



City of Austin
Capital Improvement Program
Year-End Update

20
11



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LETTER FROM THE CAPITAL PLANNING OFFICER

The City of Austin regularly undertakes projects to improve public facilities and infrastructure assets for the benefit of its citizens. Improvements include the construction of city facilities such as recreation centers and libraries, as well as the reconstruction of streets, replacement of water/wastewater lines and provision of power for City of Austin residents. Collectively, these projects are referred to as the City of Austin Capital Improvement Program (CIP).

The CIP Year-End Update provides a status of the City of Austin capital improvement program for Fiscal Year 2011 which lasts from October 2010 through September 2011. The report contains a high-level status of our capital improvement program, including the amount obligated and spent on capital improvement projects for the year.

In addition, the report highlights the status and progress of key capital projects by City departments. Summary information is also provided for the 2006 and 2010 bond programs which make up a substantial portion of active projects and CIP expenditures for Fiscal Year 2011. This information was compiled in large part through the exceptional contributions of our City of Austin department executives and staff.

The Capital Planning Office produces a mid-year and year-end CIP report to keep citizens, City Council and the City of Austin organization updated on the capital improvement program. I welcome any feedback regarding the CIP Year-End Update so that the report will be most useful to our City of Austin citizens and stakeholders.

Mike Trimble
Capital Planning Officer

GENERAL OBLIGATION BOND PROGRAM UPDATES

2006 Bond Program	Funding (\$)
Transportation	103,100,000
Drainage and Land Acquisition	145,000,000
Parks	84,700,000
Community and Cultural Facilities	31,500,000
Affordable Housing	55,000,000
New Central Library	90,000,000
Public Safety Facilities	58,100,000
2006 Total	\$567,400,000
2010 Bond Program	Funding (\$)
Pedestrian/ADA	39,100,000
Signals/Intersections	4,200,000
Partnership Projects	23,200,000
Street Reconstruction	23,500,000
2010 Total	\$90,000,000

The City of Austin currently has two major bond programs in full implementation, the 2006 and 2010 Bond Programs.

General Obligation Bonds are approved by voters to fund capital expenditures for a specific public purpose identified on the bond election ballot. Once approved by voters, the bonds may be used as a source of funds for design and construction of multi-year capital projects that fulfill the intended purpose of the bonds.

Figure 1. General Obligation Bond Funding by Year and Implementation Area

2006 Bond Program

Work steadily continues on *Proposition 1: Transportation and Proposition 2: Drainage* projects. More than 87% of the Accelerate Austin funds for street reconstruction, a Proposition 1 program, have been obligated to projects and nearly all the bond funds allocated towards open space acquisition, a Proposition 2 program, have been obligated.

Several notable *Proposition 3: Parks and Parkland* projects were completed in Fiscal Year 2011, including the new BMX/Skate Park, Northwest Recreation Center expansion, Dittmar Recreation Center gym enclosure, and McBeth Recreation Center annex.

In *Proposition 4: Community and Cultural Facilities*, two projects are complete, two are in construction, one is in design, and one is in the preliminary phase.

Of the \$55 million included in *Proposition 5: Affordable Housing*, all but \$6 million has been obligated resulting in 2,242 units of affordable housing. Schematic design for the new

Central Library project (*Proposition 6*) is complete and was considered by City Council in October 2011.

A *Proposition 7: Public Safety* project, the Joint Public Safety Training Facility, held its grand opening in January 2011 and the Austin Animal Center held its grand opening in November. EMS Station #33 is in the construction phase with substantial completion anticipated in August 2012.

Further detail on 2006 bond projects, such as Accelerate Austin (p. 10) and the New Central Library (p. 6) can be found in this update.

2010 Bond Program

Contracts were put in place, design work is underway and construction has started for many 2010 Bond projects.

Multiple *Pedestrian/ADA/Bicycle* projects have construction ongoing or complete with the installation of curb ramps and sidewalk repairs or additions. Bicycle lanes on Cameron Road and sidewalks on Brodie Lane and Johnston Terrace are complete.

Pedestrian hybrid beacons, part of the *Signals and Intersection Improvements* program area, will be installed in Fiscal Year 2012, and equipment for the Advanced Traffic Management System is in the procurement phase.

All four *Partnership* projects with Travis County are underway. The Austin to Manor Rail with Trail project, that will link Central Austin with the City of Manor, is currently in the design phase.

Seven *Street Reconstruction* projects are in the design phase with three projects in the bid phase. Construction will begin in Fiscal Year 2012.

Twelve *Mobility Priority* projects are in the preliminary phase; nine projects are in design; two are in construction; and three projects are complete.

Additional information on the 2010 Bond is available online at <http://austingo.austintexas.gov/department/2010-mobility-bond>.

KEY CAPITAL IMPROVEMENT PROGRAM UPDATES



The City of Austin had approximately 512 active Capital Improvement Projects at the close of Fiscal Year 2011.

The chart to the right (Figure 2) shows a breakdown of the percent of active projects for Fiscal Year 2011 by Phase. The CIP Project phases highlighted include Preliminary, Design, Bid and Construction.

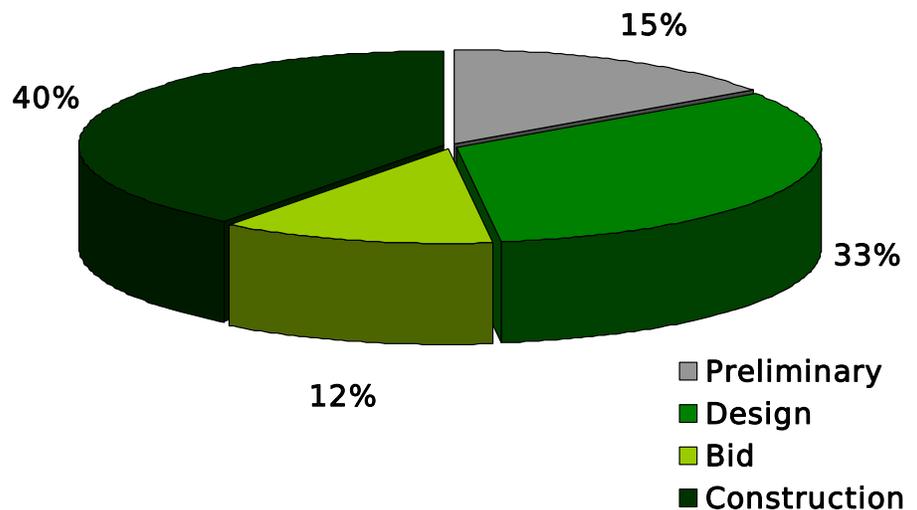


Figure 2. Percent of Active Capital Improvement Projects by Phase

In Fiscal Year 2011, the City of Austin had approximately 512 active Capital Improvement Projects. The *Preliminary Phase* (15% of the current active projects) consists of initial project planning such as scoping, funding allocation, and schedule and cost estimation. This phase is followed by *Design* (33% of the current active projects), which can include—but is not limited to—zoning, permitting, architectural design and land acquisition.

The *Bid Phase* (12% of the current active) begins when the City of Austin advertises the project and requests bid submissions from contractors and vendors. The phase ends when a contract is approved by City Council and executed.

Once a contract has been executed, a project begins the *Construction Phase*. 40% of the CIP's current active projects are in construction.

Construction can refer to the actual construction or renovation of buildings or other infrastructure, such as streets and sidewalks. It can also refer to the execution or implementation

phase of other projects that do not include construction, such as the implementation of technology projects.

Following the construction phase, a project enters the *Post-Construction Phase*. This phase includes the warranty, completion of final as built plans, and project close-out.

Key Capital Improvement Projects

City departments were asked to provide updates on the status of key CIP projects of significant interest to the public, or that were significant to the department at the mid-year and year-end of Fiscal Year 2011.

The mid-year report contained updates on the progress of over 135 CIP projects or programs, including 14 projects that were completed during the first half of this fiscal year. Completed projects included:

- 2006 Bonds Affordable Housing Program (NHCD)
- Accelerate Austin—5 projects (PW)
- APD Solar Photovoltaic Units (AE)

- Demolition of Buildings (HHSD)
- Franklin Gardens Senior Housing (NHCD)
- Joint Public Safety Training Facility (APD)
- Maximo Inventory Software (AE)
- Pflugler Bridge Extension (PW)
- Ronald McDonald House Renovations (NHCD)
- Sweeney Circle Housing Rehabilitation (NHCD)

This year-end update provides details for over 140 CIP projects or programs. Updates are arranged by departments and are grouped according to their primary source of funding—General or Enterprise. General Government departments are funded through property and sales tax revenues, and various other sources. Enterprise Government departments are those that function like a business and generate operating revenues, such as Austin Energy and Austin Water Utility. While General Government Department CIPs are funded primarily with debt, Enterprise Government departments contribute funding to capital projects from operating revenues and commercial paper (unsecured short-term debt) programs.

General Fund Departments



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Figure 3. Design of New Central Library, as viewed from Cesar Chavez St.

Austin Public Library

Key Project:
New Central Library
Status: Design

The end of the Schematic Design Phase for the New Central Library Project was successfully reached during Fiscal Year 2011. The Schematic Design was presented by the consultant architects to Council on September 22, 2011, followed by presentations to the Library Commission and the Design Commission on September 26, 2011. The response to the Schematic Design, which features sustainable elements and captures Austin's unique beauty by means of a bicycle porch, outdoor reading porches, and a rooftop garden, was overwhelmingly positive from elected and appointed officials, as well as citizens.

Library staff and consultants were actively involved in the planning processes for the new Shoal Creek Bridge, the extensions of West Avenue and Second Street, and improvements to the hike and bike trails in the area. Second Street from the Shoal Creek Bridge to West Avenue, along the North side of the New Central Library, is now being planned as a Festival Street with shared spaces, traffic calming devices, and low speed limits to improve pedestrian, bicycle and automobile safety.

On July 14, 2011, the Artist Selection Panel for the New Central Library Project selected three finalists to present their designs. One of the finalists and an alternate will be chosen to present their design to the Art In Public Places (AIPP) Panel, Arts Commission and Council for approval.

Key Project:
Austin History Center - Exterior Restoration
Status: Post-Construction

This architectural modifications project, completed in August 2011, improves accessibility to the Austin History Center in accordance with the Texas Architectural Barriers Act. The newly constructed exterior ramp (See photo, pg 2) was designed to match the look of the historical landmark building.

Key Project:
Interior Security Camera Installation
Status: Complete

Interior security cameras were installed and made operational throughout the Austin Public Library's departmental inventory of properties. The system's software will allow Security Officers and Librarians to remotely monitor Library interior spaces while remaining available to provide customer service at circulation desks and security stations.

Key Project:
Faulk Central Library Chiller/ Cooling Tower Retrofit
Status: Post-Construction

In April 2011, the Austin Public Library, in partnership with Austin Energy, purchased and installed a centrifugal chiller and cooling tower at the Faulk Central Library. The new 220 ton chiller was delivered and installed in the basement of the Faulk Central Library in July 2011, and on August 17, 2011, the new cooling tower was installed on the roof of the building.

Communications and Technology Management (CTM)

Key Project:
Austin Go
Status: Construction

In early 2011, staff recommended completing the implementation of the City's website re-design using in-house talent and resources, with minor staff augmentation, as necessary. On April 28, City Council approved funding to begin the Austin Go project and the redesign process began in May. The design and navigation of the site is user-focused and provides many access points to City information and services.

The project schedule includes four releases. Release 1, an internal launch, was completed on schedule in July 2011 and included the installation and configuration of the Content Management System (CMS) and the development/ deployment of content for five key departments. Release 2 was also internal and completed on schedule in October. It included system enhancements, training, and the deployment of content for all departments. Release 3 (which includes final enhancements and testing) and Release 4 (Final Go-Live to the public) will occur in Fiscal Year 2012.

Key Project:
PC Lifecycle and Microsoft Enterprise License Agreement
Status: Construction

In Fiscal Year 2011, a Microsoft Enterprise License Agreement was purchased to allow installation of Windows 7 and the basic system software and provide upgrades to technology infrastructure through 2015. Windows 7 will be deployed in Fiscal Year 2012.

In addition, the City is replacing out-of-date PCs over a four year period. As of the end of Fiscal Year 2011, 1,357 PCs were installed in various departments throughout the City. The old PCs will be recycled.

Key Project:
Upgrade to VoIP
Status: On-going

The upgrade of the City of Austin's telephone system to Voice Over Internet Protocol (VoIP) has been a major CIP project for several years. The new system provides common services—such as voicemail and conferencing—to most City offices.

Phases 1 and 1A were completed prior to Fiscal Year 2011. Phase 2, consisting of eight libraries, was completed in Fiscal Year 2011. Phase 2A and the beginning of Phase 3 will be implemented in Fiscal Year 2012. The anticipated completion date is Fiscal Year 2015.

Emergency Medical Services (EMS)

Key Project:
Mueller Station #33
Status: Construction

In Fiscal Year 2011, the Mueller New Construction Council (MCC) granted design approval for a new EMS Station in Northeast Austin, Mueller Station #33, and issued development and building permits.



Figure 4. Construction of Station 33

Construction began in May 2011, including a modified layout of the water line to bypass an electrical duct bank in the street. Concrete pours of the foundation, basement walls, and elevator shaft began in October 2011. Substantial completion is targeted for August 2012.

Financial and Administrative Services Department (FASD)

Key Projects:
City facilities rehabilitation
Status: See Below

The Building Services Division of FASD provides property management and remodeling services to City facilities. At the Rutherford Lane Campus, tenants moved into the Health Inspectors Office in June 2011 following the completion of the remodel.

The Austin Resource Recovery Expansion and Remodel, also at the Rutherford Lane Campus, is in the final design phase. Design is expected to go to bid in Winter 2011. Phase one of construction is scheduled for late Winter 2011. Finally, the metal stair rehabilitation will be complete in early Fiscal Year 2012.

The Fire Station 18 driveway replacement began in October 2011 and is expected to be complete by late December 2011. The designs for driveways at stations 8, 15, 22, 24, 27, and 32 are expected to be complete in early Winter 2011 and go to bid, shortly after.

The Old Fire House remodel for the Arson Division of the Fire Department is in construction and will be completed by December 2011.

The remodel design and planning stages of the Building Services headquarters are complete and construction is scheduled to begin in early 2012.

Key Projects:
Austin Resource Center for the Homeless (ARCH) Repairs
Status: Construction

The engineering and architecture design work for the Austin Resource Center for the Homeless (ARCH) is complete. Work began on the roof, mezzanine, water harvesting systems, and solar water system in Fiscal Year 2011. Anticipated completion for these projects is in early Fiscal Year 2012, at which time the shower room repair will begin.



Figure 5. The Austin Animal Center (AAC) [Credit: ACC’s Facebook Page]

 **Health and Human Services Department (HHSD)**

Key Project:
Animal Services Center
Status: Post-Construction

The new HHSD Animal Services Center covers approximately 41,400 square feet on ten acres and is a state-of-the-art facility designed to provide a safer, healthier atmosphere for lost and homeless animals and visitors. As Fiscal Year 2011 closed, HHSD staff transferred equipment, safety and telephone systems, and furniture from Town Lake Animal Center. The grand opening of the new Austin Animal Center was held on November 12, 2011.

 **Fire**

Key Projects:
Women’s Locker Room Additions
Status: See Below

Six of the seven women’s locker room additions in Phase 4 are complete and in-service. This includes stations 17, 28, 30, 31, 32, & 33. The locker room at Station 29 is 75% complete with completion expected in the first quarter of Fiscal Year 2012.

The revised design for Phase 5 locker rooms—at stations 5, 7, 22, 24, 26 & 27—is expected from the architects in early 2012. Department review will follow, immediately.

 **Neighborhood Housing and Community Development (NHCD)**

Key Project:
M Station Apartments
Status: Complete

Foundation Communities completed the new 150-unit M Station Apartments, which is the first rental development with affordable units located in the Martin Luther King (MLK) Transit-Oriented Development (TOD) area.

M Station is located within walking distance of the MLK Metro Rail platform, and is situated between MLK, Manor Road, and Airport Boulevard, offering residents easy access to rail, bus, and bike lanes. Energy-efficient building techniques and appliances lowers utility costs, and the convenience of an on-site childcare center provides an essential service to families at a discounted rate.

Key Project:
Meadow Lake Homes
Status: Complete

Austin Habitat for Humanity completed and sold 25 new single-family houses in the Meadow Lake Subdivision in southeast Austin. Habitat offers ownership opportunities to very low-income individuals and families who complete Habitat’s self-sufficiency program and who put in at least 400 hours of labor toward the upkeep or rehabilitation of their homes. The average income of families that purchased a home from Habitat in the Meadow Lake Subdivision was just under \$30,000 a year for a 4-person household.

Key Project:
Retreat at North Bluff
Status: Complete

This mixed-income rental development is located west of Interstate 35, just off South Congress Avenue, and offers high-quality design and amenities. Fifty of the 240 units are reserved for low- and very low-income households. The project was completed two months ahead of schedule and was 100% leased by July 2011.

Key Project:
The Ivy Condominiums
Status: Complete

Easter Seals Central Texas acquired 10 units in the Ivy Condominiums located on Manchaca Road. All 10 units were retrofitted to accommodate persons with mobility disabilities. The location provides easy access to transit, retail services, healthcare and employment. The project is funded in part by a grant that will enable Easter Seals to keep the rents affordable for very low-income persons with disabilities for a period of 40 years.



Figure 6. Aerial view of the BMX and Skate Park.



Parks and Recreation Department (PAR)

Key Project:
BMX and Skate Park
Status: Post-Construction

The BMX and Skate Park is a combination skate and BMX bike course that covers approximately 30,000 square feet on an acre lot next to the Austin Recreation Center near 12th St. and Lamar Blvd.

The grand opening was held on June 16, 2011 with strong participation by the local skate and BMX community, and attended by Mayor Lee Leffingwell.

Key Project:
Deep Eddy Municipal Pool
Status: Bid

The Deep Eddy Municipal Pool project ensures code compliance with landscape improvements, integration of access, and associated preparatory work to the Deep Eddy Woods Pavilion.

Construction is scheduled to begin in early Fiscal Year 2012 and to be substantially complete in March 2012.

Key Project:
Northwest Recreation Center
Status: Post-Construction

The Northwest Recreation Center re-opened on July 9, 2011 with an addition of approximately 8,000 square feet to the ground floor of the existing facility, drainage improvements and removal of roof access and earth berms.

Key Project:
City Of Austin/YMCA North Austin Community Recreation Center
Status: Construction

The original scope of the recreation center project was to build a new recreation center in north Austin at a site located near North Lamar Blvd and Rutland Dr. However, the project scope expanded with the opportunity to develop a more comprehensive community center in partnership with the YMCA. A groundbreaking ceremony occurred on October 13, 2011 and construction is expected to begin in early Fiscal Year 2012.



Figure 7. Public Input Sessions for Imagine Austin

Planning and Development Review (PDR)

Key Project:
Imagine Austin Comprehensive Plan
Status: See Below

During the summer of Fiscal Year 2011, the Imagine Austin Working Groups discussed, refined, and prioritized actions and incorporated them into the draft plan. The plan will enter the public review phase in Fiscal Year 2012. This final phase began with a release party, held on October 1, 2011. The event gave the public an initial look at the draft plan, an opportunity to rank the Priority Programs, and an opportunity to comment on the plan.



Figure 8. imagineAustin.Net

Following the public review phase and through the first quarter of Fiscal Year 2012, the Comprehensive Plan Citizens Advisory Task Force will consider all comments submitted, and make any necessary changes. The plan is scheduled to be considered by the Planning Commission in the second quarter of Fiscal Year 2012 and City Council in early Spring.

Key Project:
Airport Boulevard Form-Based Code
Status: See Below

The Airport Boulevard Form-Based Code project completed two of three phases in September 2011. Phase 1 of the project culminated with Community Vision, a workshop where 110 stakeholders from the Airport Boulevard corridor provided input on how the area should grow over the next few decades.

In late September, Phase 2 of the project, a design intensive workshop, translated the results of the Community Vision workshop into the early development of the plan for Airport Boulevard. Phase Three of the project will consist of the development regulations, or code, for the area and will begin in early Fiscal Year 2012. A draft of the framework will be presented to Boards and Commissions and City Council in Winter 2012.

Police

Key Project:
Digital Vehicle Video Project (DVV)
Status: Construction

New digital video recording (DVV) systems were installed in 104 patrol vehicles for Central East Command and several specialty commands. In addition, 14 motorcycles had the new equipment installed and it is in-use on Austin streets. DVV systems will be installed in additional APD vehicles in January 2012, and installations will continue throughout Fiscal Year 2012 until the entire fleet is outfitted.

Public Works (PW)

Key Projects:
Street Reconstruction – 2006 Bond Prop 1 (Accelerate Austin)
Status: See Below

Proposition 1 of the City's 2006 General Obligation Bond program provided \$85 million for roadway and bridge reconstruction. The Accelerate Austin program, an initiative designed to stimulate the local economy by accelerating the construction of needed road improvements, comprises \$71.5 million (69%) of the total funding available from Proposition 1 (\$103.1 million).

Of the 37 projects that comprise the Accelerate Austin program and have passed the preliminary engineering phase, eight projects are in design; one is in bid; nine are in construction; and nine are complete. One project has been deferred and is on-hold pending the resolution of construction, utility, and other conflicts.

Nine additional projects advanced under the momentum of the Accelerate Austin program due to significant cost savings resulting from a favorable bidding environment and \$2.5 million of the savings was repurposed for sidewalk construction projects.

Other projects funded under Proposition 1 of the 2006 Bond (not included as part of Accelerate Austin) that have advanced during the past two years include the reconstruction of Oltorf Street from South First to South Congress, the Cesar Chavez Street two-way conversion and several street reconstruction and bridge repair efforts.

ENTERPRISE FUND DEPARTMENTS



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Figure 9. (Clockwise from Top Left) Mueller Substation Construction, Robert Mueller Energy Center Chiller, System Control Center Renovation.



Austin Energy (AE)

Key Projects:
Energy Distribution
Status: See Below

Distribution projects account for 43% (\$61.87 million) of Austin Energy's Fiscal Year 2011 CIP spending. Major project expenditures included both residential and commercial customer growth, system reliability and relocations of existing assets.

In the Distribution Substation category, major projects include: the Daffin Gin 123 upgrade, which is now complete; the Mueller substation, which has major equipment energized and is in construction for landscaping; the Dunlap Substation, which is in the early stages of construction; and the Riverplace substation additions, which are nearing the end of construction with a completion date in early Fiscal Year 2012.

Key Projects:
On-Site Energy Resources
Status: Post-Construction

In the On-Site Energy Resources category, the Robert Mueller Energy Center Phase 3 chiller addition was completed. This chiller will supply backup power to the Dell Children's Hospital.

Key Projects:
Customer Care and Metering
Status: Construction

In the Customer Service and Metering category, the final steps are being completed for implementing the Customer Care & Billing (CC&B) system. The system will go on-line in early Fiscal Year 2012.

Key Projects:
Fayette Power Plant Scrubbers
Status: Construction

In the Power Production category, the Fayette Power Plant (FPP) Scrubbers project, which began in 2005, was completed and put into service. The scrubber on unit 1 went online in January and unit 2 followed in March. The scrubbers will remove more than 95% of sulfur dioxide and 20% of mercury emissions.

Key Projects:
Alternate Energy
Status: Design

In the Alternate Energy category, major projects in the design phase include the installation of 300 kilowatt of photovoltaic (PV) units at the Decker Power Plant and installation of solar PV and a solar water heater at the Animal Services Center.

Key Projects:
Energy Transmission
Status: See Below

In the Transmission projects category, the Fayette Power Project yard circuit breaker upgrade was completed. Major projects in construction include the Mueller and Dunlap substations, as well as the Webberville solar switchyard. The switchyard will connect a 138 kilovolt line to a 30 megawatt solar generation farm.

Key Projects:
Support Services
Status: Construction

In Support Services projects, construction began on the System Control Center, which is a renovation of property purchased to move the Energy Control Center from its current location in the Seaholm redevelopment area.



Figure 10. Construction at Water Treatment Plant #4.



Austin Water Utility (AWU)

**Key Project: Downtown Wastewater Tunnel
Status: Construction**

A change order was executed in September 2011 to combine the Seaholm Wastewater Modifications project with the Downtown Tunnel project. The addition of this \$6 million change order will result in significant dollar savings for the City of Austin and will allow project work to continue on schedule for the New Central Library project.

In Fiscal Year 2011, tunneling excavation was completed for all of the scope of work included in the original Downtown Tunnel project. In addition, wastewater pipe was installed in approximately 65% of the tunnel. Tunneling excavation for the additional scope of work is anticipated to be complete by January 2012.

**Key Projects: Water Treatment Plant #4
Status: See Below**

Construction of the Raw Water (RW) Intake in Lake Travis is underway and excavation of the RW tunnel shaft at the RW pump station (RWPS) site reached the suction cavity level—a milestone depth of 370 feet. Tunneling of the RW transmission main, connecting the RWPS to the treatment plant, is one-third complete.

Construction of several key process facilities at the treatment plant site (upflow clarifiers and clearwells) are complete, or nearing completion. Construction is underway for the 6.5 mile finished water transmission main connecting the treatment plant to AWU's existing Jollyville Reservoir.

Final design of the Finished Water Pump Station and Bullick Hollow Road electrical duct bank is nearing completion. The City Council Audit and Finance Committee reviewed and accepted the City Auditor's report on the postponement of Water Treatment Plant 4 in September 2011. The project will be complete in 2014.

**Key Projects:
South IH-35 Water/Wastewater Program
Status: See Below**

The South IH-35 Water and Wastewater Program is nearing completion. Construction of the 13-mile long, 36-inch to 48-inch diameter water transmission main will be substantially complete in the first quarter of Fiscal Year 2012.

One wastewater interceptor project is also complete. Only three projects remain in construction and are expected to reach completion in spring or summer of 2012: Onion Creek North Interceptor, Onion Creek Golf Course Interceptor, and Pilot Knob Pump Station.



Figure 11. (From left to right) New construction at the Remain Overnight Apron; Campus Signage Improvements

 **Aviation**

Key Project:
Campus Signage Improvements
Status: Design

Design is almost complete on a campus-wide replacement of all exterior signage. The improvements will provide unified branding for Austin-Bergstrom International Airport (ABIA), improve graphics, minimize long term maintenance costs, and enhance directional assistance to the public. In addition, new digital directories will be provided in the Terminal.

Key Project:
Remain Overnight Apron
Status: Construction

Phase 1 construction, which includes the new pavement seen in Figure 11, was completed in Fiscal Year 2011 and Phase 2 is currently under construction. When complete in Fiscal Year 2012, the apron will provide additional overnight aircraft parking, and an additional revenue stream for the Department of Aviation.

Key Project:
Consolidated Rental Car Facility
Status: Preliminary

Design for the Consolidated Rental Car Facility, to be completed by a public-private partnership, is expected to commence in January 2012. Final negotiations on the partnership contract continue, and will be completed in time to commence design as anticipated.

Key Project:
New Employee Parking Lot
Status: Design

The project is currently in design and consists of a new parking lot with better access to the Terminal. This will allow for the consolidation of employee parking and provide additional overflow for public parking.

Key Project:
Presidential Boulevard Roadway Safety and Security Improvements
Status: Design

The project is currently in design and consists of three related items: construction of a connector road from Presidential Boulevard to Spirit of Texas Drive, construction of a temporary relief cell phone lot, and the enhancement of blockades at the Terminal to provide for hostile vehicle mitigation.

Key Project:
Terminal East Infill
Status: Preliminary

Planning was initiated for the expansion of the Terminal at the East end of the facility. A design-build firm will be selected by a Request for Proposals (RFP) process. The Aviation Department is pursuing additional funding from the Federal Aviation Administration (FAA).



Figure 12. Ground Breaking Ceremony at Waller Creek Tunnel.

 **Watershed Protection**

Key Project:
Waller Creek Tunnel
Status: See Below

The *Waller Creek Tunnel* project is on-schedule and on-budget. The Main Tunnel project has completed the construction shaft and tunneling equipment arrived. The Inlet Facility at Waterloo Park project was awarded by Council and construction contracts are being executed. Waterloo Park was closed on November 1, 2011 in support of this project. The first floor foundation for the Boathouse project is complete and the second floor foundation preparation began. Outlet project is in pre-final design and under review by the City. Both Outlet and 8th Street Creek Side Inlet projects are in permitting. Final project completion is still on track for the spring of 2015.

Key Project:
Boggy Creek—Rosewood Restoration
Status: Design

The *Boggy Creek-Rosewood Restoration* project includes removal of abandoned wastewater infrastructure, restoration of eroded stream banks and pollution removal from storm runoff. The project is currently in design and construction will begin in Fiscal Year 2012.

Key Project:
Shoal Creek—Little Shoal Creek Tunnel, Phase I
Status: Design

The catalyst for this project is the redevelopment of the “Block 51” property located at the northeast corner of the intersection of 5th and Nueces Streets. Redevelopment of the property requires the relocation of a portion of the existing storm water drainage line, known as the Little Shoal Creek Tunnel (LSCT). Watershed Engineering Division (WED) had existing plans to relocate a larger portion of the LSCT. A contract for construction has been executed and will break ground in Fiscal Year 2012.

Key Project:
Onion Creek Floodplain Buyout
Status: See Below

The Austin portion of the Onion Creek Floodplain Buyout project consists of the buyout of 483 flood prone properties along lower Onion Creek in southeast Austin, ecosystem restoration, and the construction of new park facilities. In the third and fourth quarters of Fiscal Year 2011, the City purchased an additional nine properties, bringing the total to 292. The City plans to invest approximately \$2 million in Fiscal Year 2012 to keep the project moving even though federal reimbursement from the Water Resources Redevelopment Act of 2007 is not anticipated this fiscal year.

Key Project:
Comburg Dam Modernization
Status:

The *Comburg Dam Modernization* project is located in the Slaughter Watershed near the intersection of Comburg Drive and Toulouse Drive. An access easement currently is being acquired through the eminent domain process, with construction scheduled to begin in the summer of 2012. This structure is considered a small but high hazard dam. The dam consists of an earthen embankment approximately eight feet tall with a concrete paved overflow spillway.

The goal of the project is to modify the dam to ensure the earthen embankment does not severely erode during an extreme rain event and cause the dam to fail, which could potentially impact 87 residences, 3 commercial buildings, and 13 roads.

The project will mainly consist of developing an access drive and providing “turf reinforced matting” over the entire embankment. This matting is designed to withstand high velocities without eroding. Upon installation, sod will be overlaid and the matting will not be visible.

CAPITAL IMPROVEMENT PROGRAM FUNDING AND EXPENDITURES

Department	Spending Plan (\$)	Actual Spending (\$)	% of Spending Plan
General Government Departments			
APL	4,589,000	2,525,641	55
CTM	6,486,000	4,585,680	71
EGRSO	6,765,000	542,419	8
EMS	2,715,000	466,254	17
FASD	14,217,000	15,455,950	109
Fire	2,265,000	861,352	38
HHSD	7,093,000	7,886,624	111
Municipal Court	2,904,000	85,696	3
NHCD	14,747,000	9,813,330	67
PARD	29,837,000	19,062,029	64
PDR	6,015,000	5,749,635	96
Police	4,372,000	6,173,983	141
PW	69,804,000	58,755,722	84
General Total	\$171,809,000	\$131,954,315	77%
Enterprise Government Departments			
AE	237,048,000	143,512,824	61
AWU	273,540,000	246,265,773	90
Aviation	30,799,000	19,598,018	64
Convention Center	2,125,000	1,485,055	70
SWS	15,691,000	7,686,087	49
WPD	39,025,000	50,996,734	131
Enterprise Total	\$598,228,000	\$469,544,491	78%
TOTAL CIP	\$770,037,000	\$601,498,806	78%

Source of Funds

The CIP is supported by a number of different funding sources, including debt, cash and various other revenues. The type of funding utilized for a project can vary according to the type of project, as well as whether the department is part of the General Government CIP or Enterprise CIP.

Cash and various other revenue sources for the CIP include transfers from department operating budgets, interest earnings, grants, donations, sale proceeds, interagency agreements, developer contributions, and fees.

Debt sources include voter approved public improvement bonds (PIBs), certificates of obligation (COs), contractual obligations (KOs), and commercial paper (CP). The PIBs, COs and KOs are secured by the full faith and credit of the City of Austin, and backed by its ad valorem (according to value) taxing power.

Figure 13. Yearend CIP Spending by Department

CIP Spending

Figure 13 details the spending plan and total expenses for each department, broken down by general government and enterprise CIPs, for Fiscal Year 2011.

The chart shows a comparison of what departments planned to spend on capital projects for the Fiscal Year (Spending Plan) versus actual expenditures (Actual Spending). The spending plans are developed at the beginning of the fiscal year, based upon the best project information available.

This comparison is used as one of the measures for progress on completing capital projects. Expenditures are monitored throughout the year to track overall progress of the program.

The spending plans for all departments totaled \$770 million for the fiscal year. At the end of Fiscal Year 2011, department CIP spending totaled 78% (\$601.5 million) of the planned expenditures.

Departments ranged from spending 3% to 141% of spending plans. Several factors impact the progress of capital projects, and therefore effect the actual amount of expenditures for a given fiscal year.

For additional information about spending plan variances, please see the Fiscal Year 2011 Quarter 4 Financial Report at Austin Finance Online (<http://www.ci.austin.tx.us/financeonline/finance/index.cfm>.)



ADDITIONAL INFORMATION

The Capital Planning Office would like to thank City of Austin departments and staff that contributed content for both the mid-year and yearend updates. The Capital Planning Office will continue to produce and distribute status reports twice a year.

If you would like additional information or have any suggestions for improving this report, please contact the Capital Planning Office at 974-3344.



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