net reduction in operating cost from the existing deteriorated pavement.

Kansas Carnivores. In 2005, \$250,000 is scheduled to be provided by donation from the Friends of the Topeka Zoo (FOTZ) to provide new exhibits for the Topeka Zoo. The new exhibits would include one for the Mountain Lion and one for the Kansas River Otter. The Zoo has estimated an increase of \$1,000 annually in operating costs.

General Obligation Bonded Projects. These projects are financed with general obligation bonds issued by the City of Topeka. Some of the projects receive funding from other sources as well, but the GO bonds are the primary source. Principal and interest debt service payments are budgeted and paid from the Bond and Interest Fund. Generally, these projects involve the improvement or replacement of existing equipment or infrastructure.

Fire Department

Fleet Replacement Vehicles. The project provides \$317,200 in 2005 and \$819,000 in 2006 to purchase replacement vehicles. In this case, a pumper truck in 2005 and an aerial truck in 2006. The purchase of new trucks on a systematic basis provides for lower vehicle maintenance costs. New trucks are safer, more efficient and incorporate the latest fire fighting technology.

Refurbish Training Tower. \$260,000 is approved for 2006 to upgrade and modernize the training tower, which was constructed in 1962. The project will provide a computer controlled natural gas fire system, including an emergency shut down system. It will also provide insulation and doors for internal areas.

Refurbish Station #7. Fire Station #7 is scheduled to receive a total roof replacement in 2006 at a cost of \$260,000. The Fire Department should realize savings for utilities and ongoing maintenance.

Parks and Recreation

Trail Development. For 2005 and 2006 each, \$100,000 is provided for the development of trails in and around Topeka. Planned development for 2005 includes a jogging trail from Ripley Park along the Shunga Creek with the goal of linking to the Shunga Trail, the main trail cutting through Topeka. Maintenance costs for the extension are estimated at \$500 per year.

Playground Equipment. To replace old play structures at various locations around the City, \$75,000 is approved for 2006. The projects would include providing ADA access. It is estimated the project will increase maintenance costs by \$500 annually.

Complete Fence Around Golf Course. A total of \$115,000 was approved for 2005 to complete the fence around the City golf course. Completion of the fence should reduce vandalism and maintenance costs.

Oakland Center Roof Replacement. Estimated at \$308,000 for 2005, the project will replace the entire roofing system at the Oakland Community Center. Besides protecting the interior, the project will result in lower utility costs and zero repair costs during the warranty period.

Resurface Parks and Community Centers Parking Lots. A 2005 and 2006 project that provides \$300,000 in each year to resurface parking lots at city parks and community centers. The new parking lots should reduce ongoing maintenance costs.

Hillcrest and Oakland Community Centers HVAC. A total of \$787,800 is approved for 2005 to replace the current electrical heating systems with natural gas and replace the air conditioning systems. Both facilities have their original HVAC systems. The Parks and Recreation Department should experience a reduction in heating and cooling utility costs.

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Rueger Park ADA Renovations. A total of \$75,000 is approved to add concrete walkways to the south and east sides of Rueger Park Softball Complex and to add concrete bleacher pads to all four softball diamonds in 2005. Minimal impact of \$500 per year on the operational budget is expected.

Crestview Community Center Addition. This project, which will add multi-functional classrooms, will cost an estimated \$478,000. The project is approved for 2005. Parks and Recreation estimates that additional operating costs of \$5,200 per year will be more than offset by new revenue of \$11,250 resulting from expanded programming.

Special Services Creative Play Renovation. The project will upgrade and renovate the area used for the Civitan Day Camp and Creative Play programs. Improvements will meet ADA standards, which is crucial for programs serving special needs populations. Total cost is \$165,000 for 2006, and maintenance costs should be reduced.

Water Spray Park-Jackson Park. The project will construct a spray park at the Samuel Jackson Park in 2006. Total cost is estimated at \$550,000. Operating costs are estimated at \$10,000 annually for utilities and maintenance.

Central Park Center-Lower Roof Replacement. At a cost of \$212,200 in 2006, the lower level roof on the Central Park Community Center will be replaced. The current roof leaks causing program cancellation and interior damage. Maintenance costs will be reduced due to elimination of water leaks.

Gage Rose Garden Pond and Pillars. The project will repair the pillars at the Rose Garden, renovate the patio, and repair drainage problems at the pond. This 2006 project will cost \$255,000, but will provide needed repairs to a popular gathering spot.

Ball Field Fence Renovations. A total of \$160,000 is approved to repair fences at various baseball and softball fields in 2006. Maintenance costs should be reduced with the installation of new fencing.

Crestview Park Shelter ADA Renovation. This shelter house opened in 1962 and does not comply with ADA requirements. The project would bring the facility into compliance and make other needed repairs, such as replacing the roof, doors and windows. The project is approved for 2006 at a cost of \$175,000.

Central Park Center ADA Renovation. This project was approved for 2006 to renovate and remodel the Community Center to meet ADA requirements and create more usable programming space. The cost of the project is \$861,000. Annual maintenance expenses will increase by \$1,000 based on the added space.

Garfield Center HVAC. This community center is now being cooled by four window units, an inefficient method. The project will install a new cooling system, resulting in energy savings. Cost of the project for 2006 is \$105,300.

Ward-Meade Botanical Garden ADA Improvements. This 2006 project, costing \$212,000, will provide ADA accessible walks, irrigation, fencing and lights throughout the garden. The facility is not ADA compliant. The irrigation system will save over \$3,000 annually by reducing water usage and staff overtime.

ADA Upgrades in Various Parks. This \$160,000 2006 project will implement ADA improvements in numerous city parks and facilities to enhance accessibility by all citizens. There is no impact to the operating budget.

Abbot Center Addition. A total of \$405,000 is approved in 2006 to expand the Abbott Community Center by 2,000 square feet to better serve the public and create a new senior citizen center. The project would increase annual maintenance and utility costs by \$2,500 annually.

City Wide Projects

Washburn Lane-Parkway. This project continues the Washburn-Lane Parkway improvements that were initiated in 2000. The project involves installation of pedestrian lighting, along with landscaping and benches to upgrade the appearance of the parkway. \$100,000 is provided for 2005.

City Hall/Facilities Major Maintenance. The project would address various maintenance needs in City Hall and other facilities. The primary projects are slated as HVAC related. A total of \$132,600 is provided for 2005. Facility maintenance dollars that had been required for HVAC upkeep will be shifted to other areas of need.

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Heartland Park Improvements. \$5.0 million spread equally between 2005 and 2006 is approved to effect major repairs to the racetrack and support areas at Heartland Park. The project is financed with general obligation bonds and any other available funding.

Public Works

STP Safety Projects. The Kansas Department of Transportation (KDOT) evaluates and selects high accident locations for state and federal funding. Possible improvements could include installation of a traffic signal, a roundabout intersection, or construction of additional turn lanes. A total of \$386,000 is approved for 2005, with \$71,000 from GO Bonds and \$315,000 from KDOT. For 2006, there is \$73,000 from GO bonds and \$315,000 from federal sources for a total of \$388,000. The project will provide a net reduction in operating costs.

Signals Replacement. This project provides \$450,000 in 2005 and \$580,000 in 2006 to upgrade sub-standard traffic signal systems and install traffic signal systems at locations that are not served by traffic signals. Completion of these projects provides new state of the art systems that reduce maintenance costs and provide a safer and more efficient environment.

Traffic Controller Upgrade. The project replaces outdated computerized traffic signal controllers. For 2005 and 2006, \$102,400 is approved. The project reduces maintenance expenditures annually from the Transportation Operations budget.

Neighborhood Infrastructure. The amounts of \$1,000,000 for 2005 and \$1.4 million for 2006 are approved for infrastructure improvements in various city neighborhoods. The monies will be used to rebuild streets, curbs, gutters, and sidewalks in targeted "intensive care" areas of the city.

ADA Street Curb Repair. A total of \$300,000 is authorized in 2005 and \$500,000 in 2006 to construct accessible curb cuts and sidewalk ramps at selected intersections. These improvements will be made in accordance with the Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities.

8th Street Parkway. Over the two year period 2004-2005, \$1,880,000 was provided for this project. The 2005 amount of \$1,000,000 is financed by \$750,000 from GO bonds and \$250,000 from excess quarter-cent sales tax from 2002. The project will provide enhancements to the 8th Street corridor from I-70 to Topeka Boulevard, including replacement of the existing sidewalks with brick-stamped concrete, new curbs and gutters, pedestrian lighting and a landscaped median.

West 29th over S. Branch Shunga. In 2005, \$205,600 from GO bonds and \$822,400 from federal funds will be expended to replace the deteriorated bridge over the Shunga Creek. The current bridge is 65 years old and a new bridge will reduce bridge maintenance costs.

California: I-70 to 21st Street. This project will replace badly deteriorated pavement from the interstate to SE 21st Street. Splinter islands will also be removed. A total of \$1,753,200 is provided for 2005. The improvements will reduce street maintenance costs for several years.

MacVicar-Kanza Dr. to 6th Street. This is a companion project to the 2004 project MacVicar-KANZA Entrance to I-70. In 2006, the improvements will be extended to 6th Street, reconstructing a badly deteriorated section of SW MacVicar. The total of \$1,835,330 is financed by \$760,330 from G.O. bonds and \$1,075,000 from federal funding. Initially, maintenance costs for this section of road will decrease.

Bridge, W. 10th Street west of Wanamaker. The project provides for the removal and replacement of the bridge that spans a tributary to the Kansas River. The original bridge is 75 years old. The project is financed by \$106,428 from G.O. bonds and \$251,572 from federal sources. Bridge maintenance costs will be reduced and shifted to other city bridges.

California-SE 21st Street to SE 29th Street. For 2006, \$340,000 is provided to remove badly deteriorated asphalt medians in this section of street. The project will require the expenditure of approximately \$8,000 from operating funds for pavement markings and other maintenance.

SW 17th St.-Arvonnia to Urish Road. This 2006 project will be financed by \$367,900 from G.O. bonds and \$1,471,970 from assessments to property owners, a 20/80 split. The project will extend 17th Street from its current dead end west of Arvonnia to

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SW Urish Road. Growth and increased traffic along the Wanamaker Corridor require an alternative route west of Wanamaker Road. Annual operating costs are estimated at \$4,500.

E. 6th-Golden to Market. A total of \$1,588,950, including \$291,860 in 2005 and \$1,297,090 in 2006 will modify the geometrics of the E. 6th and E. 10th Street merger located just west of the intersection of E. 6th and Golden. East 6th Street will be improved and E. 10th Street will be realigned to intersect with E 6th at Market Street. Annual operating costs are estimated at \$4,500.

Lower Silver Lake Road over UP Railroad. The total cost of this project is \$5,195,240 over three years, 2005 to 2007. GO bonds will provide \$420,000 in 2005 and \$580,240 in 2007. The remaining \$4,195,000 will come from the Kansas Department of Transportation Local Partnership Grade Separation Program. The project will construct a grade separation (overpass) on Lower Silver Lake Road over the Union Pacific railroad located east of NW Saline Street. Construction will enhance safety and eliminate delays for emergency vehicles. Maintenance costs will be reduced initially for this section of road.

Zoo

Animal and Man-Phase II. At a cost of \$1.8 million in 2005, this project will provide needed space for the holding and exhibition of elephants. The new addition is needed for the zoo to be in full compliance with United States Department of Agriculture and American Zoo and Aquarium Association (AZA) elephant management guidelines, effective 2005. Utility costs are expected to increase by \$1,000 annually.

Discovering Apes Building-HVAC and Roof. This \$140,000 2005 project will replace the HVAC system and roof at the Discovering Apes Building. The care and comfort of the zoo animals depends on the replacement of the heating/cooling systems and the roof replacement will extend the life of the building. The Zoo expects to see utility cost savings from this project.

Animal Health Center Expansion. For 2006, a total of \$287,500 is approved for the expansion of the animal health care facility. The facility will be increased by 50 percent. The project will be financed with \$212,500 from G.O. bonds and \$75,000 from the FOTZ organization. Utility costs are expected to increase marginally.