

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 approves a five-year Capital Improvements Plan, which includes a two-year Capital Improvements Budget for 2006-2007. This gives 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 2006 and 2007 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. 2006 represents the first year of a different strategy for determining general obligation (G.O.) bond projects. G.O bonds are the primary method of financing for most projects outside of the enterprise operations. The City Manager recommended that a citywide set a target of \$10,275,000 for G.O. bond projects each year. Each Department or type of projects would be given part of that \$10,275,000. Once the first few years of previously approved projects are worked through the City should have a fairly stable amount of projects per year, which should stabilize the level of G.O bonds issued and paid off each year. Departments can work within their allotments rather than competing for limited dollars. Once approved, to add a project will require a rethinking of priorities as an existing project will have to be reduced or eliminated.

Impact of Capital Improvement Projects on Operating Budget

The projects approved for 2006 and 2007 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 as the remaining infrastructure is another year older and in need of increased maintenance. The following paragraphs provide a brief discussion of the adopted projects for 2006 and 2007 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

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 2006 is \$1.0 million, with \$1.0 million for 2007.

Inflow/Infiltration Correction Program. This is an ongoing project for 2006 and 2007 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.

South Kansas Pump Station Area Study. In 2006, \$1,000,000 is scheduled to commission a study to find the most effective and economical way to enhance our sanitary system flow across the Kansas River to the North Topeka Sewer Plant. This study will allow the City to get a better evaluation of the system as a whole.

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 \$3,500,000 is scheduled for 2007. The project should not impact the operating budget.

Rehabilitate and/or Replace Adams Interceptor. This is a rehabilitation and repair project costing \$1,500,000 in 2006 and \$4,500,000 in 2007. 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.

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Curtis Interceptor Sewer Rehabilitation. A total of \$1,500,000 in 2006 will be expended to rehabilitate the Curtis Interceptor Sewer. This is a 108-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.

Soldier Creek Interceptor Sewer Rehabilitation. A total of \$100,000 in 2006 and \$900,000 in 2007 will be expended to rehabilitate the Soldier Creek Interceptor Sewer. This project will preserve and update the existing infrastructure and reduce annual maintenance costs.

Grant/Jefferson Pump Station Rehabilitation. This project will upgrade the pump station and reduce the chance of failure of the station and back up problems into private lines and basements. The project is financed for \$200,000 in 2006 and \$1,800,000 in 2007. The majority of the project will be financed with revenue bonds.

Retrofit/New Storm Sewer Systems. This is an ongoing maintenance project that began in 2005 to relieve flooding problems and improve capacity for underground stormwater flow. It will prevent future inlet and storm sewer failures and reduce street and alley flooding. Operating costs for maintenance should be reduced. 2006 expenditures are budgeted at \$2.0 million and \$2.0 million in 2007.

Source Water Protection "Wanamaker Wetlands". 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 \$300,000 for 2006 with no anticipated impact on the operating budget.

Oakland Wastewater Treatment Plant Rehabilitation Phase III. This project will provide \$1,032,110 in 2007 to replace the solid handling units at the plant. It was determined during an assessment that the units were in poor condition and needed to be replaced. This project will reduce the annual maintenance and utility costs.

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 2006 and 2007 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 \$1,628,600 in 2006 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.

Fairlawn Booster Station-New West Pump. In 2006, this project will provide \$1,258,000 to install a new pumping unit and equipment to provide a higher firm capacity for supply to the South West area.

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.

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.

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 demands. The additional mains and equipment will require maintenance as they age.

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Indian Hills Road – 33rd to 41st & East to Sherwood Tower. This 2006 project will install a new 18 inch main in this area. The cost of \$1,132,200 will be financed by revenue bonds.

Hiway 75 from Westgate Bridge to Lower Silver Lake Rd and East to Furman, then North on Furman to Hiway 24. This project is an overall plan to assure the capability of the transmission and distribution system that will improve the reliability to the specified areas and allow for future development. The installation of new 24 inch and 36 inch transmission mains are scheduled in 2006 for \$2,235,700.

Warehouse—Water Treatment Plant. The project provides \$1.0 million from the Water Utility Fund to construct a new warehouse facility at the Water Plant in 2006. This project will consolidate the Water Division's operations and infrastructure maintenance activities at one location.

17th & Belle Pressure Improvement. This project will make improvements and modifications to the water pressure in the general area of 17th street to 21st street between I-470 and Belle. In 2006, \$120,000 will be financed by revenue bonds.

West Elevated Tank on Indian Hills South of 29th. In 2007, this project is scheduled for \$4,538,500 to construct a new three million gallon elevated tank for water storage. This additional storage will assist in reducing broken mains.

Burlingame 49th to 57th and East on 57th to Topeka Blvd. The installation of a new 24 inch main to provide an additional source of supply to the south area is scheduled for 2007. The cost of \$3,306,800 will be 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 2007. Cost of \$933,790 will be financed by revenue bonds. Maintenance costs will increase incrementally over time.

Portage Route – Water Treatment Plant. This 2007 project will construct portage route for canoeists around the weir in the Kansas River. The project is budgeted for \$250,000.

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 2006 and 2007, \$200,000 is provided.

Lease/Purchase Program for Self Contained Breathing Apparatus. This total lease/purchase is \$500,000 to be paid at \$100,000 per year for five (5) years beginning in 2006. The lease purchase program will replace the Fire Department's Self Contained Breathing Apparatus. Monies currently devoted to maintaining existing equipment can be deferred for one to two years and used of Fire Station maintenance.

Fire Fleet Replacement. In 2007, \$1,185,600 is provided for the Fire Department to replace one (1) aerial truck and one (1) pumper truck.

Zoo Infrastructure. This project budgeted for 2007 will provide for the replacement of public sidewalks at the Topeka Zoo. The cost to replace these sidewalks is scheduled at \$50,000.

Rehabilitation and Repair. \$200,000 is earmarked from the General Improvement Fund in 2007 to provide an account from which various smaller rehabilitation and repair projects can be financed for City Hall. The concept is to pay for smaller projects up front rather than with debt financing to avoid the additional interest payments.

Enterprise Resource Planning System. This project is scheduled to begin in 2007 which will allow the city to replace the existing HTE system with the purchase and implementation of an Enterprise Resource Planning (ERP) System that would be Windows based and provide tools for both finance and human resource management. The first year cost of the ERP system is estimated to be \$700,000.

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Capital Improvement Fund Transfer Projects. These projects are financed by the transfer of one-time dollars available from the General Fund.

Police Fleet Replacement. The project will replace approximately 36 vehicles in the Police Fleet in 2006. A total of \$800,000 is scheduled.

Police 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 \$220,000 is scheduled in 2006.

Public Works Neighborhood Revitalization/Curb & Gutter Replacement. In 2006, the City intends to repair and replace curbs and gutters along with other neighborhood improvements at a cost of \$751,579.

Public Works Sidewalk Repair. This project will repair and replace defective sidewalk sections throughout the city for \$100,000 in both 2006 and 2007, with the latter year financed by the General Improvement Fund. The cost will be shared between the City and the property owners. The homeowner is scheduled to reimburse the City 50% of the cost to repair or replace their sidewalk.

City Hall/Holiday/LEC Major Maintenance. This project would address ongoing rehabilitation and repair needs as part of the buildings maintenance. This project will allow the city to reduce the number of unbudgeted emergency repairs. A total of \$235,000 is scheduled in 2006.

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.

Topeka Boulevard Bridge. The total estimated cost to replace the Topeka Boulevard Bridge is \$41,083,600, currently financed by \$26,415,000 from a county-wide sales tax and \$16,825,000 from federal transportation grants. The project is scheduled to begin in 2006, but will take two to three years to complete. The sales tax is pledged as revenue to service the debt on bonds that will be sold to finance the \$26,415,000.

African Canid Exhibit. This project scheduled in 2007 for \$120,000 would develop an African Canid (hyenas/wild dog) exhibits. This new exhibits would include a large outside yard with winter holding facilities. This project is scheduled to be funded by the Friends of the Zoo (FOTZ).

African Primate/Bird Exhibit. To total cost of this project is \$150,000 funded by FOTZ for 2007. This project will develop three separate exhibits with indoor holding facilities for African primates, including Colobus and Lemurs, and African birds.

Wild Bird Pond Renovation. In 2007, \$50,000 is scheduled to be provided from FOTZ for the renovation of the current large pond at the Zoo. This pond is home to native waterfowl land zoo collection birds.

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 \$868,400 in 2006 to purchase replacement vehicles. In this case, an aerial truck in 2006. The purchase of a new truck 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. \$291,200 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.

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Refurbish Station #5. The living quarters of Fire Station #5 are scheduled for demolition. New living quarters will be built with a basement attached to the existing apparatus bays in 2006 at a cost of \$1,337,776. This project is necessary due to the substantial structural damage to the building over the years.

Remodel Fire Administration Building. The Fire Administration building project will install new insulated windows, panels and doors in order to make the building more energy efficient. This project will include the installation of a keyless entry system. The project is scheduled in 2007 at a cost of \$141,533.

Police Department

Helicopter. A total of \$530,000 is included for 2007 to purchase a new police helicopter to replace the oldest helicopter, a 1994 model that will have over 10,000 hours of flight time. The machine will provide new and improved technology that will make the operation more efficient, effective and reliable. Maintenance costs will decrease the first few years and then rise as the helicopter gets older.

Neighborhoods/Citywide Projects

Washburn Lane TIF District. The project provides \$1.5 million in 2006 to pay the costs of a portion of the necessary public improvements for a proposed Washburn/Lane College Hill redevelopment project using Full Faith and Credit Tax Increment Financing (TIF) bonds of the City.

Citywide Neighborhood Infrastructure. \$600,000 was approved for 2006 and 2007 to make various improvements to neighborhood infrastructure throughout the City.

Heartland Park Improvements and STAR Bonds. \$2.5 million is approved in 2006 to effect major repairs to the racetrack and support areas at Heartland Park. The project, financed with general obligation bonds, is part of the City's contribution to prepare Heartland Park to host the Sports Car Club of America Runoffs in October of 2006. The City plans to work with Heartland Park in issuing STAR bonds (an enhanced TIF mechanism) to provide additional funding for this project.

Neighborhood Infrastructure. The amounts of \$1.4 million for 2006 and \$1.4 million for 2007 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.

Traffic Signals

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 \$388,000 is approved for 2006, with \$73,000 from G.O. Bonds and \$315,000 from KDOT. For 2007, there is \$75,000 from G.O. bonds and \$315,000 from federal sources for a total of \$390,000. The project will provide a net reduction in operating costs.

Signals Replacement. This project provides \$580,000 in 2006 and \$600,000 in 2007 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 2006 and 2007, \$102,400 is approved. The project reduces maintenance expenditures annually from the Transportation Operations budget.

Streets

ADA Street Curb Repair. A total of \$500,000 is authorized in 2006 and \$500,000 in 2007 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.

MacVicar - I-70 to SW 6th Street. This is a companion project to the 2004 project MacVicar-KANZA Entrance to I-70. In 2006, the improvements are extended to 6th Street, reconstructing a badly deteriorated section of SW MacVicar. \$1,931,690 from G.O. bonds and \$1,215,688 from federal funding, \$300,000 from state funding and \$1,931,690 from assessments finance the project for a total of \$5,379,068. The existing pavement has exceeded its design life and is badly deteriorated.

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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.

E. 6th-Golden to Market. The total of the project is \$1,588,950, including \$291,860 paid in 2005 and the remaining balance of \$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.

California – 29th to 33rd. This project will construct a new five-lane trafficway between SE 29th Street and SE 33rd Street. The project cost for 2006 is \$360,000 financed by G.O. bonds and for 2007 G.O. bonds will finance \$1,692,100 with \$1,075,000 from federal sources. The total project is \$3,127,100.

SW 29th Street & Fairlawn Rd. In 2006, \$120,000 of funding by G.O. bonds and in 2007 \$1,285,500 by G.O. bonds with an additional \$500,000 from state funding to reconstruct and improve the intersection of SW 29th Street and SW Fairlawn Rd. The work includes a double left turn lane and exclusive right turn lanes and traffic signal upgrades.

Lower Silver Lake Road over UP Railroad. The total cost of this project is \$5,455,240 over three years, 2005 to 2007. G.O. bonds provided \$680,000 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.

California – 37th to 41st. This project will construct a new five-lane trafficway between SE 37th Street and SE 41st Street. The financing of the project will come from G.O. bonds of \$210,000 in 2006 and \$150,000 in 2007.

California – 33rd to 37th. In 2007, \$215,000 will be provided to construct a new five-lane trafficway between SE 33rd Street and SE 37th Street. The project will be financed from G.O. bonds.

Bridges

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 for 2006. Bridge maintenance costs will be reduced and shifted to other city bridges.

Bridge E. 10th St – over Shunga. This project provides for the removal and replacement of the SE 10th Street Bridge over Shunga Creek. The existing bridge was constructed in 1968. The cost of the project for 2006 is \$170,000 and \$459,960 in 2007 both to be financed by G.O. bonds with the remaining \$1,839,840 being financed in 2007 by federal funds for a total project of \$2,469,800.

Topeka Blvd over Soldier Cut-off Channel Bridge. In 2006, \$113,600 and in 2007 \$15,000 is scheduled to be financed by G.O. bonds to replace an aging, deteriorating structure with an open span bridge. The existing structure is 52 years old with non-standard deck and railing.

Bridge - E 10th Street over Deer Creek. This project will remove and replace the SE 10th Street Bridge over Deer Creek. Funding is scheduled in 2007 for \$88,000 to be financed from G.O. bonds.

Parks and Recreation Department

Trail Development. For 2006 and 2007 each, \$100,000 is provided for the development of trails in and around Topeka. Planned development includes trail linkage on an extensive system of hike/bike trails that are joined with one another and to existing public parklands and facilities. The trails run parallel along natural drainage ways and/or dikes.

Playground Equipment. To replace old play structures at various locations around the City, \$100,000 is approved for both 2006 and 2007. The projects would include providing ADA access. It is estimated the project will increase maintenance costs by \$500 annually.

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

Dornwood Park Restrooms. This project will purchase and install a public restroom at Dornwood Softball Park. Currently the park only has one set of restrooms. This project is scheduled in 2006 for \$108,150.

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.

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 Park 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.

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.

Old Prairie Town - 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.

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 \$225,000.

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.

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.

Central Park Center ADA Renovation. This project was approved for 2007 to renovate and remodel the Community Center to meet ADA requirements and create more usable programming space. The cost of the project is \$886,800. Annual maintenance expenses will increase by \$1,000 based on the added space.

Abbot Center Addition. A total of \$825,000 is approved in 2007 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.

Resurfacing Parking Lots – various parks. In 2007, \$437,000 is scheduled to resurface the asphalt roads and parking lots in various parks and park facilities.

Park Restrooms – Gage & Oakland. This project will provide additional public restrooms in Gage Park in the southeast area and the renovation of the Oakland-Billard Park restrooms. This project is scheduled in 2007 for \$212,200.

Zoo

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 \$215,625 from G.O. bonds and \$71,875 from the FOTZ organization. Utility costs are expected to increase marginally.

Tropical Rain Forest Roof. At a cost of \$300,000 in 2006, this project will replace the acrylic dome on the Tropical Rain Forest. This facility was constructed in 1974 and the roof has begun to deteriorate.