DRAFT

CAPITAL IMPROVEMENTS PROGRAM

Fiscal Year 2013-14

VOLUME ONE

Five-Year Plan

City of Austin, Texas

City Council

Lee Leffingwell, Mayor

Sheryl Cole, Mayor Pro Tem

Chris Riley, Place 1

Mike Martinez, Place 2

Kathie Tovo, Place 3

Laura Morrison, Place 4

Bill Spellman, Place 5

City Manager

Marc Ott

The FY 2013-14 Capital Improvements Program Five-Year Plan is jointly produced by the City of Austin Capital Planning Office and Financial Services Department. For additional information about the City's CIP planning or financing, visit www.austintexas.gov/cip and www.ci.austin.tx.us/financeonline/finance/index.cfm.

Table of Contents

Volume One: Capital Improvements Program (CIP) Planning

Planning Commission Recommendation Memo iii

Introduction

Purpose of the five-year Capital Improvements Program Plan 1
What is a capital improvement project? 1
Key Principles For the City's Capital Investments 2
Factors Affecting the Capital Improvements Program 3
Imagine Austin Comprehensive Plan and the CIP Plan 6
Voter-Approved General Obligation Bond Programs 8
The CIP Planning Process 9

FY 2013-14 CIP Plan Highlights 12

Capital Funding and Spending Overview

CIP Financing Mechanisms 14
CIP Spending Summary 14
City Financial Policies and the CIP 15

How to Read This Document 16

Spending Plan Summary by Department 19

Appropriation Request Summary by Department 21

Department CIP Plan Narratives and Spending Plan and Appropriation Request Summaries by Project

General Government

Austin Fire Department 25
Austin Police Department 33
Austin Public Library 41
Austin Transportation and Public Works Departments 53
Building Services Department 77
Communications & Technology Management 85
Economic Growth & Redevelopment Services Office 95
Emergency Medical Services Department 105
Financial Services Department 111
Fleet Services 117
Health & Human Services Department and Animal Services Office 125
Municipal Court 133
Neighborhood Housing & Community Development Office 139
Parks & Recreation Department 149
Planning & Development Review Department 171

Utility/Major Enterprises

Austin Convention Center Department 183
Austin Energy 191
Austin Resource Recovery 199
Austin Water Utility 209
Aviation Department 225
Watershed Protection Department 239

Volume Two: CIP Financial Information

Spending Plan Summary by Department 1

Appropriation Request Summary by Department 3

Department Spending Plan and Appropriation Request Summaries by Project, and Project Plan Pages

General Government

Austin Fire Department 7
Austin Police Department 15
Austin Public Library 25
Austin Transportation and Public Works Departments 31
Building Services Department 109
Economic Growth & Redevelopment Services Office 117
Emergency Medical Services Department 125
Financial Services Department 131
Fleet Services 139
Health & Human Services Department and Animal Services Office 147
Municipal Court 155
Neighborhood Housing & Community Development Office 161
Parks & Recreation Department 171
Planning & Development Review Department 269

Utility/Major Enterprises

Austin Convention Center Department 279
Austin Resource Recovery 287
Austin Water Utility 297
Aviation Department 379
Watershed Protection Department 399

Appendix

FY 2014-2018 GO Bond Appropriation/Sale Schedule 431
General Obligation Debt History 443

To: Austin City Council and City Manager

From: The City of Austin Planning Commission

Date: June 25, 2013

Re: **Planning Commission Recommendation on the 2013-14 Five Year CIP Plan**

Mayor, City Council, and City Manager,

Once a year the Planning Commission (PC) is tasked with reviewing, making recommendations and providing feedback in regards to the Capital Improvements Program (CIP) Plan. In response to this task, the Planning Commission would first like to express its support of the City Manager's Proposed Fiscal Year 2013-2014 Five-Year CIP Plan. Additionally, we would offer the following specific comments and recommendations to consider while implementing the CIP, taking into account Austin's ever-changing needs.

The CIP Committee (Committee) met with the different branches of the city staff including the Capital Planning Office, the Budget Office and the Planning and Development Review Department to review the CIP Plan. As you well know, an incredible amount of organization goes into the CIP every year; however, we learned this year from presentations made to the Committee that particular attention has gone into building the framework for the different city departments to collaborate on different departmental needs, share information and work together to devise strategies to maximize resources. Unlike in previous years, the Committee did not labor over an extensive list of projects and attempt to prioritize them; they are all important. We chose instead to rely on each department's ongoing prioritization and provide broader feedback. Having said that, we still feel that the projects we specifically identified during last year's process are as important as we then believed them to be, so some are reiterated herein. Also, despite neighborhood representation at our Committee meetings being down slightly, we as a committee feel the result is a superior CIP Plan to that of previous years.

In an effort to make the plan more accessible to and readable by the general public, the FY 2013-2014 CIP Plan has been divided into two volumes: CIP Planning and CIP Financial Information. Also, consistent with one of last year's Committee recommendations, each department has identified specific goals and directions in addition to continuing to work on metrics to monitor those goals.

The Committee would like to recommend that particular attention be paid to projects and priorities that address the following goals and needs:

1. The Imagine Austin Comprehensive Plan (IACP) should continue to guide city planning as it outlines desirable directions and broad goals for growth. One of the major tenets of the IACP is a compact and connected city. This goal can only be realized through strategic planning that addresses transportation, sidewalk and bicycle lane improvements, and household affordability among other things. It is important to remember that the goal of becoming compact and connected must be balanced by the realization that a city as diverse as Austin also includes

those that desire suburban development as a component of household affordability. Integrating different transportation methods is key to this growth.

2. In response to one of last year's recommendations, city staff continues to work on utilizing geographic information systems (GIS) mapping to identify requests for CIP funding and requests for capital improvements in adopted neighborhood plans.

3. Specifically in regards to transportation, the Committee recommends alternative ways to control traffic while simultaneously making roads and thoroughfares safer.

4. Consistent with last year's comments, the following continue to be top priorities going forward:
    a. Household Affordability: More has to be done to provide additional rental and ownership opportunities in the 30-80% median family income (MFI) range, emphasizing the 30% MFI range.
    b. Water: City staff continues to study issues related to drainage and water quality in areas identified as having particular issues. In addition to drainage and quality, water conservation is increasingly important as we continue to experience periods of regional drought.
    c. Sidewalks: We consistently hear from neighborhoods about the need for more sidewalks to increase safety. We recommend looking for ways to increase funding for sidewalks in future years.

We applaud the work City staff and the different departments have undergone to create the CIP Plan and the work that will surely follow in its implementation. We appreciate your attention to these matters and as always, welcome your questions and comments.

Regards,

Alfonso Hernandez
Chair CIP Committee

Dave Anderson
Chair Planning Commission

Volume One Introduction: Capital Improvements Program Planning

Purpose of the five-year Capital Improvements Program Plan

The City of Austin regularly undertakes projects to improve public facilities and infrastructure assets for the benefit of its citizens. The capital project-planning and decision-making process in Austin is guided by the five-year Capital Improvements Program Plan. Produced annually, the CIP Plan outlines the City's projected major capital improvements during the next five years based on reasonably anticipated revenues. The CIP Plan does not appropriate funds; rather it functions as a planning and budgeting tool that guides the annual development of the Capital Budget. The plan will also serve as a communication tool for the City's Capital Improvements Program to city management, City Council and the general public.

The CIP Plan allows the City of Austin to appropriately plan for its current and future capital needs. Projects costs included in the plan are estimates and may change because of unforeseen circumstances. The CIP Plan is also structured to provide the City with flexibility so funds may be redirected elsewhere in the CIP if a project faces insurmountable obstacles or priorities change.

What is a capital improvement project?

A capital improvement project is any major improvement to City facilities or infrastructure. These projects typically have a useful life of at least four years, cost more than $50,000 and may be funded by debt or other sources that are repaid over the course of multiple years. Fleet purchases and information technology projects that cost more than $25,000 are also considered capital improvement projects. Low-cost improvements and the regular maintenance of facilities and infrastructure are not considered capital improvement projects and are typically funded through a department's annual operating budget.

Capital improvement projects may include construction and renovation of recreation centers and libraries, acquisition of parkland, repaving of streets, replacement of water and wastewater lines, provision of power for residents and the purchase of new fleet vehicles and IT networks. Collectively, these projects are referred to as the Capital Improvements Program (CIP). CIP projects are varied, so some may require years of planning and construction while other may be completed in a shorter timeframe.

Key Principles for the City's Capital Investments

City investments in capital projects are guided by principles that reflect the City's values and priorities. They are drawn from the community's vision expressed in the Imagine Austin Comprehensive Plan and best practices in capital-improvement planning.

Provide adequate infrastructure and facilities to maintain City services

The City should regularly replace aging assets and renovate facilities to maintain a high level of service. In addition, population growth calls for the City to provide more infrastructure and facilities just to maintain the existing level of service. The City may be obligated to provide new facilities in newly annexed areas or upgrade existing facilities in densely populated areas to accommodate greater public use.

Seek cost-effectiveness in planning and delivery

The City will look for opportunities to leverage other funding sources to fund its CIP and will consider ways to decrease future operating and maintenance costs, capital costs, and long-term financial commitments when possible.

Balance community priorities

The CIP should balance investments to achieve community goals and address priorities for the benefit of all Austinites. Capital needs often exceed available funding so the City must continually prioritize its investments. Across the CIP, the City must balance capital investments that address urgent needs, planning priorities, City Council policy directives and department business priorities as well as take into account sustainability and cost considerations.

Support investments reflecting Imagine Austin vision and City Council policy directives

The Imagine Austin Comprehensive Plan, related plans and City Council policy directives make specific recommendations about how to address existing challenges and work toward a community vision. Strategic CIP investments should support these initiatives and implementation of the Imagine Austin Priority Programs as well as related actions. *See Priority Programs on page 6.*

Promote a sustainable community and high quality of life

The City's investments ought to promote sustainability by taking positive, proactive steps to protect quality of life now and for future generations. Sustainability means finding a balance among three sets of goals: 1) prosperity and jobs, 2) conservation and the environment, and 3) community health, equity and cultural vitality.

Encourage cross-departmental coordination and planning

The CIP should identify opportunities to address more than one service delivery need within a department or across departments through its capital investments.

Abide by City financial policies

Planning and implementation of the City's CIP should be aligned with City Council financial policies to ensure the City's financial resources are managed in a prudent manner.

Factors Affecting the Capital Improvements Program

The City's Capital Improvements Program is affected by factors that must be taken into account as priorities and future projects are considered. These factors may be external, such as market conditions, or internal, such as approved City plans for future growth and development. Some of the key factors affecting the five-year CIP Plan are noted below.

Growing City population is driving increased demand for City services
Austin has been one of the fastest-growing cities in the country for three decades and is expected to experience significant population and employment growth in the future. By 2039, Austin is expected to nearly double in population to 1.5 million people, as noted in the Imagine Austin Comprehensive Plan.

As the population grows, so does demand for City services such as roads, water and wastewater, and drainage infrastructure. In addition, a larger, denser population means more use of existing infrastructure, which requires more maintenance and capital improvements.

"With an estimated annual population growth rate of 3% for 2012 and 2013, a 3% rate of job growth in 2012, 4.9% unemployment, and an economy that expanded 6.3% last year, Austin takes the top spot on Forbes' annual list of America's Fastest Growing Cities for the third year in a row." – Forbes, January 2013

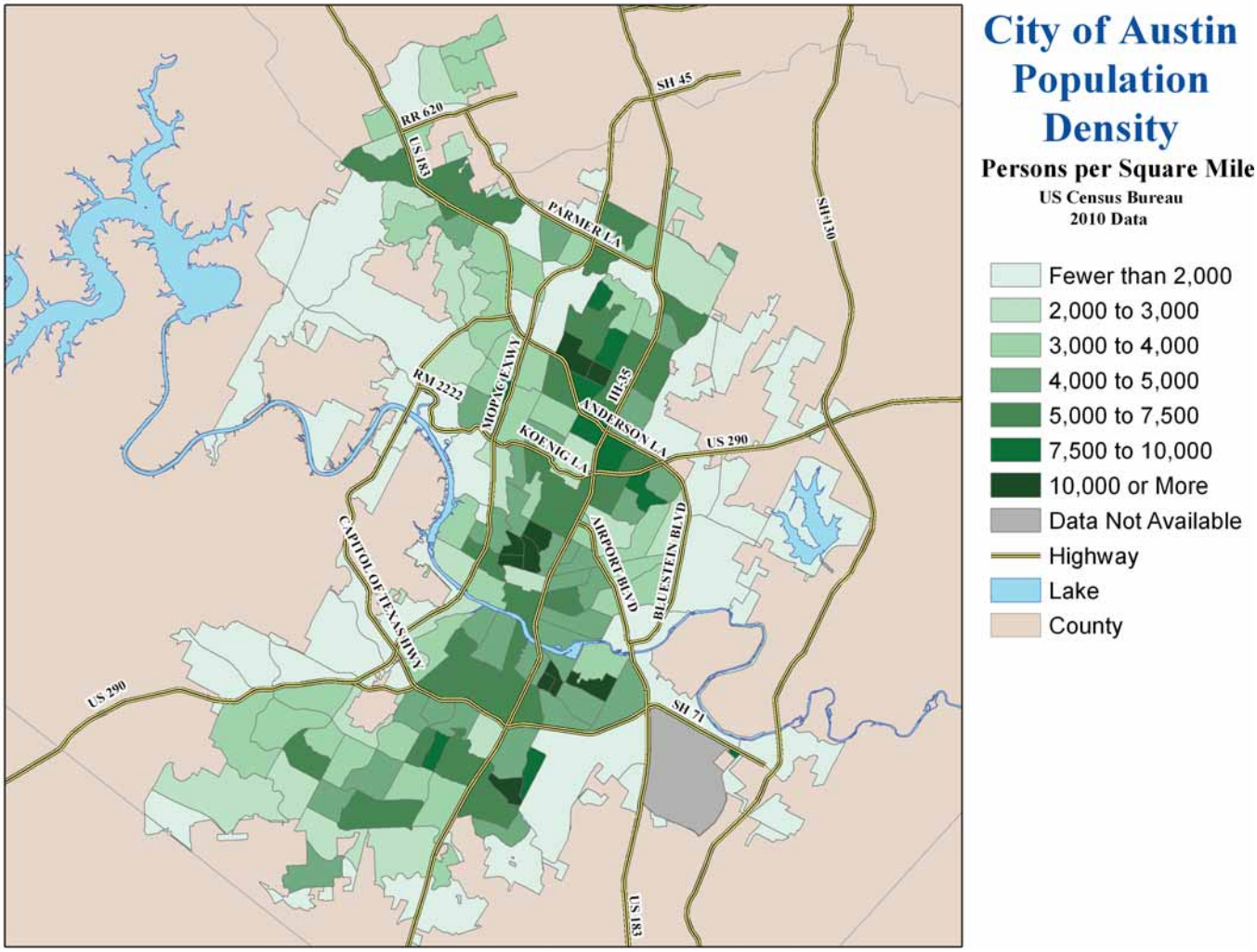
Austin is challenged to maintain existing infrastructure while also making new investments
Existing infrastructure and facilities are in substantial need of renovation or replacement. As a result, funding to address these needs is a priority for the City. One of the City's biggest challenges is to balance the need to maintain existing facilities, make investments to support community and economic development, and create additional infrastructure capacity to meet growing service demands. The City also faces the challenge of receiving less support from outside governmental entities due to decreasing revenues and budgetary constraints at the local, state and federal level.

As with most municipalities, the City's need for capital improvements typically far exceeds available resources. A recent example is in the development of the 2012 Bond Program, in which a citizen Bond Election Advisory Task Force and City Council had to narrow a $1.5 billion list of capital improvement needs into a $385 million bond package to stay within the City's current property tax rate. Many of the projects included in the needs assessment addressed the maintenance of existing city facilities and infrastructure networks, leaving fewer funds available for new initiatives.

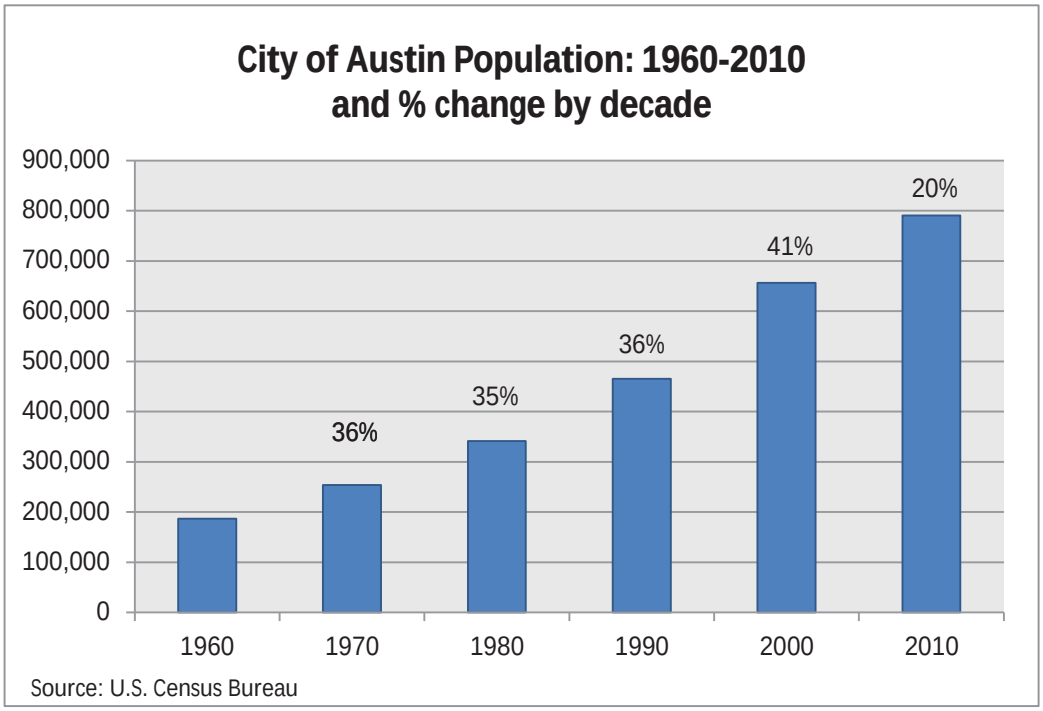
The economic climate affects the cost of the capital program
The economic environment has a considerable effect on the CIP, particularly as it pertains to the cost of completing capital projects. As the economy recovers construction bidding prices have increased due to factors such as increased demand for construction and fluctuations in materials costs. The City is already experiencing higher bid pricing in comparison with project estimates.

While the City plans for cost changes in its project estimates, the actual fluctuations in project costs are difficult to accurately project. The City will continue to monitor projects costs and plan for changes to meet CIP priorities.

A rapidly growing Central Texas puts focus on regional planning efforts
As the City and the Central Texas region grows in population, the City is placing additional emphasis on regional planning efforts and coordination. This is particularly true of regional transportation and mobility, water-resources planning and other regional growth-related issues. Working collaboratively with its regional partners will continue to be a key focus of the City.



Produced March 2013



"As the biggest City in Central Texas, Austin has a duty to provide regional leadership and invite its regional partners to collaborate on solutions." – Imagine Austin Comprehensive Plan

A new Strategic Facilities Roadmap will guide future investments in the City's facilities

In October 2012, the City completed a city-wide Strategic Facilities Roadmap that included recommendations to improve efficiency and cost -effectiveness of future investment in City facilities. The roadmap will guide decision-making for facilities-related capital improvements included in the CIP Plan, as well as facility operating decisions such as leases.

Imagine Austin serves as a guide for the City's development and capital investment

City Council adopted the Imagine Austin Comprehensive Plan in June 2012. The plan presents a long-term vision for the City that reflects the community's values and aspirations. Transforming this vision into reality through implementation will require incremental steps taken over time by many different City departments and community partners working together.

Many of the City's existing capital projects and programs are already in alignment with the vision of Imagine Austin and support its Priority Programs and actions. The Capital Planning Office and Budget Office are working closely with the Planning and Development Review Department as well as other City departments to ensure that future investments are also aligned with the comprehensive plan. More detail on existing efforts to incorporate Imagine Austin into the Fiscal Year (FY) 2013-14 CIP Plan is provided on page 6 and in each department's description of their capital improvements programs.

Did You Know?

The total net gain of population from 2000 to 2010 for the City of Austin was a staggering 134,000 persons, which translates to an overall increase of just more than 20% for the decade.

Other factors affecting project completion

Once projects are funded and implementation begins, several factors may affect a capital improvement project prior to completion. These factors may affect the schedule, cost or other facets of the project. Some of the factors are:

- Unknown conditions discovered at the project site that may require additional resources to address
- Changes in available funding sources, such as the availability of grant funding opportunities
- Increases in construction costs due to market conditions
- Special events and road closures
- Weather-related events

As a rule of thumb, the larger and more complex a project is, the more factors there are that can potentially affect the project. The City plans for, monitors, and manages such factors as much as possible for successful project completion.

Imagine Austin Comprehensive Plan and the CIP Plan

The FY 2013-14 CIP Plan is the first produced since the adoption of the Imagine Austin Comprehensive Plan. As shown in the individual department narratives in this CIP Plan, the City is already making progress on implementing Imagine Austin through its capital investments. The CIP Plan reflects Imagine Austin through the continuation of many ongoing CIP programs that support the comprehensive plan, such as completing gaps, investing in parks and open space, and financing the development of affordable housing. Sustainability measures are integrated into projects throughout the CIP, including new facility construction and renovations, construction methods, as well as CIP projects that support the City's water and energy conservation, and resource recovery programs. The Imagine Austin vision is also reflected in plans for new larger-scale and transformative capital improvement projects such as the redevelopment of the former Green Water Treatment Plant downtown and planning for Urban Rail.

The annual update of the CIP Plan gives the City an opportunity to identify the next incremental steps in implementing the Imagine Austin Comprehensive Plan through the CIP. Imagine Austin does not address all City operations and should not be taken as the sole determinant of capital investment, particularly related to existing infrastructure renovations and repairs. However, Imagine Austin is an important tool to assist departments as they determine capital improvement projects to include in the CIP Plan. Imagine Austin also provides the framework for enhanced coordination between departments to identify and advance CIP investment s meeting multiple City priorities.

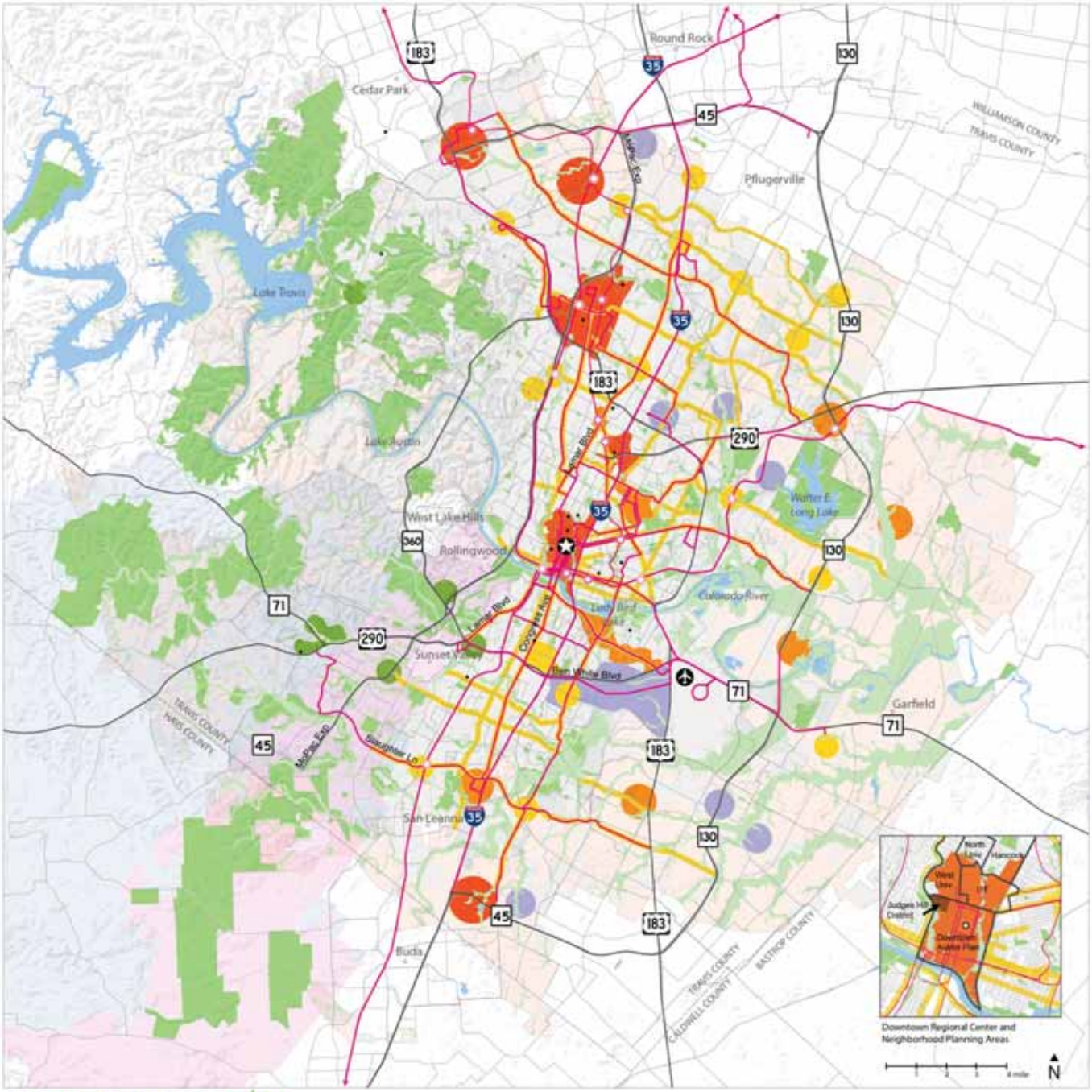
Imagine Austin Priority Programs

Imagine Austin includes eight Priority Programs that provide the basis for its implementation. Each department narrative in the CIP Plan contains information on how the department's capital improvements program supports the implementation of these Priority Programs.

The Priority Programs include:

- Invest in a compact and connected Austin
- Sustainably manage our water resources
- Continue to grow Austin's economy by investing in our workforce, education systems, entrepreneurs, and local businesses
- Use green infrastructure to protect environmentally sensitive areas and integrate nature into the city
- Grow and invest in Austin's creative economy
- Develop and maintain household affordability throughout Austin
- Create a Healthy Austin Program
- Revise Austin's development regulations and processes to promote a compact and connected city

The eight Priority Programs provide a common structure and direction to implement Imagine Austin's Growth Concept map (page 7), policies, and actions.



June 15, 2012

IMAGINEAUSTIN
Vibrant. Livable. Connected.

Growth Concept Map

Legend

- Regional Center
- Town Center
- Neighborhood Center
- Activity Corridor
- Activity Centers for Redevelopment in Sensitive Environmental Areas
- Job Center
- Current Open Space
- Future Open Space
- Barton Springs Contributing Zone
- Barton Springs Recharge Zone
- College / University

Transportation

- High Capacity Transit Stop
- Proposed High Capacity Transit Stop
- High Capacity Transit
- Highway
- Other Streets

Boundaries

- City Limits
- ETJ
- County Boundaries

The Growth Concept Map applies the Imagine Austin vision statement to the city's physical development. Generated through a public scenario-building process, it defines how we plan to accommodate new residents, jobs, mixed use areas, open space, and transportation infrastructure over the next 30 years.

Map Disclaimers: A comprehensive plan shall not constitute zoning regulations or establish zoning district boundaries. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. This product has been produced by the Planning and Development Review Department for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

Voter-Approved General Obligation Bond Programs

City Council periodically calls for a General Obligation (GO) bond election to raise funds through tax-supported debt for capital improvement projects that are otherwise not funded by City revenue, such as roads, bridges, bikeways, urban trails and parks. Each year, a significant portion of the City's General Government CIP fulfills projects that are part of voter-approved GO bond programs.

Most recently, Austin voters in November 2012 approved $306.6 million in GO bonds to fund transportation and mobility improvements, preserve open space, and renovate libraries and museums, among other projects. In addition to beginning work on 2012 Bond-funded projects, the City continues to implement projects funded by previously approved GO bond programs, such as the 2006 Bond Program and 2010 Mobility Bond Program. This overlap of bond program funding is common in a capital improvement program because projects may take several years to complete from planning to design and construction. The City often spends the largest amount of authorized bond funding a few years after voters approve the bonds and then spending tapers toward the end of the bond program.

As reflected in this CIP Plan, the City continues to make significant progress on completing prior-year bond programs while also initiating projects for the 2012 Bond Program.

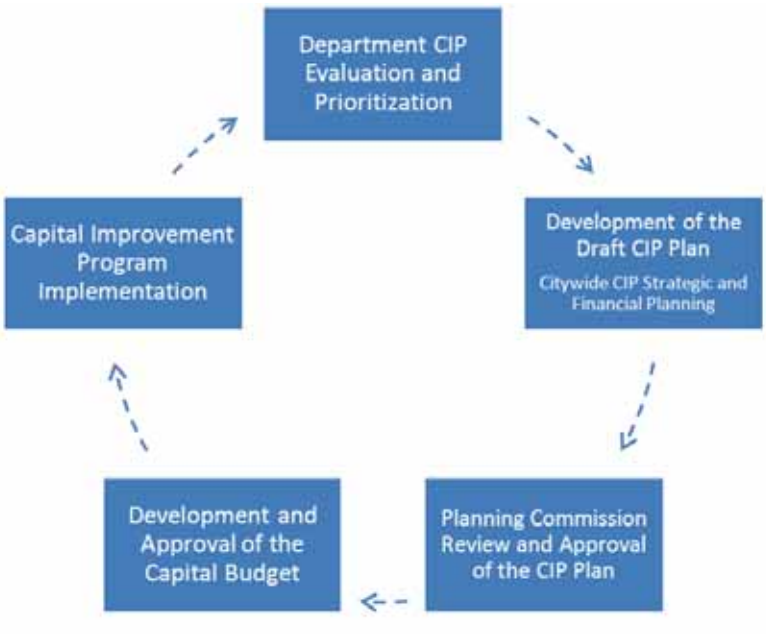
2012 Bond Program

In November, 2012 Austin voters approved six bond propositions to fund various capital improvements throughout the city over the next few years. The 2012 Bond Program was developed with extensive community input and help from a citizen task force. Work associated with these propositions is reflected in this CIP Plan through 2012 bond-funded projects and programs in many departments' capital programs.

2012 Bond Proposition	Authorized Funding
Transportation and Mobility	$143,299,000
Open Space and Watershed Protection	$30,000,000
Parks and Recreation	$77,680,000
Public Safety	$31,079,000
Health and Human Resources	$11,148,000
Library, Museum and Cultural Arts Facilities	$13,442,000

The CIP Planning Process

The City of Austin's CIP planning and prioritization process is multi-faceted, incorporating review and public input at the departmental and organizational levels. The CIP includes many recurring capital programs aimed at existing infrastructure networks, city facilities and services. As such, capital planning and prioritization occurs on an ongoing basis throughout the year and is ultimately reflected in the CIP Plan process.



Department CIP Evaluation and Prioritization
The development of the CIP Plan typically starts with City departments reviewing their capital improvement needs early in the fiscal year and prioritizing them for inclusion in the Capital Improvements Program. Part of this analysis includes the review of spending plans for completing existing capital projects as well as the allocation of GO bond funding or anticipated revenues to specific projects. Departments possess the operational and technical expertise necessary to determine how particular needs and priorities translate into a proposed capital improvement project.

City departments identify potential new capital improvement projects to include in the CIP Plan each year using technical assessments of infrastructure condition and need, public input received through individual department's planning efforts, and requests from City Boards and Commissions. Each department's prioritization process is different based on its specific service responsibilities. However, in general terms, all capital projects address one or more of the following organizational **capital investment priorities**: Urgent Needs, Planning Priorities, Council Policy Directives, and/or Department Business Priorities. The City also considers positive sustainability and cost impacts for CIP projects. (See Capital Improvement Priorities on page 10.)

Citywide Strategic and Financial Planning and Development of the Draft CIP Plan
Departments then transmit a description of their departments' Capital Improvements Program projects, unfunded capital needs, and associated spending and funding allocation plans to the Capital Planning Office and the Budget Office of the Financial Services Department. The Capital Planning Office and Budget Office review the department CIP project submittals from a citywide strategic and financial planning perspective and then compile a draft five-year CIP Plan. The City Manager reviews the draft CIP Plan and General Obligation (GO) Bond Sale and Appropriation Schedule in April. The draft CIP Plan is used as a basis for forecasting the operating costs associated with CIP projects included in the Budget Office's annual Financial Forecast of operating expenditures and revenue, which is provided to City Council in April.

Planning Commission Review and Approval of the CIP Plan
The draft CIP Plan is submitted for review to the CIP Committee of the Planning Commission, at which time citizens have the opportunity to provide comments and feedback. After receiving input from the CIP Committee and the public, the Planning Commission finishes its review and sends its recommended CIP Plan to the City Manager and City Council.

Development and Approval of the Capital Budget

The Capital Budget and General Obligation (GO) Bond Sale and Appropriation Schedule, presented to City Council in July/August as part of the annually-produced Proposed Budget, will contain the required and available appropriations for the next fiscal year based on the first year of the CIP Plan. The Operating Budget, which is also included as part of the Proposed Budget presented in July/August, contains operating costs associated with facilities that will become operational during the next fiscal year.

City Council holds public hearings on the Proposed Budget in August. The CIP process culminates in September with City Council's approval of the Capital and Operating Budgets for the fiscal year beginning October 1.

CIP Implementation

From October onward, departments implement their Capital Improvements Programs based on the CIP Plan and Capital Budget. Departments are responsible for monitoring and reporting on actual versus projected spending as well as meeting schedule milestones for CIP programs and projects. Departments provide information included in the Budget Office Quarterly Financial Reports and the Capital Planning Office Year-End Update on the status of their department CIP following the end of the fiscal year. The Capital Planning Office in collaboration with the Budget Office provides general monitoring and oversight of the CIP Plan as it is implemented.

Capital Improvement Priorities

The following types of criteria are used to determine capital improvement priorities during the CIP evaluation and prioritization process (page 9):

Urgent Needs: The City often encounters issues that create a more pressing need to make a capital improvement. Capital improvements are considered urgent needs if they: remedy existing hazard that threaten public health, safety, or security; meet legal mandates or requirements; prevent failure of a facility or infrastructure; or prevents degradation of City services that would result if a project is deferred. Due to their nature, urgent needs typically represent the highest priorities for capital improvement.

Planning Priorities: The City's Imagine Austin Comprehensive Plan as well as small area master plans, neighborhood plans and regional plans typically include recommended priorities related to capital investment. The plans are typically developed through a public input process that considers community priorities for improving Austin over the short- and long-term. The City reviews and addresses these priorities at the department and the organizational level through existing capital planning processes.

Policy Priorities: City Council, using feedback from the public and related boards and commissions, often sets priorities for capital improvements through its policy directives. City staff then reviews these directives and determines ways to implement them through infrastructure improvements.

Department Business Priorities: Each City department has a particular mission and set of responsibilities to provide service to the community. Departments prioritize and plan for capital improvements that are needed to meet service delivery requirements and to carry out their operational objectives. These priorities may include improvements to existing capital assets as well as investments in new improvements to address department business priorities.

Sustainability : Sustainability refers to community quality of life goals such as environmentally-friendly service delivery, improvements that provide an economic benefit, and equitable distribution of capital assets and cultural amenities. These goals are reflected in priorities identified through public input, existing City policies affecting capital investment, and practices incorporated by City departments in capital planning and implementation. For example, the City has a sustainable building policy which sets thresholds for projects to achieve minimum LEED Silver certification.

Cost: The City considers cost effectiveness when formulating the CIP. If the City is able to leverage funding from other entities, it is able to obtain a greater return on investment. Also, certain capital improvements may provide future cost benefits, such as avoidance of higher maintenance costs or more costly capital improvements. These factors are taken into account as the City prioritizes its capital improvement needs and determines projects to be implemented.

Evolution of a Capital Project

Capital improvement projects have multiple phases. Once a project has been included in the Capital Improvements Program Plan and approved in the annual capital budget, the following phases may be completed. This sequence is based on a typical design-bid-build CIP project, however project phases may vary depending on the project delivery method and project type.

Preliminary Phase: The Preliminary Phase consists of initial project planning such as scoping, funding allocation, and schedule and cost estimation. It may also include right-of-way acquisition or inter-local agreements with other agencies.

Design Phase: The Design Phase may include surveying, architectural design, zoning, permitting and land acquisition.

Bid/Award/Execution Phase: The Bid Phase begins when the City advertises the project and requests bid submissions from contractors and vendors. The phase ends when a contract is approved by City Council and is executed.

Construction Phase: A project enters the Construction Phase when a contract has been executed. Construction may refer to the actual construction or renovation of buildings or other infrastructure, such as streets and sidewalks. Construction may also refer to the execution or implementation phase of other projects that do not include construction, such as the implementation of technology projects.

Post-Construction Phase: The Post-Construction Phase includes the warranty, completion of final as built plans, and project closeout.

Police Mounted Patrol facility | p. 35

Dark Sky streetlight infrastructure upgrades | p. 195

Cemetery renovations | p. 154

FY 2013-14 CIP PLAN HIGHLIGHTS

East 51st Street Improvements | p. 58 and p. 100

Eco-Industrial Park | p. 203

Repairing **fire alarm systems** and other **critical life-safety projects** in City buildings | p. 80

Boardwalk Trail at Lady Bird Lake | p. 62

Ambulance truck bay expansions | p. 107

Waller Creek Tunnel project | p. 242

Improvements to many existing parks, playscapes, trails, and aquatic facilities | p. 153

Pedestrian Hybrid Beacons and accessible pedestrian signals programs | p. 55

2006 Bond Program

2012 Bond City of Austin

GO bond program implementation continues

Consolidated Rental Car Facility at ABIA | p. 228

Montopolis Community and Recreation Center | p. 127 and p. 154

Modernizing the City's **fleet fuel facilities** | p. 120

Land preserved for water quality protection | p. 245

IH-35 Capital Corridor Improvement Project | p. 56

Green Water Treatment Plant and Seaholm District Redevelopment | p. 100

New Central Library | p. 46

Art in Public Places | p. 100

Upgrading the City's **fiber optic network** to expand capacity of the City's data/telephone network | p. 90

Upgrades to **power production** facilities | p. 195

Austin Studios Expansion | p. 100

Continued rehabilitation of existing water & wastewater facilities | p. 214

IMAGINEAUSTIN
Vibrant. Livable. Connected.

Projects in support of the **Imagine Austin** comprehensive plan vision

Women's locker room additions to fire stations | p. 27

ARR's continued conversion from diesel to alternative fuels | p. 202

Escalator replacement and repairs at the Convention Center | p. 186

More than

500

active CIP projects

Renovation and replacement of existing infrastructure and facilities

Reconstructed roadways, new sidewalks, and bike lanes | p. 62

Investments in affordable housing developments | p. 143

Capital Funding and Spending Overview

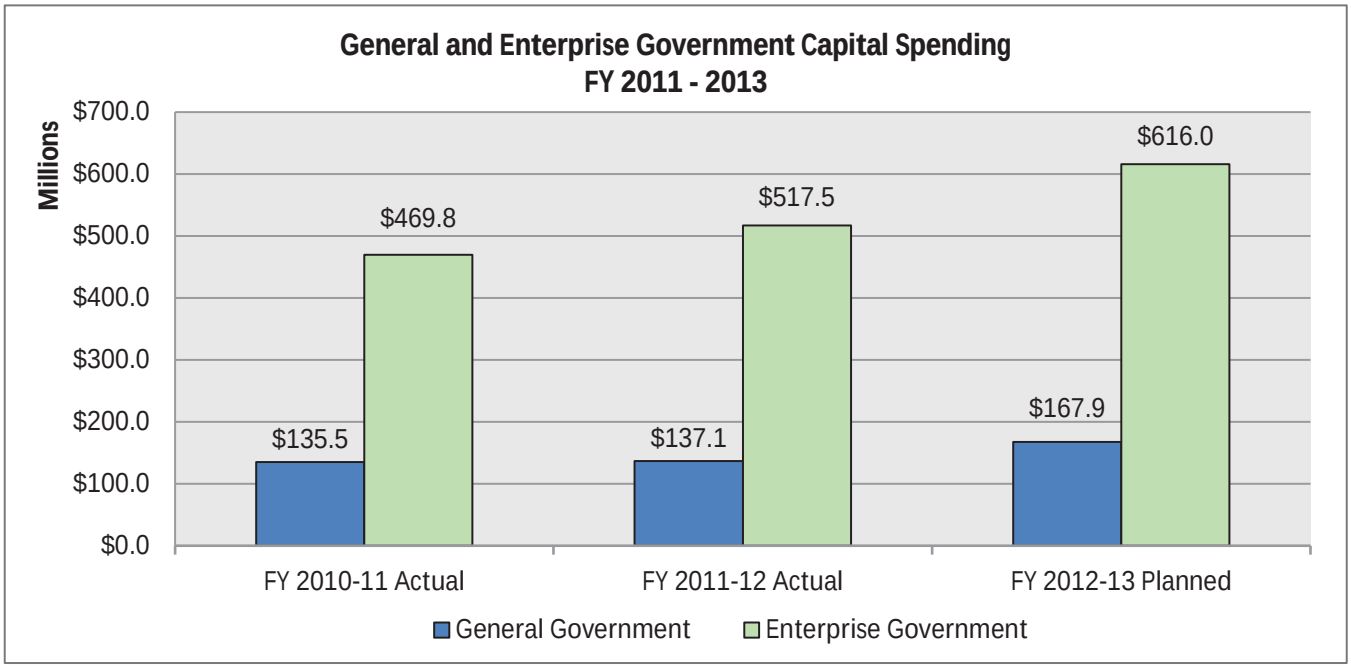
CIP Financing Mechanisms

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 the Enterprise Government CIP. The most common funding sources are bonds (tax-supported for the General Government Departments and revenue-supported for the Enterprise Departments) as well as cash transfers. Debt sources include public improvement bonds (voter-approved General Obligation bond programs), certificates of obligation, contractual obligations, and commercial paper. The use of debt is suitable in capital projects because it promotes intergenerational equity in bearing the costs of the projects in conjunction with enjoying the benefits.

The public improvement bonds (PIBs), certificates of obligation (COs) and contractual obligations (KOs) are all secured by the full faith and credit of the City of Austin and secured by its ad valorem taxing power. While PIBs require voter approval obtained through a bond election, COs and KOs do not require voter approval. COs are used for real property purchase and construction and are typically paid for over a 20 year period, similar to PIBs, and KOs are a short-term debt instrument used to finance equipment or vehicles.

The City's priority is to fund capital expenditures with cash or voter approved debt. However, by official financial policy, it allows for use of COs and KOs if the capital expenditure is urgent, unanticipated, necessary to prevent an economic loss to the City, revenue generating, or is the most cost-effective financing option. The commercial paper (CP) program is utilized by Austin Energy and Austin Water Utility only. CP is a very short-term debt, usually due within 30 to 45 days, and utilized as an interim financing instruction for capital expenditures that provides for lower interest costs and flexibility. Cash and various other revenue sources for the CIP include transfers from department operating budgets, grants, donations, sale proceeds, interagency agreements, developer contributions, fees, etc.

CIP Spending Summary



There is no standard length of time for a capital project. Depending on the size or nature, it can take several months or several years to complete. As a result, capital spending will span over multiple fiscal years. The graph on the previous page depicts the actual capital spending for FY 2010-11 and FY 2011-12 and planned spending for FY 2012-13 for all departments. General government departments include Police, Fire, EMS, Public Works, Austin Transportation, Austin Public Library, etc. Enterprise departments include Austin Water Utility, Austin Resource Recovery, Austin Convention Center, etc.

Spending for the general government departments is chiefly driven by the 2006 and 2010 bond programs. Enterprise capital spending has been driven by Water Treatment Plant 4, Aviation landside and terminal improvements, Watershed Protection drainage improvements and open space acquisition, and Convention Center building improvements. Additional details about these drivers can be found in the individual department narratives.

City Financial Policies and the CIP

In June 1989, the City Council developed financial policies to ensure that the City's financial resources were managed in a prudent manner. These policies are reviewed annually for compliance, and changes and additions to the policies are approved for Council consideration from time to time. Several of the policies have a direct relation to the financing of capital projects. For example, a General Government capital contingency of most 3% of capital expenditures, but not less than $2.0 million, is to be budgeted annually. If any of those funds are utilized in a given year, it is required to replace those funds in the following fiscal year. An additional example of a capital related financial policy is that it is the City's priority to fund capital expenditures with cash or voter approved debt. However, non-voter approved debt may be used for capital expenditures as an alternative to lease/purchase or other financing options if the capital expenditure is urgent, unanticipated, necessary to prevent an economic loss to the City, revenue generating or non-voter approved debt is the most cost effective financing option available. A complete listing of the City's financial policies are available in the annual budget document found on the Austin Finance Online website located here: www.austintexas.gov/financeonline/finance/index.cfm.

How to Read this Document

The FY 2013-14 CIP Plan is divided into two volumes: **Volume One** focuses on **CIP Planning**, while **Volume Two** provides **CIP financial information**.

Volume One includes the Planning Commission's recommendation on the CIP Plan, explains the CIP planning process and provides detailed descriptions of each department's CIP plans. The *Introduction* provides information about the CIP Planning Process, key principles guiding CIP investment, factors affecting the CIP, and describes the relationship of the CIP Plan to the Imagine Austin Comprehensive Plan and voter-approved General Obligation Bond Programs. This is followed by *FY 2013-14 CIP Plan highlights,* including page numbers referencing where to find additional information in the department narratives, and a *Capital Funding and Spending Overview*.

The rest of Volume One focuses on department-specific CIP information, starting with *Summary Tables of Spending Plan and Appropriation Requests Totals by Department* on page 19. *Department Narratives* explaining each department's capital program in detail and highlighting its major planned projects are followed by *Department Summary Tables of Spending Plans and Appropriation Requests by Project*.

Volume Two provides all FY 2013-14 CIP Plan financial information together, including the *Summary Tables of Spending Plan and Appropriation Requests by Department and by Project* from Volume One, as well as more detailed *Project Plan Pages* for each project.

The financial information in the *Summary Tables* and *Project Plan Pages* include projects and sub-projects that have known funding sources. Unfunded capital project requests are described in the Department Narratives in Volume One.

Each *Project Plan Page* describes a project accompanied by a list of associated sub-projects that are either underway or scheduled to occur within the five-year planning horizon. The financial information included in the Project Plan Pages is a summary of each sub-project's financial details. This information may represent funding not only from the department that is responsible for the project, but also from other departments. For example, the financial information for many of the street reconstruction projects in the Public Works section contains funding from Public Works and Austin Water Utility. This is because when the City reconstructs a section of road, the project also often includes utility work. The reporting method accurately captures total project costs in one place for the reader.

Please note that the Communications and Technology Management Department (CTM) and Austin Energy do not have Project Plan Pages. CTM's CIP goes through a separate process for information technology funding and project planning. Austin Energy's funding strategy is tied to energy industry regulations and market dynamics; therefore, much of this information is considered proprietary.

Key Terms Used in Summary Tables and Project Plan Pages

The **Spending Plan** reflects estimated cash flow for capital projects and is highly correlated to the project schedule. The spending plans included in this CIP Plan document are estimates for planning purposes. As with any projection, the confidence level for estimates decreases in the later years of the five-year planning hori- The project spending plans will be updated for the final approval of funding appropriations in the Capital Budget. The spending plans will be monitored throughout the year.

The **Appropriation Plan** reflects current funding appropriation levels as well as future planned appropriations that will be necessary to complete the project. Capital projects can span over multiple years, and as a result there is a distinction between what the City plans to spend in the next fiscal year and the new funding appropriations required to be approved in the Budget. For example, full funding appropriations for capital projects are required for contract awards to ensure adequate funding even though that appropriation will most likely not be fully spent in the same fiscal year. The planned funding appropriations shown for FY 2013-14 ("2014" column in the summary tables) in this CIP Plan will become the basis for determining the FY 2013-14 Proposed Capital Budget.

The **Funding Plan** represents the funding source(s) that support the current and planned future appropriations for a project. See CIP Financing Mechanisms on page 14 for more information about funding sources.

- **Debt** refers to bonds the City issues to cover the cost of capital improvements. The City uses several types of debt instruments, including public improvement bonds, certificates of obligation, contractual obligations and commercial paper.
- **Cash** includes transfers from department operating budgets or revenues.
- **Grants** refer to money received from federal, state, county, non-profit, or other grants.
- **Other** refers to money from a variety of other sources used to fund capital improvements such as developer contributions, sale proceeds, interagency agreements, donations, etc.

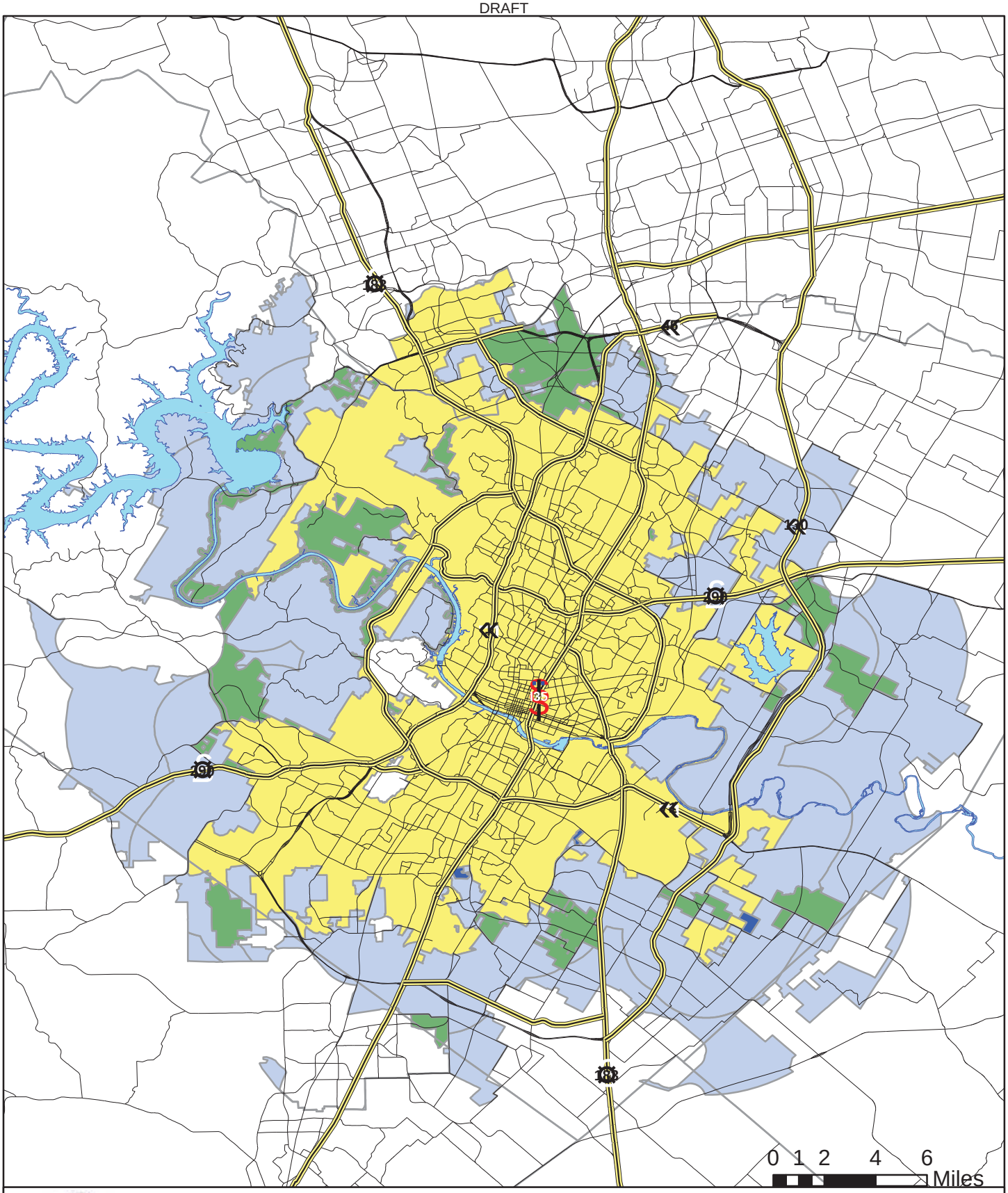
A **project** is a group of related sub-projects managed in a coordinated way to obtain benefits and control that would not be available from managing them individually. A **sub-project** is a stand-alone CIP project that relates to the main project under which it is listed.

The **Through Current Year** column reflects actual spending through the previous fiscal year (FY 2011-12) plus planned spending for the current fiscal year (FY2012-13).

Data in the columns under the other **fiscal years (2014, 2015, 2016, 2017, 2018)** reflect the planned spending or funding appropriations for the five-year CIP planning horizon.

The **Future** column indicates any planned spending or funding appropriations for projects beyond the five-year horizon of this CIP plan. Note that each department's internal CIP planning timeframes may differ, and thus the timeframe included in the Future column will differ. For one department the Future column could represent the future planned spending and appropriations within a 20-year planning horizon, while other departments may limit their spending and appropriations planning to the 5-year CIP Plan timeframe, in which case the Future column would not include any data.

DRAFT



City of Austin Extra-Territorial Jurisdictions

- Austin Full Purpose
- Austin Limited Purpose
- Austin ETJ
- Austin ETJ - Agriculture Development Agreement

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying puposes. It does not represent an on-the-ground survey and respresents only the approximate relative location of property boundaries.

This map has been produced for the sole purpose of geographic reference.
No warranty is made by the City of Austin regarding specific accuracy or completeness.

Plotted on: May 1, 2013

2013-2014 CIP Spending Plan Summary

General Government

Department	Thru Current Year	2014	2015	2016	2017	2018	Future	Total
Austin Fire Department	$2,403,420	$5,624,694	$5,534,000	$2,463,000	$0	$0	$0	$16,025,114
Austin Police Department	$19,145,000	$5,200,000	$6,095,000	$200,000	$0	$0	$0	$30,640,000
Austin Public Library	$9,574,146	$48,078,353	$42,531,668	$27,817,257	$1,225,891	$626,000	$0	$129,853,315
Austin Transportation & Public Works Departments	$284,272,819	$111,961,846	$82,434,159	$44,801,385	$19,165,000	$4,334,000	$3,055,000	$550,024,209
Building Services	$2,528,406	$1,794,468	$2,345,914	$0	$0	$0	$0	$6,668,788
Economic Growth & Redevelopment Services	$22,135,227	$27,593,231	$21,368,610	$1,766,085	$1,131,250	$131,250	$0	$74,125,653
Emergency Medical Services	$3,100,000	$588,000	$3,200,000	$0	$0	$0	$0	$6,888,000
Financial Services	$10,278,313	$96,824	$4,879,992	$0	$0	$0	$0	$15,255,129
Fleet Services	$5,546,518	$1,620,000	$1,633,059	$458,470	$161,160	$0	$0	$9,419,207
Health and Human Services	$16,788,078	$1,598,150	$3,766,600	$880,200	$192,050	$0	$0	$23,225,078
Municipal Court	$9,457,724	$0	$0	$0	$0	$0	$0	$9,457,724
Neighborhood Housing & Community Development	$62,253,062	$275,000	$184,000	$0	$0	$0	$0	$62,712,062
Parks and Recreation	$124,706,751	$48,615,222	$24,781,844	$34,430,570	$24,511,248	$5,068,107	$0	$262,113,742
Planning and Development Review	$39,801,801	$2,992,115	$1,502,000	$1,452,590	$3,873,237	$592,518	$0	$50,214,261
Total Request	**$611,991,265**	**$256,037,903**	**$200,256,846**	**$114,269,557**	**$50,259,836**	**$10,751,875**	**$3,055,000**	**$1,246,622,282**

2013-2014 CIP Spending Plan Summary

Enterprise

Department	Thru Current Year	2014	2015	2016	2017	2018	Future	Total
Austin Convention Center	$12,030,591	$5,864,900	$3,235,000	$155,000	$125,000	$0	$4,266,839	$25,677,330
Austin Resource Recovery	$91,837,469	$22,153,961	$29,235,460	$7,922,698	$12,750,989	$7,065,943	$551,228	$171,517,748
Austin Water Utility	$1,130,905,067	$231,828,913	$200,768,238	$183,419,412	$184,912,145	$169,402,200	$1,977,503,660	$4,078,739,635
Aviation	$122,649,078	$47,855,406	$64,689,330	$50,484,904	$13,577,726	$8,818,333	$9,569,995	$317,644,772
Watershed Protection	$272,467,417	$131,510,000	$57,262,064	$44,519,995	$28,869,067	$64,599,030	$8,306,562	$607,783,493
Total Request	**$1,707,140,586**	**$438,381,560**	**$352,629,859**	**$286,362,009**	**$240,234,927**	**$249,885,506**	**$1,999,563,610**	**$5,274,198,057**

2013-2014 CIP Funded Appropriation Summary

General Government

Department	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total
Austin Fire Department	$1,177,200	$6,435,914	$7,032,000	$780,000	$600,000	$0	$0	$16,025,114
Austin Police Department	$19,145,000	$8,265,000	$3,230,000	$0	$0	$0	$0	$30,640,000
Austin Public Library	$103,813,316	$5,322,000	$17,250,000	$2,065,000	$926,000	$479,000	$0	$129,855,316
Austin Transportation & Public Works Departments	$369,443,902	$69,305,224	$46,491,106	$35,893,000	$5,397,000	$1,837,000	$2,945,000	$531,312,232
Building Services	$4,941,724	$1,727,063	$0	$0	$0	$0	$0	$6,668,787
Economic Growth & Redevelopment Services	$68,477,038	$2,248,615	$3,400,000	$0	$0	$0	$0	$74,125,653
Emergency Medical Services	$3,100,000	$600,000	$3,188,000	$0	$0	$0	$0	$6,888,000
Financial Services	$15,255,130	$0	$0	$0	$0	$0	$0	$15,255,130
Fleet Services	$9,419,206	$0	$0	$0	$0	$0	$0	$9,419,206
Health and Human Services	$16,558,077	$2,632,000	$2,690,000	$1,345,000	$0	$0	$0	$23,225,077
Municipal Court	$23,000,000	$0	$0	$0	$0	$0	$0	$23,000,000
Neighborhood Housing & Community Development	$62,712,076	$0	$0	$0	$0	$0	$0	$62,712,076
Parks and Recreation	$177,341,347	$25,163,398	$19,450,000	$34,595,000	$5,940,000	$0	$0	$262,489,745
Planning and Development Review	$52,820,862	$657,425	$10,320	($1,247,767)	($1,429,308)	$0	($597,269)	$50,214,263
Total Request	**$1,144,191,090**	**$207,339,638**	**$55,805,426**	**$33,192,233**	**$7,357,692**	**$137,000**	**$2,347,731**	**$1,450,370,810**

2013-2014 CIP Funded Appropriation Request Summary

Enterprise

Department	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total
Austin Convention Center	$22,077,329	$3,100,000	$500,000	$0	$0	$0	$0	$25,677,329
Austin Resource Recovery	$96,086,179	$18,496,480	$29,235,460	$7,922,698	$12,750,989	$7,025,943	$0	$171,517,749
Austin Water Utility	$1,320,898,369	$145,782,196	$201,360,292	$159,255,679	$172,870,297	$140,726,798	$1,937,846,052	$4,078,739,683
Aviation	$122,649,078	$47,855,406	$64,689,330	$50,484,904	$13,577,726	$8,818,333	$9,569,995	$317,644,772
Watershed Protection	$432,350,895	$59,737,171	$27,657,427	$28,388,000	$30,000,000	$29,650,000	$0	$607,783,493
Total Request	**$2,165,122,970**	**$288,044,723**	**$283,863,179**	**$224,440,377**	**$223,321,286**	**$182,902,741**	**$1,915,387,260**	**$5,283,082,536**

General Government

Austin Fire Department

Austin Fire Department

Department Overview

The preservation of life and property is the central mission of the Austin Fire Department (AFD). One of the department goals includes: *The Austin Fire Department will support and maintain a safe, healthy, well-trained and high performing workforce.* The safe and functioning workplace is a key component of that goal and a driving force behind the Department's capital improvement program.

The Fire Department proposed Fiscal Year (FY) 2014-2018 Capital Improvement Program (CIP) plan's purpose is to focus on the Department's facilities in three critical areas: Provide service to planned and future annexation areas; new stations to address service gaps within the City limits; and address significant deficiencies in existing facilities housing personnel 24 hours a day, 7 days a week, 365 days a year.

Facilities are prominent in two of the six horizon issues listed in the AFD FY 2012-13 Business Plan. *Issue 3 - Infrastructure* includes discussion of both the Building Condition Study and the Locker Room Project. The Fire Stations proposed for Travis Country and Loop 360 Area are responses to the concerns raised in *Issue 4 Growth and Planning*.

The Fire Department CIP budget is project-specific and responds to identified needs relating to improving firefighter health and safety, maintaining service levels at existing facilities, improving response times in new service areas and maintaining our facilities. The projects are organized into 2 categories: New Facilities and Facility Modifications. **New Facilities** include projects that involve replacements for existing buildings & new buildings that are additions to the inventory. **Facility Modifications** projects involve renovations; major repairs and additions to existing facilities.

Prior Year Accomplishments

Construction on Phase 4 of the Locker Room Project adding women's locker rooms to 7 fire stations (#17 and #28 – 33) was completed this fiscal year at a total cost of $1.2 million. AFD has 45 stations in service. Fifteen fire stations are considered gender-neutral without modifications. The remaining 30 stations are included in the Locker Room Project. Since 2003, AFD has invested more than $4.55 million to make all stations gender neutral. Four of six phases (18 stations) have been completed thus far.

FY 2013-14 Work Plan

New Facilities

Fire Station – Onion Creek: Complete land acquisition and begin design of the Onion Creek Fire Station.

Facility Modifications

Women's Locker Room Additions – Phase 5: Complete design and begin construction of Phase 5 of the Locker Room Project to add women's locker rooms to 6 fire stations.

Shaw Ln Drill Field / Drill Tower Repair & Renovation & Pleasant Valley Drill Tower Repairs & Renovation: Complete a condition assessment of both the Shaw Lane and Pleasant Valley drill towers.

Fire Station Driveway Replacements: Complete replacement of 3 of 7 replacement driveways in this project.

Project Selection and Prioritization Process

AFD CIP projects are identified by needs relating to improving firefighter health and safety, improving response times in the service area, and repairing and renovating our facilities. Prioritization is accomplished by analyzing data outlining the length of time an issue as existed, firefighter safety concerns, frequency of use, response times, and facility function and habitability, among other factors.

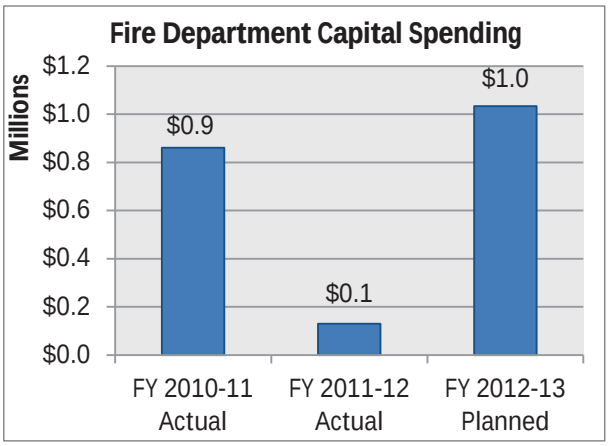
For the Fiscal Year 2014-18 CIP Plan, all projects have been submitted multiple times in the past and are considered urgent. However, these projects are the highest priority: Fire Station - Loop 360 Area; Fire Department Facility Master Plan; Fire Station – Travis Country. All three of these priority project requests are currently unfunded.

Imagine Austin

The Austin Fire Department provides a core public safety service to the citizens of Austin. Its Capital Improvement Program is directed at ensuring that its resources are located to meet the citizens' needs. AFD will continue to protect the citizens of Austin as the city develops according to the priorities and principles set out by Imagine Austin. Investments in a compact and connected Austin will be particularly important as the department plans future station locations and services plans. The AFD CIP Plan also addresses specific policies and actions within the Imagine Austin Plan. All new fire stations will be constructed with EMS quarters and truck room (CFS P29, pg. 163). The Facility Master Plan addresses CFS A14, pg. 250 and CFS A17, pg. 251.

CIP Funding Sources

The Fire Department typically funds CIP projects through General Obligation bonds; Certificates of Obligation and CIP Interest. A history of capital spending for the Fire Department is shown on the chart below. For FY 2010-11, Close-out costs for Fire Station 45 ($469,099) and work on the Locker Room Project Phase 4 ($351,397) were the largest items. Close-out costs for the Locker Room Project Phase 4 ($95,525) and work on the Locker Room Project Phase 5 ($33,387) were the largest charges for FY 2011-12. The 5 AFD projects approved in Proposition 17 of the 2012 Bond Election account for FY 2012-13 planned spending.



Unfunded Capital Needs Requests

New Facilities

Fire Station - Loop 360 Area: A new station to service annexations in the Loop 360 area that will be finalized by December 31, 2015. The annexation service plan and State law requires the City to provide fire protection on January 1, 2016 (the first day annexation is effective). Fire station projects have a minimum three-year timeline from funding to opening. Additionally, the proposed station would provide improved response to the Fire Department's wildfire suppression efforts along the Loop 360 wildland-urban interface. This is one of the department's top three unfunded priorities.

Fire Station - Travis Country: A new station to close a gap in AFD's coverage in the Travis Country area in southwest Austin. Improved response times in this area will require the construction of a station since there is currently no Automatic Aid option. This station has been included in the AFD's forecast since 2001 and is one of the department's top three unfunded priorities.

New Fire Headquarters: The Fire Department has significantly outgrown its current headquarters location on Ed Bluestein Blvd. and is in need of more centrally located facility that will accommodate the current size and expected growth of the Austin Fire Department.

Fire Maintenance, Breathing Air, Warehouse Facility: This project is a new facility that would consolidate the Maintenance & Breathing Air facility at 2011 E. 51st Street with the AFD Warehouse at 4201 Ed Bluestein Blvd. Completion of the Hwy 183 toll road construction from Hwy 290 to Montopolis will require the closure of the delivery driveway for the current AFD warehouse. The warehouse will be rendered inoperable at that time. The 51st street facility is the only source available to maintain and fill breathing air cylinders in City departments. One of the main north-south roads for the new development is designed to pass through approximately one-third of the AFD site rendering it unusable, as the site's current size is too small for AFD operations. Development in the area is expected to lower air quality. There are certain minimum air quality standards that must be met before breathing air can be bottled. The increased vehicle traffic and the attendant air pollution may impact these critical operations.

Facility Modifications

Fire Drill Field Lights: The Bill Roberts Training Facility (4800 Shaw Lane) was opened in 1991 and has been in heavy use for an average of 300 days per year for 21 years. Demand for training time is outstripping the facility's capacity. There is not adequate lighting for nighttime operations on the drill field. The department improvises with a portable generator and vehicle headlights to have lighting on the drill field. Use by the Austin Police Department, Austin Community College, and AFD's academy often runs after dark, especially during the fall and winter hours. Installation of stadium lighting on the drill field will substantially increase the training time available.

Women's Locker Room Additions – Phase 6: A major component of this CIP budget is to support the Council resolution to provide comparable restroom and locker room facilities for both men and women at each AFD station (Resolution No. 20070809-036). AFD has 45 stations in service. Fifteen fire stations are considered gender-neutral without modifications. The remaining 30 stations are included in the Locker Room Project. Since 2000, AFD has invested more than $4.55 million to make all stations gender neutral. These separate facilities have been completed at eighteen stations in Phases 1 - 4 of the project. Phase 5 construction will be completed at six more stations with approval of the additional funding in the 2012 Bond Election. Funding for the Phase 6 (the final six stations) is requested as part of the proposed FY2014-2018 CIP Plan.

Other Needs

Fire Department Facility Master Plan: The City of Austin recently completed a Strategic Facility Assessment which showed that AFD's 25 oldest fire stations are in need of major renovations. The department requests funds to develop a Fire Department Facility Master Plan. The completed master plan will contain location assessments of all AFD stations; recommendations for renovation/rebuild/ relocation of all existing stations; a fire station design manual and 3 Fire/EMS station prototype designs (an inner city floor plan; an urban residential area floor plan and a suburban floor plan). This funding request is one of the department's top three unfunded priorities.

2013-2014 CIP Spending Plan Summary

Austin Fire Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
8258:Fire Drill Field / Drill towers Safety Repair & Renovation	$0	$1,250,000	$754,000	$0	$0	$0	$0	$2,004,000
6025:Fire Station - Onion Creek	$1,500,000	$2,000,000	$4,000,000	$1,863,000	$0	$0	$0	$9,363,000
8178:Fire Stations Driveway Replacements	$600,000	$600,000	$780,000	$600,000	$0	$0	$0	$2,580,000
6064:Women'S Locker Room Additions	$303,420	$1,774,694	$0	$0	$0	$0	$0	$2,078,114
Total	**$2,403,420**	**$5,624,694**	**$5,534,000**	**$2,463,000**	**$0**	**$0**	**$0**	**$16,025,114**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Fire

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
8258:Fire Drill Field / Drill towers Safety Repair & Renovation	$0	$1,435,000	$569,000	$0	$0	$0	$0	$2,004,000	Debt
6025:Fire Station - Onion Creek	$0	$3,500,000	$5,863,000	$0	$0	$0	$0	$9,363,000	Debt
8178:Fire Stations Driveway Replacements	$0	$600,000	$600,000	$780,000	$600,000	$0	$0	$2,580,000	Debt
6064:Women'S Locker Room Additions	$1,177,200	$900,914	$0	$0	$0	$0	$0	$2,078,114	Debt Cash
Total	**$1,177,200**	**$6,435,914**	**$7,032,000**	**$780,000**	**$600,000**	**$0**	**$0**	**$16,025,114**	

DRAFT

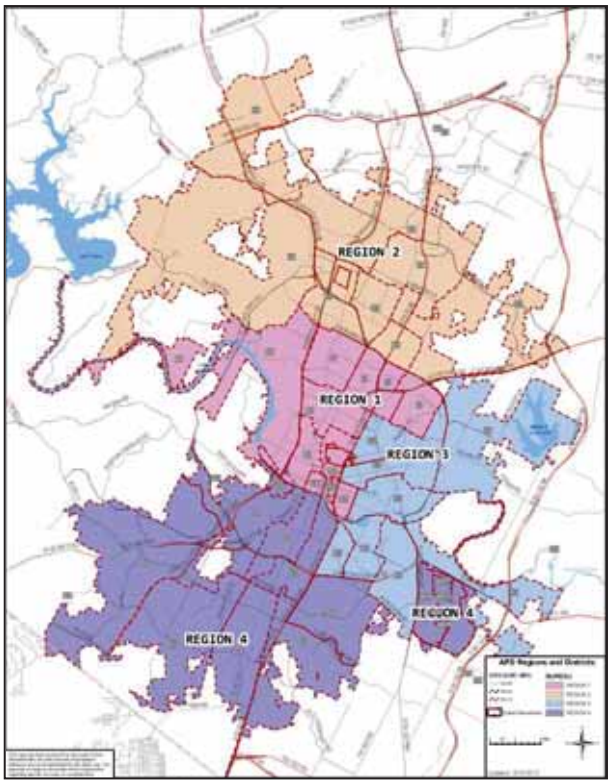
Austin Police Department

Austin Police Department

Department Overview

The Austin Police Department works to keep the community safe and to ensure that residents and visitors feel safe. To that end, the Department focuses on reducing crime (both violent and property), increasing traffic safety, and improving residents' satisfaction with service delivery and perceptions of safety.

APD's Capital Improvements Program (CIP) complements its mission as it takes into account the most optimal way to engage and foster customer-to civil servant relationships, by providing safe environments for employees and customers. The CIP connects with APD's Business Plan by proposing strategically located facilities that will help the Department's effectiveness in reducing violent crime, property crime, and traffic safety.



Prior Year Accomplishments

DVV System - The Digital Vehicular Video System will provide a fully-integrated, solid state system for digital video and audio capture, storage, transfer, and video management and the archival of recorded files for the department. The DVV System project is tracking to reach its completion milestone during the 2nd quarter of 2013. All of the infrastructure and wireless networks have been completed for East, Main, South and North substations. All of the vehicles for the substations have been completed and the project is 80% complete on the entire fleet.

FY 2013-14 Work Plan

The following projects are included in APD's FY13-14 Work Plan:

- Municipal Court & Police Northeast Substation
- Mounted Patrol Facilities – Preliminary Planning, Design Development
- North West Substation – Site Acquisition
- Park Patrol Joint Use Facility – Site Acquisition, Preliminary Planning

The work plan projects are prioritized per APD Executive Staff and funding availability.

Municipal Court & Police Northeast Substation - This project provides facilities for both the Municipal Court and APD Northeast Substation. The two departments have partnered to share a single building to include both shared and separated spaces for each department. The new facility will be located at 7211 North IH-35 Service Road NB, Austin Texas at the corner of St. Johns Ave. in the previous Home Depot retail center. Options are under consideration for the most appropriate use of space to meet City and departmental needs and additional funding options are being explored.

Mounted Patrol Facilities – November 2012 City voters approved Proposition 16 which will fund the Mounted Patrol Facilities Project. The appropriation is designated to construct facilities for the housing, exercising, and training of the unit's horses and to provide basic work accommodations for the officers assigned to the unit.

Park Patrol Joint Use Facility – November 2012 City voters approved Proposition 16 which will provide preliminary funding for the proposed Park Patrol Joint Use Facility.

PR/APD Joint-use Facility: Festival Beach

The project proposes a joint use facility for APD Park Patrol, George Command, and Parks and Recreation Department (PARD) Park Rangers. APD and PARD will take advantage of operational efficiencies by jointly utilizing a facility to provide policing services for the City's central park corridor.

North West Substation – Bonds authorized by Proposition 16 will also fund site acquisition and preliminary planning for a North West Substation.

Project Selection and Prioritization Process

APD's methodology of project selection and prioritization that identified the projects in our CIP Plan was developed by a team of professional services consultants and key senior level departmental personnel. The planning team addressed the interim and long-term space needs of APD. The report which was the end product of that research included:

- Understanding current and future department structure and organization
- Study of Austin demographics, population growth, police service requirements and crime rates
- Examination of current and future policing and staffing needs, and
- Developing a comprehensive accommodation master plan to meet growth and future space requirements

APD's departmental master plan provides planning guidelines on how the department can grow and adapt to meet the changing service needs of the City. Since 2000 progress has been made to bridge the interim and long-term space needs of the department. Notably, the South Substation, (completed 2000) Forensics / Central East Substation (completed 2006) the Public Safety Training Academy (completed 2010), North East Substation (in design) are projects that have either come on-line or under consideration to meet the changing needs of Austin.

APD's CIP Work Plan provides facility support to police operations. The program provides direct support to service delivery and is organized into the following categories:

- Centralized Headquarter Operations
- Off-Site Centralized Operations
- Decentralized Community Based Operations

The criteria necessary to determine the size and location of facilities to support police service delivery is comprehensive. The criterion includes but is not limited to the following;

- Population and Demographics
- Projected Population by Region & Sector (service area)
- Crime Rates & Calls for Service
  - o by region and sector
  - o by call population / ratio
  - o by service load /w conclusions
- Index Crime & Arrest
- Police Service Projections
  - o dispatched calls
  - o police service demands
- Police Staffing
  - o historical growth
  - o staff to population ratios
  - o population and staff growth projections
  - o staffing projections and impacts of annexation
- Centralized v. Decentralized Staffing
  - o Centralized Headquarter Functions
  - o Off-Site Centralized Functions
  - o Region and Sector Functions (service area)
  - o Staffing by Function Unit (example MgC)

- o Assumptions re New Region/Sector (proposal)
- o Support Charts / Graphs (current and forecast)

- Space Standards & Design Criteria
  - o Private Offices / Shared Offices / Workstations / Resource Areas
  - o Security & Access Control / Materials /Acoustic Privacy / Visual Privacy
  - o Voice / Data / Power / Lighting Services and Controls
  - o Grossing Factors – Net / Usable / Gross Floor Areas
- Site Selection – Process and Criteria
  - o Site Location Criteria (centralized /off-site centralized / decentralized)
  - o Site Characteristics
  - o Development or Approval Restrictions
  - o Comparative Evaluation Criteria
  - o Surplus Site Area
  - o Existing Structures
  - o Site Security
  - o Site Evaluation and Scoring
- Implementation – Summary & Schedule

Imagine Austin

APD planning goals and objectives are aligned with Imagine Austin Public Safety Policies and Priority Programs and Actions. For example, APD's community based policing policy proactively engage and foster customer-to civil servant relationships and provide safe environments for employees and customers. Several of Imagine Austin Public Safety Policies are actively employed by the department.

In addition Imagine Austin's encouragement of community outreach and increasing the use of shared facilities is employed at all of APD's centralized and de-centralized facilities. APD policies recognize that police buildings are civic facilities and can be one of the most important structures in any given community.

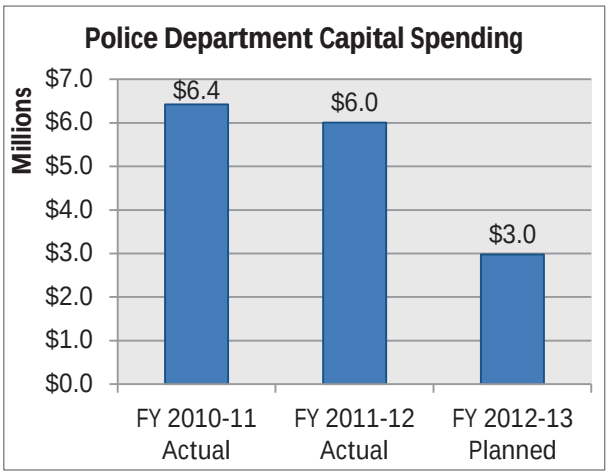
Communities with civic spaces benefit from a strong sense of community. They foster frequent and meaningful contact with the public and are a source of civic pride. Police public contact and interaction help to build partnerships from which crime and the fear of crime can be reduced.

In addition to the above, APD has embarked on the use of Joint use facilities or shared "public safety infrastructure" between public safety and other city service providers to provide residents with efficient services. Recent examples are the Public Safety Training Academy, the North East Substation Municipal Court Facility, and the Park Police / PARD Joint Use Facility.

CIP Funding Sources

The funding source typically utilized by APD for CIP projects is General Obligation (GO) Bonds. For example the funding sources for several departmental projects in FY2013-14 Work Plan are funded 2006 and 2012 GO Bonds.

The chart below shows APD's actual spending for FY 2010-11 and FY 2011-12, and FY2012-13 planned.



Unfunded Capital Needs Requests

APD unfunded facility capital needs are buildings currently not in the City's inventory. The facilities directly support efficient and effective city-wide police operations, service delivery, and foster customer to civil-service relationships.

The Unfunded Capital Needs Projects are identifies as follows:

Police HQ Facility: APD is requesting funding to program / design / construct a new centralized Police H.Q. facility with secured and customer parking. It is anticipated that the existing Police H.Q. Building and site will be demolished and re-purposed per the key principals of the City's Tax Increment Financing Reinvestment Zone No. 17 (Waller Creek Project) and development standards in the Waller Creek District Master Plan. Opportunities to provide joint-use "centralized public-safety" infrastructure with the City's other first-responders will be explored.

Central-West Region I Substation: APD is requesting funding to program / design / construct a new decentralized facility in the Baker / Charlie geographical patrol area that it serves. It is anticipated that the existing H.Q. Patrol Building and site will be demolished and re-purposed per the key principals of the City's Tax Increment Financing (TIF) Reinvestment Zone No. 17 (Waller Creek Project) and development standards in the Waller Creek District Master Plan.

The proposed facility would incorporate community outreach and involvement with the public and where possible feature joint-use "de-centralized public safety" infrastructure with the City's other first-responders.

SW Region IV Substation: APD is requesting funding to program / design / construct a new decentralized police support facility in the David geographical patrol area that it serves. The support facility will eliminate overcrowding at the East Substation, impact response time to critical calls for service, and foster customer to civil-service relationships in the David sector. The proposed facility would incorporate community outreach and involvement with the public and where possible feature joint-use "de-centralized public safety" infrastructure with the City's other first-responders.

Air Operations Facility: APD is requesting funding to program / design / construct a new decentralized police support facility at Bergstrom International Airport to support operations for the departments high tech fast response vehicles (three-rotary and one-fixed winged aircraft). The proposed facility would incorporate community outreach and involvement with the public and where possible feature joint-use "de-centralized public safety" infrastructure with the City's other first-responders.

APD Facility Master Plan Update: APD is requesting funding to update the Department's Space Needs Assessment and Facilities Master Plan (see APD FY2013-14 CIP Work Plan for planning criteria). The design year of the current Facilities Master Plan is 2010. The master plan update will align the 2000 - 2010 study with the City's Strategic Master Plan and Logistics Road Map. The City's Strategic Master Plan and Logistical Road Map provide a planning framework within the City to the year 2025.

The Facility Master Plan Update would include a transportation analysis. This analysis would assist in quantifying impacts to sustainability goals and offer insight into solutions that will assist in meeting the City's Climate Protection Program (DCPP) resolutions and objectives.

2013-2014 CIP Spending Plan Summary

Austin Police Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
8943:Air Operations	$3,745,000	$0	$0	$0	$0	$0	$0	$3,745,000
9063:Apd Digital Vehicular Video System	$15,400,000	$0	$0	$0	$0	$0	$0	$15,400,000
6618:Mounted Patrol Facility	$0	$1,000,000	$2,665,000	$0	$0	$0	$0	$3,665,000
9544:Park Patrol / Park Rangers Joint use	$0	$200,000	$1,600,000	$200,000	$0	$0	$0	$2,000,000
9503:Substation Region 2; Adam Sector	$0	$4,000,000	$1,830,000	$0	$0	$0	$0	$5,830,000
Total	**$19,145,000**	**$5,200,000**	**$6,095,000**	**$200,000**	**$0**	**$0**	**$0**	**$30,640,000**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Police

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
8943:Air Operations	$3,745,000	$0	$0	$0	$0	$0	$0	$3,745,000	Debt
9063:Apd Digital Vehicular Video System	$15,400,000	$0	$0	$0	$0	$0	$0	$15,400,000	Debt
6618:Mounted Patrol Facility	$0	$3,665,000	$0	$0	$0	$0	$0	$3,665,000	Debt
9544:Park Patrol / Park Rangers Joint use Facility	$0	$600,000	$1,400,000	$0	$0	$0	$0	$2,000,000	Debt
9503:Substation Region 2; Adam Sector	$0	$4,000,000	$1,830,000	$0	$0	$0	$0	$5,830,000	Debt
Total	**$19,145,000**	**$8,265,000**	**$3,230,000**	**$0**	**$0**	**$0**	**$0**	**$30,640,000**	

DRAFT

Austin Public Library

Austin Public Library

Department Overview

The mission of the Austin Public Library is to provide a wide range of information and services designed to enrich the lives of all members of the community. The Capital Improvements Program (CIP) of the Austin Public Library supports the department mission by ensuring that the community may access library information services for all ages through state-of-the-art technology in a conveniently located, safe and attractive, physical environment. Thanks in large part to a strong Capital Improvements Program, the Austin Public Library is proving to be a major contributor to making Austin both a dynamic and creative center, as well as the most livable city in the country.

The annual Business Plan of the Austin Public Library molds the departmental Capital Improvements Program. During the Business Planning process, the Library Management Team assesses operational and performance results, examines existing services and performance gaps, while reviewing the issues and trends that affected the Department during the preceding year as well as those anticipated in future years. This stringent evaluation process is necessary in order to closely align departmental support with Imagine Austin, the City's comprehensive plan for the future. Once potential areas for performance improvement are identified in the Austin Public Library Business Plan, the department's CIP process explores opportunities for innovative ways to close those gaps in delivering quality library services to the community.

Currently, the Austin Public Library is facing significant challenges in keeping its buildings repaired, retrofitted with new equipment as required, and maintained. The department's Fiscal Year (FY) 2013-14 CIP work plan strives specifically to improve this situation by upgrading the collection security and tracking system to RFID (Radio Frequency Identification) technology while carrying out a number of critical building renovation projects funded by the 2012 General Obligation (GO) Bond Election.

The Austin Public Library's CIP is organized into two basic categories of projects. The first category is **New and Expanded Facilities**, and these projects are consistently funded by means of GO bond programs. The second category is **Facility Renovations**, the necessary refurbishing of buildings assigned to the departmental inventory of property. These infrastructure renewal projects, which include major equipment retrofits, are at the present partially funded through the 2012 Bond Program but have historically been accomplished by means of funding from two other sources: General Fund Transfers and CIP Interest.

Prior Year Accomplishments

New and Expanded Facilities

During FY 2012-13, the CIP of the Austin Public Library focused on one primary building project, the *New Central Library Project*.

On September 27, 2012, the plans and elevation drawings created by the project's Design Development Phase (60% Complete Design) were presented to the Austin City Council. The response of the Council was entirely favorable to the New Central Library Design Development approach, which features highly sustainable building elements and incorporates Austin's unique natural beauty by means of a bicycle porch, outdoor reading porches and a rooftop garden. Following the Council briefing, the New Central Library Project proceeded into the final stage of architectural development, the Construction Document Phase. It is anticipated that Council's approval will be sought in spring 2013 for the Construction Cost Limitation, the maximum monetary amount payable to the Construction Manager-at Risk for all Construction Phase Services, materials and labor required to complete the work defined in the Contract Documents. A Groundbreaking Ceremony will be planned by the Austin Public Library and conducted at the site. The Construction Document Phase (100% Complete Design Package Delivered) will be finished in summer 2012 and construction should be well underway before the end of the calendar year. The Grand Opening of the New Central Library is expected to be celebrated during the spring of 2016.

New Central Library

Facility Renovations

During FY 2012-13, the Austin Public Library completed two, much-needed infrastructure renewal projects while making significant strides towards completing two other such projects now in progress.

On November 21, 2012, the Construction Phase of the *Austin History Center Wastewater Line Retrofit Project* reached completion, successfully replacing a sanitary sewer installed during the 1933 construction of Austin's original central library building. This aged conduit subsequently collapsed under the weight of the parking lot, necessitating the pipeline's entire deconstruction and replacement.

Austin History Center Wastewater Line Retrofit

The *Faulk Central Library/Austin History Center Chiller and Cooling Tower Retrofit Project*, completed on December 30, 2012, provided a 30% more efficient mechanical system for the Austin Public Library's main campus. The Faulk Central Library mechanical room was also upgraded to meet current building code standards through the addition of the fresh air duct and ventilation fan required to supply high volume air flow to the area in the event of a refrigerant leak.

Faulk Central Library/ Austin History Center Chiller/ Cooling Tower Retrofit

Faulk Central Library/ Austin History Center Chiller/ Cooling Tower Retrofit

Appropriations to the Austin Public Library CIP in FY 2012-13 enabled the further development of two other infrastructure improvement projects underway at buildings assigned to the department's inventory of properties. First, the *Exterior Security Camera Installation Project* enhanced public safety and property protection by providing exterior day/night security camera protection at nine branch libraries evaluated as the most at-risk locations for the department. A scope of work has been established for the twelve remaining branch libraries, and Council's authorization will be sought for the additional spending authority needed to complete the project. Secondly, the Construction Documents for the *Faulk Central Library Boilers and Flue Retrofit Project*, which will replace the obsolete furnaces and failing flue at Austin's existing central library, have been made approximately 90% complete at this time.

Vandalized Ruiz Branch and Exterior Security Cameras Installation

Faulk Central Library Boilers and Flue Retrofit

FY 2013-14 CIP Work Plan

New and Expanded Facilities

Continuing to make good progress with the *New Central Library Project* will once again be the chief objective of the Austin Public Library's CIP work plan for FY 2013-14. The Preconstruction Conference for the building, often called the Construction Kick-off Meeting, is scheduled to take place in fall 2013, with the effective date of Notice to Proceed with Construction to follow. While the building is being constructed, staff and consultants will proceed with the essential task of providing furniture, fixtures and equipment (FF&E) for the new facility by completing specifications, advertising for bids and awarding contracts so that the manufacture of all these items may be initiated. Substantial completion of construction is expected by the end of 2015, which will allow the Austin Public Library to begin moving furniture and equipment, along with collections, into the finished building.

Facility Renovations

Several pressing renovation projects, funded through the 2012 Bond Program, will be included in the FY 2013-14 CIP work plan of the Austin Public Library:

- The *University Hill Branch Library Parking Lot Expansion Project* will correct vehicular and pedestrian safety hazards at this increasingly popular East Austin community library.
- The *Pleasant Hill Branch Library Roof Replacement & HVAC Upgrade Project* will prevent water penetration and restore interior climate control for this important South Austin library.
- The *Milwood Branch Library Renovation Project* will repair failed infrastructure and replace worn finishes, furniture and equipment at this heavily used library serving the Northwest quadrant of the City.

The presently unfunded but needed *RFID Installation for Branch Libraries Project* is proposed for inclusion in the CIP work plan of the Austin Public Library for FY Year 2013-14. The project will upgrade obsolete electromagnetic–based collection security and tracking equipment throughout the departmental inventory of properties to match the RFID (Radio Frequency Identification) technology currently used at the newest branches and planned for the New Central Library.

University Hills Branch Library

Pleasant Hill Branch Library

Milwood Branch Library

Project Selection and Prioritization Process

Throughout the year, the Austin Public Library evaluates the success of completed projects in meeting customer expectations while identifying the need for new projects based on staff feedback, requests from citizens and the input of the department's appointed advisory board, the Austin Public Library Commission. Once the draft CIP Plan, with proposed projects in priority order, has been agreed upon by staff members, the Austin Public Library presents the document to the Library Commission for final vetting prior to submittal.

The criteria utilized by the Austin Public Library in prioritizing its proposed CIP projects include supporting the Imagine Austin Comprehensive Plan, addressing

urgent needs, protecting public safety, avoiding infrastructure failure, complying with recommendations of the Austin Public Library System Facilities Master Plan, following Council directives, and carrying out departmental business priorities and policies.

Imagine Austin

The Austin Public Library's CIP is significantly contributing to the implementation of a number of Imagine Austin priority programs and actions at the present. The Department's largest and most important project, the *New Central Library*, helps to implement Imagine Austin Priority # 3 "Continue to grow Austin's by investing in our workforce, education systems, entrepreneurs and local businesses", as "Provide a Landmark Central Library" is the first recommendation of the Library Facilities Master Plan, a related City Initiative under Imagine Austin Priority Program #3. The New Central Library, upon completion, will also implement Imagine Austin Priority Program # 5 "Grow and invest in Austin's Creative Economy" by greatly expanding library access for the vibrant, local creative community. Moreover, as the project's site is located in Downtown Austin, it falls well within an Imagine Austin Regional Activity Center, where an increased concentration of people, jobs, businesses and services is preferred.

All three **Facility Renovations** projects, funded by the 2012 Bond Program and scheduled to be initiated in FY 2013-2014 (*University Hills Branch Library Parking Lot Expansion, Pleasant Hill Branch Library Roof Replacement & HVAC Upgrade,* and *Milwood Branch Library Renovation*) will likewise assist in implementing Imagine Austin Priority Program # 3 " Continue to grow Austin's economy by investing in our workforce, education systems, entrepreneurs and local businesses" as those projects are identified as necessary improvements in the Library Facilities Master Plan, a related City Initiative for this specific Imagine Austin Priority Program. The *University Hills Branch Library Parking Lot Expansion* will support Imagine Austin Priority Program #4 "Grow and Invest in Austin's Creative Economy" by expanding library access for the community. Both the *University Hills Branch Library Parking Lot Expansion* as well as the *Pleasant Hill Branch Library Roof Replacement & HVAC Upgrade* will take place on Imagine Austin Activity Corridors, where an increased density of people, jobs, businesses and services are encouraged.

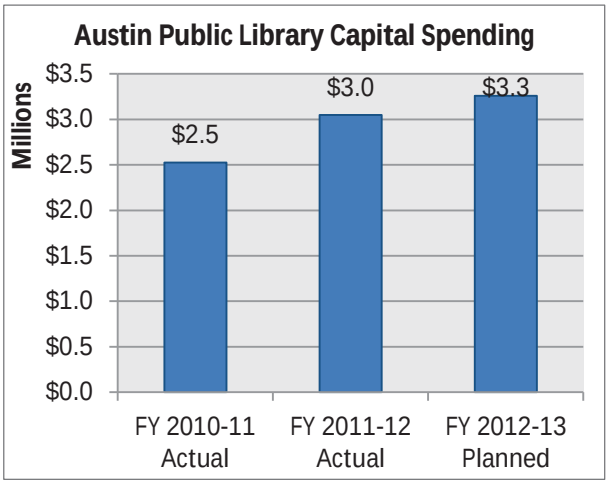
CIP Funding Sources

The funding sources normally utilized by the Austin Public Library for CIP projects are:

- General Obligation Bonds
- Transfers from operating funds and other sources

In the past, Library Department CIP projects have also been funded by other means of debt issuance such as Contractual Obligations and Certificates of Obligation. In FY 2013-14, Library CIP projects will primarily rely on General Obligation Bonds for funding purposes.

A three year history of actual and planned capital spending by the Austin Public Library, and a brief description of what drove spending in each year is provided below.



FY 2010-11

The New Central Library Project as it progressed through the Schematic Design Phase was the principal cost driver for FY 2010-11.

View from Caesar Chavez

View from 2nd Street

View West Austin Approach

Atrium

Reading Porch

Stair Landing

FY 2011-12

The New Central Library Project was again the principal cost driver in FY 2011-12 as it moved through Design Development into the Construction Document Phase.

FY 2012-13

As the Construction Document Phase is completed for the New Central Library and preliminary site work is initiated, the project will continue to drive capital spending for the Austin Public Library.

New Central Library Construction Site

Unfunded Capital Needs Requests

In order to provide adequate library services to the community, the Austin Public Library requests the following facility improvement projects be awarded funding appropriations.

RFID Installation Project: The Austin Public Library, like most major urban library systems across the country, is in the process of converting its collection management/security system from an electromagnetic based system to more efficient Radio Frequency Identification (RFID) technology. RFID technology reduces the number of staff hours required to check-in, check out and search for collection items, while RFID self-check units have proven to be far easier for customers to use. RFID systems also help reduce wear and tear on library materials. The new North Village and Twin Oaks branch libraries are both equipped with RFID systems, as the New Central Library will be upon opening. For seamless management and tracking of the collections, all library locations need to function with the same technology. This project is an Urgent Need and a Business Priority of the Austin Public Library. As it will provide tangible improvement to service delivery and access, while increasing the operational efficiency of infrastructure, it meets Cost Impact criteria for

producing financial savings for the City. The Department plans to upgrade the equipment at 20 library branches to RFID technology.

Existing Electromagnetic Gates

North Village New RFID System

Twin Oak New RFID System

Carver Branch Library Roof Replacement: To better support its extensive photovoltaic (solar panel) array and prevent water penetration of the building envelope, the Carver Branch Library will need to be reroofed. The roof has been repaired, but the warranty on those repairs will have expired by 2014, necessitating roof replacement construction for this thirty-five year old East Austin institution. The project would address the following CIP priorities: Urgent Need, Planning Priority, Dept. Business Priority, Sustainability and Cost Impact.

Carver Branch Roof

Yarborough Branch Library Roof Replacement: The roof of the Yarborough Branch Library has suffered extensively from hail damage and other heavy weather conditions over the last several years. All roof warranty will have expired by FY 2015-16, and roof replacement has been scheduled to coincide with the *Yarborough Branch Library Renovation Project*, improvements funded by the 2012 Bond Program. Carrying out both projects simultaneously will require that the popular Yarborough Branch Library only be closed once to the public in order to allow construction work to safely proceed. This infrastructure renewal project would address the following CIP priorities: Urgent Need, Planning Priority, Dept. Business Priority, Sustainability and Cost Impact.

Yarborough Roof

Library Furniture, Fixtures and Equipment Upgrades: By FY 2016-17, funding will be required to upgrade worn-out furniture, fixtures and equipment throughout the Austin Public Library inventory of facilities to improve ADA (Americans with Disabilities Act) accessibility and ergonomic features. This project is anticipated to address the CIP priorities of Urgent Need and Dept. Business Priority.

The Austin Public Library anticipates an important CIP horizon issue:

Austin History Center Expansion into the Faulk Central Library: As the archives of the City of Austin have completely outgrown the storage capacity of the Austin History Center, the Austin City Council has directed staff, by means of Resolution 20080424-065, to renovate the Faulk Central Library to serve as additional archival repository and display space after the New Central Library opens to the public. Museum quality interior climate control and architectural modifications may need to be provided at the Faulk Central Library before the building can be repurposed for this use. The Austin Public Library is cognizant this project will need to wait for the next bond cycle to secure appropriate funding levels, and that many issues must be worked out before we make an actual funding request, but we feel it is an important horizon issue to identify for the CIP plan. The project is expected to address the following CIP priorities: Urgent Need, Planning Priority, Council Priority, Business Priority, Sustainability Priority and Cost Impact.

2013-2014 CIP Spending Plan Summary

Austin Public Library

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6014:Building Improvements - Library	$1,436,054	$3,276,730	$819,000	$2,406,000	$1,225,891	$626,000	$0	$9,789,675
7235:New Central Library	$8,138,092	$44,801,623	$41,712,668	$25,411,257	$0	$0	$0	$120,063,640
Total	**$9,574,146**	**$48,078,353**	**$42,531,668**	**$27,817,257**	**$1,225,891**	**$626,000**	**$0**	**$129,853,315**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Austin Public Library

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6014: Building Improvements - Library	$1,749,676	$3,322,000	$1,250,000	$2,065,000	$926,000	$479,000	$0	$9,791,676	Debt Cash
7235: New Central Library	$102,063,640	$2,000,000	$16,000,000	$0	$0	$0	$0	$120,063,640	Other
Total	**$103,813,316**	**$5,322,000**	**$17,250,000**	**$2,065,000**	**$926,000**	**$479,000**	**$0**	**$129,855,316**	

Austin Transportation

and

Public Works Departments

Austin Transportation Department

Department Overview

The Austin Transportation Department (ATD) is responsible for general mobility, including the planning, operation and management of the Austin transportation system. The organizational mission of the Austin Transportation Department is to deliver a safe, reliable and sustainable transportation system that enhances the environment and economic strength of the Austin region. In order to attain ATD's mission and continual success, the Department will focus on being:

- Strategic
- Multi-modal
- Operations-minded
- Regionally engaged
- Publicly transparent

The ATD Capital Improvements Program (CIP) seeks to meet the multimodal mobility needs of the community to relieve traffic congestion, improve citizen mobility and parking, reduce the number of vehicle miles traveled within the city, expand the use of alternative fuel vehicles, and address environmental and energy related issues caused by transportation. In coordination with other City of Austin departments, ATD seeks to maximize the efficiency of the current network, equitably manage travel needs and operations, and plan for a future that provides greater mobility opportunities.

The ATD Capital Improvement Program focuses on core areas of multimodal mobility by addressing issues related to:

- **Regional Mobility Improvements**
- **Arterial Congestion and Crash Risk Mitigation**
- **Corridor Mobility Improvements**

Prior Year Accomplishments

In Fiscal Year (FY) 2012-13, many projects stemming from the 2010 Mobility Bond Program were continued, completed and accelerated. Examples of ATD's prior year accomplishments include:

Regional Mobility Improvements

MoPac/290 Flyover (Loop 1 Improvements): The construction of these two flyovers was a joint project between the City of Austin and the Texas Department of Transportation (TxDOT) that will help improve mobility and transit reliability in the corridor. The project provides direct connections from northbound MoPac (Loop 1) to eastbound Hwy. 290/71 and from westbound Hwy. 290/71 to southbound MoPac. Construction of the direct connections was completed in early FY 2012-13. The flyovers eliminate the need for drivers to travel through the traffic signals, resulting in significant reductions in congestion, fuel consumption and air pollution.

Oak Hill "Y" Projects (US 71/290 Highway Improvements): The City invested in TxDOT projects at Oak Hill "Y" consisting of design and construction of interim improvements to the "Y" and construction of a modified continuous flow intersection at US290 and SH71.

FM973 at SH71: The need for improvements on FM973 necessitated the acquisition of certain right of way. ATD in coordination with TxDOT purchased real estate at FM973 from Harold Green Drive to 0.5 miles South of SH71.

Arterial Congestion and Crash Risk Mitigation

Pedestrian Hybrid Beacons (PHBs): PHBs are pedestrian-activated signals that require motorists to stop at mid-block or non-signalized intersection locations to facilitate pedestrians crossing the roadway. This is part of the Traffic Signals Program. The work program for FY 2012-13 included installing the following PHBs:

- Riverside Dr. west of Pleasant Valley Rd. (Serving transit stops)
- Red River St. near the Frank Erwin Center (2 PHBs)
- S. 1st St north of Herndon Ln.
- Manchaca Rd. at Prather
- Lamar Blvd at 31st St.

Accessible Pedestrian Signals (APS):
APSs communicate information about the WALK and DON'T WALK intervals at signalized intersections in non-visual formats (i.e., audible tones and vibrotactile surfaces) to pedestrians who are blind or have low vision. This is part of the Traffic Signals program. The work program for FY 2012-13 included installing nearly 50 APSs including the following signals:

- Congress Ave. at St. Elmo Rd.
- Lamar Blvd. at Barton Skyway
- Lamar Blvd. at Brodie Oaks Shopping Center
- Lamar Blvd. at Panther Trl.

Dynamic Message Sign (DMS):
ATD completed deployment of 13 DMSs along the City's arterial streets prior to FY2012-13. This is part of the Traffic Signals Program. These signs notify travelers about conditions ahead that they will either encounter on their current trip or within the next few days (e.g., upcoming construction lane closure). ATD is currently providing advance notification of special event lane closures (e.g., Capitol 10K) on these signs.

Local Area Traffic Management:
The Local Area Traffic Management (LATM) program is a request-based program to address speeding and cut-through traffic in Austin neighborhoods. ATD has accepted 204 requests for speeding mitigation since January 2012. Requests are evaluated and identified for funding and construction biannually. Thirteen requests have been identified for funding and construction from the first funding round. Six neighborhoods progressing through previous Neighborhood Traffic Calming programs are a part of the LATM effort. Of these, 2 neighborhoods (Crestview and Park at Quail Creek) are substantially complete, three neighborhoods are in the design stages and the sixth remaining neighborhood is in the neighborhood association approval process which is necessary to proceed into the design stage.

Corridor Mobility Improvements

South Congress Improvement Project:
ATD in coordination and cross collaboration with city departments, Capital Metro and community stakeholders successfully completed improvements on South Congress Avenue to increase mobility, accessibility and safety. Changes implemented by ATD included re-timing traffic signals to improve traffic flow and enhance cycling safety and experience, installing Pedestrian Hybrid Beacons at crosswalks for enhanced pedestrian safety and implementing innovative back-in angle parking to improve driver visibility and increased parking capacity.

FY 2013-14 Work Plan

In FY 2013-14, many projects stemming from both the 2010 and the 2012 bond programs will be continued, completed or in the beginning stages of design and initial review. Example projects include:

Regional Mobility Improvements

IH-35 Capital Corridor Improvement Project: The Capital Corridor Improvement Project is a partnership with the Texas Department of Transportation (TxDOT) and other transportation agencies to identify near-term strategies to improve IH-35 throughout the metropolitan area. The Imagine Austin Growth Concept Map identifies IH-35 as a High Capacity Transit Corridor. The Capital Corridor Improvement Project will help identify solutions to implement the goals of the comprehensive plan. Strategic Planning will continue to play a critical role in the partnership project.

MoPac Access and Corridor Improvement Project: ATD is partnering with other transportation agencies to address traffic flow and safety by providing connectivity for the Pressler Street extension. The purpose of the Pressler Street project is to connect Pressler Street from 5th Street to W. Cesar Chavez Street by connecting it via a modern roundabout. Improvements will include: a connection to the proposed managed lanes on MoPac, vehicle and bus connections between 5th Street and W.

Cesar Chavez Street, potential for development and partnership with developers for parking solutions, better access to the baseball fields on W. Cesar Chavez Street, and the creation of a railroad quiet zone. Currently the project is in the schematic phase.

Arterial Congestion and Crash Risk Mitigation

Advanced Transportation Management System (ATMS): ATD's ATMS project will replace the existing central control software for the City's traffic signal and traffic camera system which was installed in 1999/2000. The new ATMS will provide monitoring and management of numerous devices including traffic control signals, dynamic message signs (DMS), CCTV cameras, traffic detection systems, travel time monitoring equipment and GPS-enabled priority signal operation for emergency vehicles and for buses along Capital Metro's planned MetroRapid routes. It will also include a web page to provide information to the public about traffic conditions, roadway closures, incidents, and events. This is part of the Traffic Signals Program.

Wireless School Flasher System: A new system is being installed to control the number of school speed zone beacons located throughout the city. This system communicates between the Traffic Management Center (TMC) and the field equipment using spread spectrum radios. It will provide the ability to upload and download programming information to each flasher as well as check the status of each flasher in real time from the Traffic Management Center (TMC). This is part of the Traffic Signals Program.

Bus Rapid Transit: Transit supports a compact, connected city and other Core Principles for Action of Imagine Austin. ATD is working collaboratively with Capital Metro to enhance transit in the region. One such collaboration is occurring on the first MetroRapid bus lines in Austin. Specifically, ATD is enabling the buses to "talk" to the signals and extend the green signal a few seconds to allow the bus to make it through the signal. System testing is underway with opening day service planned in early 2014. This is part of the Traffic Signals Program.

Intersection Improvements: ATD proactively implements intersection improvements at various locations citywide to improve traffic flow and safety.

Rough Proportionality: The City of Austin is partnering with Travis County to develop a methodology to preserve transportation corridors through equitable right-of-way acquisition. The City of Austin and Travis County intend to develop a rough proportionality method to comply with Local Government Code, Section 212.904 (as amended, 2005) consistent with the goals and objectives of the City and County. The methodology development is part of ATD's Corridor Preservation program. The Interlocal Agreement between the City and County was signed on August 8, 2011. The consultant delivered the draft method in September 2012 for internal review and the City and County legal representatives are currently reviewing the document. After the draft is revised, it will be publically vetted and presented to Boards and Commissions before Council consideration in summer of 2013.

Railroad Quiet Zones: Railroad quiet zones will allow for the restricted use of train horns at at-grade railroad crossings through the implementation of certain safety upgrades. This will allow for an improved quality of life for nearby residents as well as improved safety for the traveling public. ATD is currently in process of implementing the South Austin Quiet Zone at five public at-grade crossings of the Union Pacific Railroad (UPRR).

Continued Implementation of Local Area Traffic Management (LATM), Pedestrian Hybrid Beacons, Accessible Pedestrian Signals Programs, and Dynamic Message Signs: In FY 2013-14, ATD will continue to implement the LATM, PHB, APS, and DMS programs as described in the prior year accomplishments section.

Corridor Mobility Improvements

Corridor Development Programs: Draft preliminary engineering reports are currently being reviewed for the North Lamar/North Burnet, the Riverside Drive, the Airport Boulevard, and the MLK/ FM 969 corridors. Funding from the 2010 bond allocated money to study and identify short-, medium-, and long-term transportation improvements to improve safety; increase mobility and accessibility for pedestrians, bicycles, transit users and motorists, and improve quality of life for communities adjacent to these corridors. ATD anticipates the completion of draft preliminary engineering reports for all four corridors in FY 2013-14.

Funding through the 2012 bond for implementation of a portion of these corridor projects includes $15 million for North Lamar Boulevard and Burnet Road and $1 million for Riverside Drive. The 2012 bond program also includes funding for E. 51st Street improvements in line with the E. 51st Street vision plan, and preliminary engineering for the South Lamar Corridor and Congress Avenue. Future funding for additional corridor development program preliminary engineering and implementation is subject to future bond programs or other funding opportunities.

Project Selection and Prioritization Process

Projects identified for funding and implementation in FYI 2012-13 and moving into FY 2013-14 were prioritized using a process developed by ATD in preparation of the Strategic Mobility Plan. The formal process for implementing project selection and prioritization process is a multi-tiered progression that starts at the beginning of the fiscal year with potential project identification with Executive Staff to project design and funding implementation based on a needs assessments analysis that aligns with ATD's mission and goals. The process identifies a range of key measures of effectiveness (MOE) and criteria against which all proposed projects are ranked. The process assures that the projects recommended for inclusion in ATD's capital program are sustainable and of high recommended benefit to the traveling public.

The Austin Strategic Mobility Plan is the City's effort for a fresh approach to looking at walking, biking, transit, and driving to solve the transportation challenges that affect Austin residents. To do this, the city is working with regional partners to invest in projects that enhance driving capacity around the region's central core, allowing motorists not destined for the city center to bypass it. Simultaneously, planners are developing projects and policies, such as Urban Rail and the Downtown Austin Plan, that increase people-moving capacity into the central core, primarily focused on commuter trips.

Imagine Austin

The Transportation Department, since its inception in 2009, has consistently operated a plan that predates, but aligns with, the Imagine Austin goals within its sphere of operation and Imagine Austin priority programs within its sphere of operation.

Notably, it is expected that the Austin Transportation Department will increasingly play a crucial and leading role – in concert with city departments, regional stakeholders and governmental partners at the direction of City Council – to implement the priority program to "Invest in a compact and connected city," which participants in the Imagine Austin Prioritization Survey ranked as their No. 1 priority.
Specifically, the Transportation Department's plan is introducing solutions, aligned with many of the Imagine Austin goals and priorities, on two different fronts:

1. Travel through the region, and;
2. Accessing the employment hub within the city center, Capitol and University.

The Department's business plan, like the Imagine Austin Comprehensive Plan, strives to advance broad goals for the sustainable development of the region. It fundamentally considers the interrelationships between transportation infrastructure and development patterns, as well as mobility choices and behaviors. In addition, the Transportation Department has increasingly taken a leading role in planning and managing the high-profile special events that are transforming the city's urban grid and roads into a global stage in a manner reflecting the Imagine Austin goals and priorities.

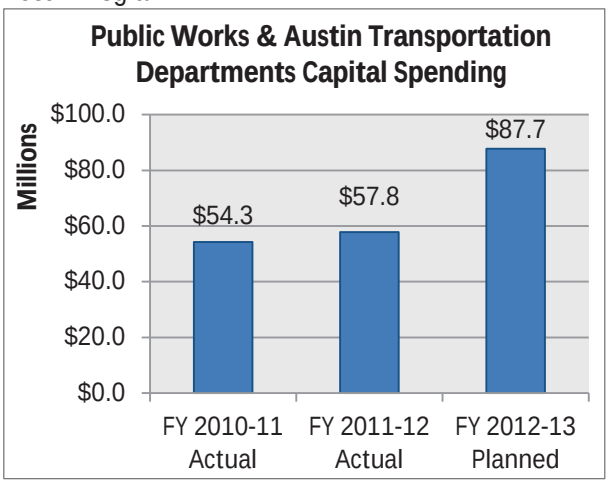
Connectivity, multimodal, safer, collaborative are common transportation themes throughout Imagine Austin. This is indicative of the value the community places on transportation and how it influences daily lives. Whether walking, biking, riding transit or driving, ATD's job is to get you where you are going safely, timely and reliably. Given the nature of ATD's services, a few of Imagine Austin's Core Principles for Action that the Department aligns more closely with are:

- Grow as a compact, connected city
- Develop an affordable and healthy community

- Sustainably manage water, energy and other natural resources
- Think creatively and work together

CIP Funding Sources

Funding for ATD's Capital Improvement projects have come primarily from general obligation bonds and transfers from ATD's operating funds. Prior year funding authorizations including general obligation bonds from 2012, 2010 and 2006 will be deployed during FY 2013-14. Supplementary funding sources also include Federal and State grant funds, funds from the Surface Transportation Program and Metropolitan Mobility (STPMM), and the Capital Metro Build Greater Austin Program.



* Note: Because ATD and Public Works Departments were formerly one department, their CIP financial data is presented together in this CIP Plan.

Unfunded Capital Needs Requests

With the Austin Transportation Department's mission to deliver a safe, reliable, and sustainable transportation system that enhances the environment and economic strength of the region, the Austin Transportation Department's Capital Improvements Program is not able to fully fund all of its project needs due to financial constraints and increasing demand. Projected unfunded requests include:

Combined Transportation Management Center: ATD envisions relocating the City's Traffic Management Center (TMC) to a new, regional combined TMC at CTECC within the next five years with no initial spending anticipated in FY 2013-14. This would co-locate the region's primary transportation system operators in one facility which leads to improved coordination, especially for regional management of an integrated transportation system in real-time. ATD is currently estimating space requirements and working through the process established by the City's Strategic Facilities Governance Team to review and evaluate all departmental facility needs. Partial funding currently exists for the initial planning and evaluation phases only.

ATMS Software Enhancements: The City's new ATMS will be completed in early FY2013-14. The ATMS provides a foundation to develop and deploy additional services and innovations to address the region's growing multi-modal mobility needs. Additional funding is needed in FY2014-15 to leverage the City's existing ATMS investment and enhance transportation in the region.

Closed Circuit Television (CCTV): ATD's ultimate goal is to have 100% viewing coverage of the arterial streets through its traffic cameras. This level of coverage ensures traffic flow along the arterial streets can be adequately monitored in order to verify incidents, make real-time traffic control decisions and assess the outcomes of those decisions. The number of cameras and related funding needed to achieve this goal needs to be estimated.

Local Area Traffic Management: With the increase in demand due to the overwhelming success of the LATM program, funding will expend funding in FY 2014-15 for the remaining eligible requests. 85 eligible applications have been accepted after meeting ATD's twelve point criteria with only 34% estimated to be fully funded for implementation.

Signal Funding: Signal construction and intersection management projects, including the Pedestrian Hybrid Beacons and Accessible Pedestrian Signals projects, have traditionally been paid from bond funding. These funds are metered out on a need-based expenditure plan. Current funding for intersection mitigation/signal projects will be fully obligated by October 2014. Actual spending on signals is expected to extend into the 1st quarter FY 2014-15. An alternative and sustainable

funding stream for signal/intersections mitigation is needed for future continuation.

Project Connect: The Austin Transportation Department is actively planning for and evaluating funding opportunities and operational abilities to execute a long-term regional transit vision, under a partnership of regional transportation agencies called Project Connect. One of the modes under consideration as a high-capacity transit investment is Urban Rail. A proposed phase and cost estimate is currently being refined for City Council to consider bringing to voters for approval in the future. Partial funding has been provided for initial planning, evaluation and an alternative analysis corridor study.

Public Works Department

Department Overview

The Public Works Department (PWD) has an organizational mission to provide an integrated approach to the development, design, construction, and maintenance of the City's infrastructure systems and facilities. The services PWD provides enhance Austin's position as an environmentally responsible City that offers an exceptional and sustainable quality of life to its residents. The nature of the Department's work touches almost every aspect of daily life, and is reflected in PWD's vision statement, *Public Works Connects You All Around Austin*. The following parameters are inherent in achieving the PWD vision, and establish the operating philosophy for the Department:

- Become a leader in the development and implementation of innovative technical and business systems that support the goal of becoming the best-managed City in the nation and achieving true value for every dollar spent.
- Operate openly and transparently, ensuring accountability to the taxpayers and our customers.
- Remain connected to the neighborhoods and the business community, ensuring responsiveness to local needs.
- Maintain an atmosphere of collaboration and teamwork, resulting in a workplace where excellence and creativity are recognized.
- Ensure all operations and functions are performed safely, protecting both life and property.

Public Works has established goals that address results, outputs, and efficiencies. Results are expressions of how well PWD's efforts support larger City initiatives. Outputs are measures of physical improvements. Efficiencies express of how well services are performed. The primary goals for the Department are identified below:

Results

- Improve the overall condition of roadways to greater than 85% in satisfactory condition or better, and maintain pavements in the 85%-90% satisfactory or better on a sustained basis.

Lady Bird Lake Boardwalk

- Ensure a safe and efficient multi-modal transportation system.
- Increase the connectivity and accessibility of the City through the construction and repair of sidewalks, ramps, and bicycle facilities.
- Provide safe routes to and from school for our children.
- Deliver capital improvement projects on behalf of City agencies, achieving the quality definitions of scope, schedule, and cost.

Outputs

- Apply preventive maintenance applications to 10% of the street inventory annually.
- Construct 25,000 linear feet of new sidewalks and 250 new curb ramps annually.
- Install 21 miles of new and upgraded bicycle lanes annually.
- Provide crossing guard coverage at all designated school crossings 100% of the time.

Efficiency

- Complete 100% of managed projects within the approved budget.
- Complete 80% of managed projects in accordance with the accepted baseline schedule.
- Manage work so that non-user requested change orders make up less than 5% of the total project cost.
- Maintain project management costs within 5% of total project cost.
- Inspect projects so that the cost of inspection is within 5% of the construction cost and that no less than 90% of the inspected projects pass the one-year warranty inspection without significant construction deficiencies.

The Department's Capital Program is a key component in accomplishing the goals and achieving the Results, Outputs, and Efficiencies listed above. The Department's Portfolio contains continuous core programs that support delivery of services in managing the City's Right of Way, such as Street Reconstruction and Rehabilitation; Council-mandated master plans like the Sidewalk Master Plan; and individual projects that need to be addressed separately because of their magnitude, like The MoPAC Bike Bridge.

Prior Year Accomplishments

Many infrastructure improvements projects were either completed or in progress in late Fiscal Year (FY) 2011-12 and FY 2012-13. In addition to completing the projects included under the *Accelerate Austin* initiative, emphasis was placed on projects prioritized under the 2010 Mobility Bond. Several of the more significant projects are highlighted below:

Pedestrian Improvements/Safe Routes to School
- ADA Improvements – City Wide
- Sidewalk Improvements – City Wide

Urban Trails
- North Acres Hike and Bike Trail Bridge
- Completion of an Urban Trails Master Plan
- Upper Boggy Creek Trail
- Lance Armstrong Bikeway- 4th and IH-35 Crossing Improvement

Bicycle Facilities
- 15 to 20 New Bike Lanes City-Wide

Street Reconstruction and Rehabilitation
- Rio Grande
- 8th Street from Congress to West Ave
- 5th Street from IH-35 to Onion Creek
- Pedernales from 6th to Webberville
- Northeast Residential & Collectors
- Colorado from 3rd to 7th

Multimodal Use Trails
- Lady Bird Lake Boardwalk

Information Technology
- Computerized Maintenance Management Program Phase 1 (MAXIMO)

FY 2013-14 Work Plan

Public Works has an ambitious schedule of work for FY 2013-14. PWD plans to finish construction on the remaining projects identified in *Accelerate Austin* along with those projects that remain in the 1998, 2000, and 2006 Bond Programs. PWD also plans to move forward with construction on projects included in the 2010 Bond Program, while finishing the design for projects included in the 2012 Bond Program so that they could move into construction by late FY 2013-14 early FY 2014-15. Projects planned to be addressed include the following:

Pedestrian Improvements/Safe Routes to School
- ADA Improvements – City Wide
- Sidewalk Improvements – City Wide
- North Lamar / Burnet

Urban Trails
- North Acres Hike and Bike Trail Bridge
- Completion of an Urban Trails Master Plan
- Upper Boggy Creek Trail
- Lance Armstrong Bikeway- 4th and IH-35 Crossing Improvements
- Violet Crown Trail

Bicycle Facilities
- 15 to 20 New Bike Lanes City-Wide

Street Reconstruction and Rehabilitation
- Davis-Deer
- Howard Lane
- Colorado from 7th to 10th
- 3rd Street from Nueces to Trinity
- Residential Collectors in East Austin

Multimodal Use Trails
- Lady Bird Lake Boardwalk
- MoPAC Bike Bridge

Design of New Projects
- Congress Avenue Streetscape
- South Lamar Corridor Preliminary Engineer

Information Technology

- Electronic Document Management (EDIMS)
- Business Intelligence (MicroStrategy)

Project Selection and Prioritization Process

PWD prioritizes its projects based upon several criteria, as listed below:

- Citizen Input
- Coordination with Other Utilities Projects
- Impact upon Public Safety
- Pavement Condition
- Significance in the Transportation Network
- Support of Economic Development

While projects are selected for implementation based upon the highest assessment of these criteria, timing of the projects also play an important role. PWD seeks to optimize the impact on a district or neighborhood while minimizing the duration of the inconvenience construction imposes upon the residents and businesses. Therefore, street and sidewalks projects are synchronized with required utilities work to the greatest extent possible. Projects where City dollars can be used to leverage state and federal grants opportunities are also advanced quickly.

Imagine Austin

The nature of Public Works' business requires collaboration with virtually every City agency. PWD's Capital Program has us in contact with each of the **Imagine Austin** Core Principles for Action as illustrated in **Figure 1** and discussed in the following paragraphs:

Grow as a Compact and Connected City. PWD, along with the Austin Transportation Department, are the lead agencies in developing approaches to provide transportation connections. The supporting projects are developed in concert with the Strategic Mobility Plan, the Bicycle Master Plan, the Sidewalk Master Plan and Accessibility Transition Plan, and the Urban Trails Master Plan (under development). Both departments are also undertaking a review of the Transportation Criteria Manual in the current year (FY 2012-13) to ensure the criteria are flexible enough to adapt to the vision articulated in Imagine Austin. All of these efforts directly implement the Imagine Austin priority program "Invest in a compact and connected Austin".

Provide Paths to Prosperity for All. The City's infrastructure plays a significant role in supporting economic development and connecting citizens to jobs and education. PWD's Capital Program executes programs and projects that expand and maintain the road, bicycle, and sidewalk networks, and delivers these services in a manner that is effective and cost efficient.

Integrate Nature into the City of Austin. Public Works plays a leading role in the tenet of integrating nature throughout the City. Along with Austin Transportation Department and the Parks and Recreation Department, PWD is expanding the network of urban trails to provide both alternative means of transportation and increased recreational opportunities. This effort directly implements the Imagine Austin priority program "Use green infrastructure to protect environmentally sensitive areas and integrate nature into the city".

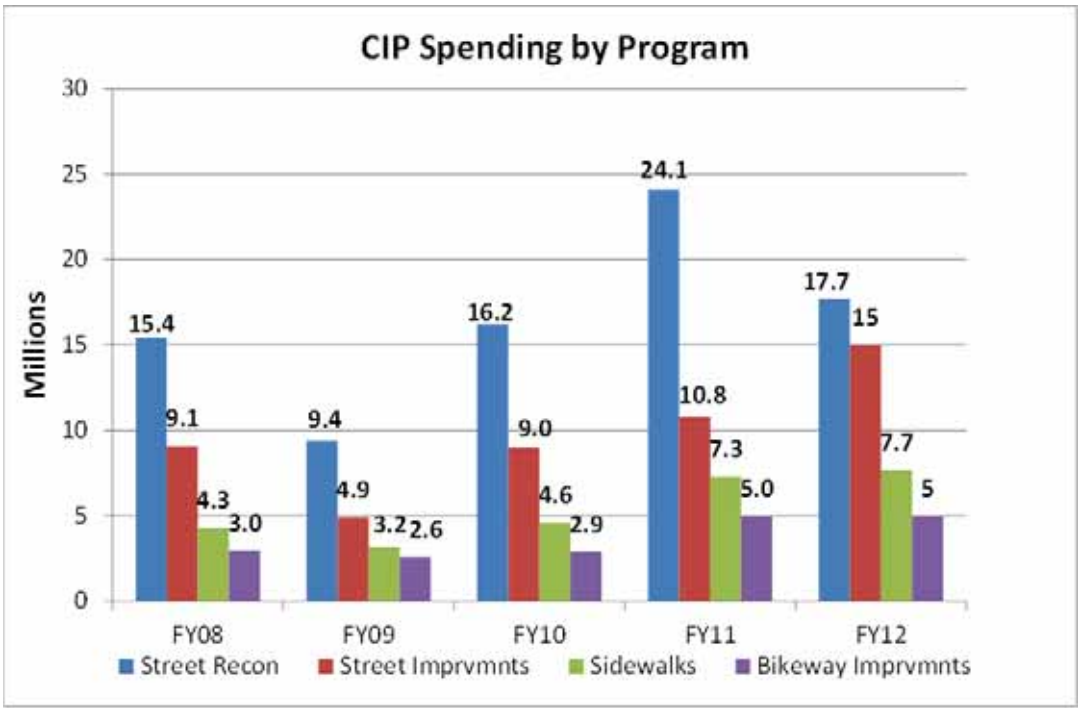
Develop as an Affordable and Healthy Community. PWD has also been named as one of six cities to participate in the Green Lanes project, which has the increased development of protected bicycle lanes. Increased use of bicycling for short trips will positively impact air quality and the health of the community.

Sustainably Manage Water, Energy, and Other Environmental Resources. PWD has incorporated sustainable practices into the Capital Program, including construction practices and materials and design elements. PWD works with the Austin Water Utility and Watershed Protection Department to deliver projects that conserve water, treat urban runoff, and reduce erosion, in support of the Imagine Austin priority program "Sustainably manage our water resources".

Think Creatively and Work Together. As stated in the introduction, the nature of PWD's business puts us in contact with virtually every City agency and with the public every day. PWD's planners, engineers, and project managers coordinate with stakeholders continually, and develop unique solutions to the challenges of working with an aging and expanding infrastructure.

Figure 1: Comprehensive Plan Alignment

Capital Plan Program Areas		Compact and Connected	Prosperous	Nature	Affordable and Healthy	Sustainable	Creative/ Work Together
Portfolio Management /Right of Way Coordination Process		✓	✓	✓	✓	✓	✓
Street Reconstruction and Rehabilitation	Street Reconstruction	✓	✓	✓	✓	✓	✓
	Street Improvements (Rehabilitation)	✓	✓	✓	✓	✓	✓
Pedestrian and Bicycle Programs	Sidewalk and Accessibility Program	✓	✓	✓	✓	✓	✓
	Bicycle Program	✓	✓	✓	✓	✓	✓
	Urban Trail Program	✓		✓	✓	✓	✓
	Neighborhood Partnering Program			✓	✓	✓	✓

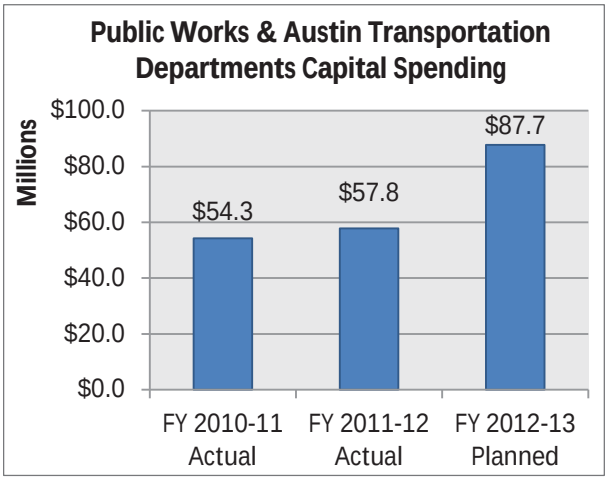


* Note: Because the Public Works Department and Austin Transportation Department were formerly one department, their CIP financial data is presented together in this CIP Plan.

CIP Funding Sources

PWD capital improvements are typically funded through the City's general obligation bond program. The Department will fund some projects outside of the typical bond projects through a transfer from its operating funds. The distribution of the PWD-sponsored projects is depicted in the figure below.

PWD's actual expenditures for FY 2010-11 and FY 2011-12 and planned spending for FY 2012-13 are shown in the chart below:



In FY 2012-13, Public Works utilized the 1998, 2000, 2006, 2010 and 2012 Bond Programs in funding the execution of the core programs that maintain the City's infrastructure connected to the Right-of-Way. Public Works allocation of 2000, 2006, and 2010 bond funding will be mostly expended by the end of FY 2013-14. The funding the Department received in 2012 Bond Program is currently forecasted to be expended by the end of FY 2015-16.

Unfunded Capital Needs Requests

The Public Works Department is continuously assessing the condition and prioritization of roadways, sidewalks and other capital assets to determine what priority projects are needed. This prioritization process is used to identify projects that are candidates for funding, through future general obligation bond programs or other potential funding sources. The Department has six key programs that require funding to continue repair, rehabilitation, and replacement: street reconstruction, sidewalks, bike lanes, urban trails and neighborhood partnering program.

Additional funding will need to be identified in the future in order to continue the progress of these key departmental programs and meet the Department's commitments to its adopted master plans when current funding for these programs is expended.

Street Reconstruction and Rehabilitation

In its presentation of its FY 2008-09 Budget, PWD identified the need for additional funds to meet its plan to improve the condition of existing pavements to 85% rated as satisfactory or better by the end of FY 2017-18. With the current street reconstruction funds expected to be fully obligated by the end of 2015, PWD will require additional funds from FY 2015-16 through FY 2017-18 to continue the progress.

Pedestrian Improvements

PWD has a program commitment to the Sidewalk Master Plan which will require additional funds from FY 2014-15 through FY 2018-19 to continue progress under this program.

Bicycle Facilities

PWD has a program commitment to increase bicycle lanes citywide that will require additional funds from FY 2014-15 through FY 2018-19 to continue progress. This program's work schedule is timed and sequenced with the annual Street Maintenance Program.

Urban Trails

The Urban Trails Master plan is a significant effort that is being led by PWD and PARD. PWD has a program commitment to increase trails citywide that will require additional funds from FY 2014-15 through FY 2018-19 to continue progress.

Neighborhood Partnering Program

In its presentation of its FY 2010-11 budget, PWD presented the Neighborhood Partnering Program and a $200,000 one-time transfer from the Capital Projects Management Funds to the program was made in the FY 2010-11 Budget. In the 2012 Bond Program, $1,200,000 was allocated to the Program. There are currently projects in the application phase for the program which exceed the current funding amount and

list of applicants continue to grow. The Department's initial assessment is it will require additional funds from FY 2014-15 through FY 2018-19 to continue this program.

Public Works Facilities

Beyond the program needs detailed above, the Public Works Department must also address its facilities. There are three significant projects that require attention in the immediate future, including the Harold Court, Manor Road, and Kramer Lane facilities. All of these facilities are past their useful life and significantly impact the Department's ability to deliver services. The yards are insufficient for storage of equipment and material as are the buildings which also have structural and functional issues. In 2012 Bond Program, $11,000,000 was programmed for facilities, but falls short of the funding necessary to address the needs at all three facilities.

Overall, the Department has a significant number of unfunded requests. PWD has chosen to only reflect funded projects in its CIP Plan and maintains an internal record of unfunded needs.

2013-2014 CIP Spending Plan Summary

Austin Transportation and Public Works Departments

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6077:12th Street Reconstruction	$1,878	$0	$0	$0	$0	$0	$0	$1,878
6686:32nd Street Reconstruction	$2,911,244	$63,247	$0	$0	$0	$0	$0	$2,974,491
5408:34th Street Reconstruction	$5,041,106	$729,142	$0	$0	$0	$0	$0	$5,770,248
8158:3rd Street Reconstruction	$3,583,675	$3,448,071	$911,052	$3,000,000	$0	$0	$0	$10,942,798
5401:51st Street Reconstruction	$0	$250,000	$595,000	$1,850,000	$805,000	$0	$0	$3,500,000
9324:6th Street Reconstruction	$199,797	$100,000	$585,000	$676,203	$466,000	$0	$0	$2,027,000
8098:8th Street Reconstruction	$5,266,838	$2,288,137	$0	$0	$0	$0	$0	$7,554,975
9227:Airport Blvd Improvements	$430,000	$0	$0	$0	$0	$0	$0	$430,000
5980:Alley Reconstruction	$626,772	$20,264	$0	$0	$0	$0	$0	$647,036
5560:Asbestos Abatement	$7,061,076	$5,000	$5,000	$5,672	$5,000	$45,000	$0	$7,126,748
8618:Austin Mobility Plan	$4,179,864	$1,173,294	$328,159	$0	$0	$0	$0	$5,681,317
5771:Bikeway Improvements	$19,172,312	$10,385,341	$6,635,156	$0	$0	$0	$0	$36,192,809
7487:Braker Lane Street Improvements	$5,000	$145,000	$0	$0	$0	$0	$0	$150,000
6960:Brazos Street Reconstruction	$14,910,068	$222,178	$0	$479,626	$0	$0	$0	$15,611,872
6016:Building Improvements - Public Works & Transportation	$1,792,375	$845,811	$1,491,813	$6,435,000	$3,210,000	$0	$0	$13,774,999
7534:Collector/Residential Street Reconstruction - Central East	$13,411,605	$5,995,120	$4,173,500	$2,124,500	$260,000	$357,000	$0	$26,321,725
7531:Collector/Residential Street Reconstruction - Central West	$4,376,321	$3,319,440	$22,021,660	$0	$0	$0	$0	$29,717,421
7532:Collector/Residential Street Reconstruction - Northeast	$16,712,277	$951,070	$0	$0	$0	$0	$0	$17,663,347
7533:Collector/Residential Street Reconstruction - Northwest	$1,041,813	$0	$0	$0	$0	$0	$2,945,000	$3,986,813
7535:Collector/Residential Street Reconstruction - Southeast	$4,582,774	$0	$0	$580,000	$478,000	$27,000	$0	$5,667,774

2013-2014 CIP Spending Plan Summary

Austin Transportation and Public Works Departments

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7536:Collector/Residential Street Reconstruction - Southwest	$5,470,525	$0	$0	$0	$0	$0	$0	$5,470,525
6961:Colorado Street Reconstruction	$7,810,657	$5,211,521	$1,481,971	$0	$0	$0	$0	$14,504,149
9964:Commodity Code Improvements	$122,529	$52,471	$0	$0	$0	$0	$0	$175,000
9423:Corridor Preservation	$1,000,000	$0	$0	$0	$0	$0	$0	$1,000,000
5385:Davis Lane Improvements	$5,430,587	$6,025,579	$0	$0	$0	$0	$0	$11,456,166
7488:Decker Lake Road Improvements	$1,516,804	$100,196	$0	$0	$0	$0	$0	$1,617,000
1266:Dittmar Rd. Improvements	$26,506	$10,994	$0	$0	$0	$0	$0	$37,500
9203:Guadalupe/Lavaca Street	$787,131	$662,869	$600,000	$0	$0	$0	$0	$2,050,000
6991:Harris Branch Street Reconstruction	$66,672	$113,508	$510,000	$1,990,000	$0	$0	$0	$2,680,180
6031:Howard Lane Improvements	$3,969,753	$8,777,939	$0	$0	$0	$0	$0	$12,747,692
9224:IH-35 Corridor Improvements	$2,954,000	$3,850,000	$7,007,000	$2,089,000	$9,025,000	$1,700,000	$0	$26,625,000
6598:Intersection Improvements	$18,592,192	$1,000,444	$876,806	$752,689	$0	$0	$0	$21,222,131
9383:Lamar Blvd Street Improvements	$468,000	$575,000	$6,532,000	$7,875,000	$0	$0	$0	$15,450,000
5585:Lance Armstrong / Crosstown Bikeway	$730,000	$0	$0	$0	$0	$0	$0	$730,000
5569:Lead (Pb) Based Paint Abatement	$493,628	$2,000	$3,000	$3,372	$3,000	$46,000	$0	$551,000
8703:Loop 1 Improvements	$8,418,679	$0	$0	$0	$0	$0	$0	$8,418,679
9225:Manor Road Improvements	$373,511	$351,489	$0	$0	$0	$0	$0	$725,000
5873:Minor Bridge and Culvert Improvements	$3,547,574	$1,449,653	$1,798,271	$610,000	$1,913,000	$2,159,000	$110,000	$11,587,498
9226:MLK Blvd Improvements	$450,000	$0	$0	$0	$0	$0	$0	$450,000
9223:Mopac Corridor Improvements	$100,000	$900,000	$2,100,000	$0	$0	$0	$0	$3,100,000
1152:Neighborhood Traffic Calming	$4,396,251	$2,763,764	$1,200,000	$0	$0	$0	$0	$8,360,015
6959:Oltorf Street Reconstruction	$4,859,648	$82,514	$0	$0	$0	$0	$0	$4,942,162

2013-2014 CIP Spending Plan Summary

Austin Transportation and Public Works Departments

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7333:Parking Meter Related Projects	$8,500,689	$494,311	$0	$0	$0	$0	$0	$8,995,000
7489:Parmer Lane Street Improvements	$1,664,918	$1,363,082	$0	$0	$0	$0	$0	$3,028,000
6755:Pleasant Valley Road Improvements	$9,824,864	$5,654,089	$3,144,981	$2,571,908	$0	$0	$0	$21,195,842
8198:Pond Springs Road Improvements	$476,710	$464,456	$0	$0	$0	$0	$0	$941,166
7088:Public Works - Vehicles & Equipment	$15,865,461	$5,396,538	$0	$0	$0	$0	$0	$21,261,999
7332:Public Works Technology Improvements	$385,359	$2,002,412	$0	$0	$0	$0	$0	$2,387,771
6045:Railroad Track and Crossing Improvements	$737,465	$403,332	$1,384,552	$374,203	$0	$0	$0	$2,899,552
5403:Rio Grande Reconstruction	$6,901,332	$9,295,538	$125,000	$0	$0	$0	$0	$16,321,870
5386:Riverside Drive Improvements	$600,000	$500,000	$500,000	$0	$0	$0	$0	$1,600,000
6998:Rundberg Lane Improvements	$1,403,143	$3,323,971	$339,559	$0	$0	$0	$0	$5,066,673
6990:School Safety Sidewalk Projects	$902,987	$604,349	$200,211	$0	$0	$0	$0	$1,707,547
5769:Sidewalk Improvements	$22,828,332	$11,718,387	$11,580,900	$10,714,212	$3,000,000	$0	$0	$59,841,831
9323:Slaughter Lane Street Improvements	$1,500,000	$0	$0	$0	$0	$0	$0	$1,500,000
7637:Stassney Lane Reconstruction	$284,500	$0	$0	$0	$0	$0	$0	$284,500
6319:Street Reconstruction - Future Projects	$0	$5,000,000	$3,000,000	$2,570,000	$0	$0	$0	$10,570,000
5828:Traffic Signals	$21,397,176	$3,431,812	$2,846,443	$100,000	$0	$0	$0	$27,775,431
6816:Tuscany Way Street Improvements	$1,500,000	$0	$0	$0	$0	$0	$0	$1,500,000
6059:US 183 Hwy. Improvements	$250,000	$0	$0	$0	$0	$0	$0	$250,000
7400:Westgate Blvd. Improvements	$6,341,487	$238,513	$0	$0	$0	$0	$0	$6,580,000
6062:William Cannon Dr. Improvements	$5,982,029	$195,000	$397,050	$0	$0	$0	$0	$6,574,079
5314:William Cannon Dr. Reconstruction	$34,925	$5,000	$60,075	$0	$0	$0	$0	$100,000
Total	**$284,272,819**	**$111,961,846**	**$82,434,159**	**$44,801,385**	**$19,165,000**	**$4,334,000**	**$3,055,000**	**$550,024,209**

2013-2014 CIP Funded Appropriation Request Summary

Austin Transportation and Public Works Departments

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6077:12th Street Reconstruction	$1,879	$0	$0	$0	$0	$0	$0	$1,879	Debt
6686:32nd Street Reconstruction	$2,903,591	$70,901	$0	$0	$0	$0	$0	$2,974,492	Debt Cash
5408:34th Street Reconstruction	$5,770,249	$0	$0	$0	$0	$0	$0	$5,770,249	Debt Cash
8158:3rd Street Reconstruction	$7,740,800	$201,998	$0	$3,000,000	$0	$0	$0	$10,942,798	Debt Cash
5401:51st Street Reconstruction	$0	$250,000	$1,050,000	$2,200,000	$0	$0	$0	$3,500,000	Debt
9324:6th Street Reconstruction	$1,000,000	$0	$85,000	$942,000	$0	$0	$0	$2,027,000	Debt Cash
8098:8th Street Reconstruction	$7,554,978	$0	$0	$0	$0	$0	$0	$7,554,978	Debt
9227:Airport Blvd Improvements	$430,000	$0	$0	$0	$0	$0	$0	$430,000	Debt
5980:Alley Reconstruction	$647,036	$0	$0	$0	$0	$0	$0	$647,036	Debt
5560:Asbestos Abatement	$7,126,746	$0	$0	$0	$0	$0	$0	$7,126,746	Other Debt
8618:Austin Mobility Plan	$5,681,316	$0	$0	$0	$0	$0	$0	$5,681,316	Other Cash
5771:Bikeway Improvements	$23,897,809	$8,300,000	$3,995,000	$0	$0	$0	$0	$36,192,809	Other Debt Grants Cash

2013-2014 CIP Funded Appropriation Request Summary

Austin Transportation and Public Works Departments

7487:Braker Lane Street Improvements	$150,000	$0	$0	$0	$0	$0	$0	$150,000	Debt
6960:Brazos Street Reconstruction	$15,611,874	$0	$0	$0	$0	$0	$0	$15,611,874	Other Debt Cash
6016:Building Improvements - Public Works & Transportation	$2,699,999	$3,325,000	$7,750,000	$0	$0	$0	$0	$13,774,999	Debt Cash
7534:Collector/Residential Street Reconstruction - Central East	$15,134,575	$6,422,150	$4,057,000	$91,000	$617,000	$0	$0	$26,321,725	Debt Cash
7531:Collector/Residential Street Reconstruction - Central West	$4,325,599	$5,572,826	$0	$0	$0	$0	$0	$9,898,425	Debt Cash
7532:Collector/Residential Street Reconstruction - Northeast	$17,656,375	$6,974	$0	$0	$0	$0	$0	$17,663,349	Debt Cash
7533:Collector/Residential Street Reconstruction - Northwest	$1,041,814	$0	$0	$0	$0	$0	$2,945,000	$3,986,814	Debt
7535:Collector/Residential Street Reconstruction - Southeast	$4,582,777	$0	$0	$580,000	$478,000	$27,000	$0	$5,667,777	Debt Cash
7536:Collector/Residential Street Reconstruction - Southwest	$5,365,151	$105,374	$0	$0	$0	$0	$0	$5,470,525	Debt Cash
6961:Colorado Street Reconstruction	$9,293,552	$5,210,600	$0	$0	$0	$0	$0	$14,504,152	Other Debt Cash

2013-2014 CIP Funded Appropriation Request Summary

Austin Transportation and Public Works Departments

9964:Commodity Code Improvements	$175,000	$0	$0	$0	$0	$0	$0	$175,000	Cash
9423:Corridor Preservation	$1,000,000	$0	$0	$0	$0	$0	$0	$1,000,000	Debt
5385:Davis Lane Improvements	$11,456,165	$0	$0	$0	$0	$0	$0	$11,456,165	Debt
7488:Decker Lake Road Improvements	$1,617,000	$0	$0	$0	$0	$0	$0	$1,617,000	Debt
1266:Dittmar Rd. Improvements	$37,500	$0	$0	$0	$0	$0	$0	$37,500	Debt
9203:Guadalupe/Lavaca Street Improvements	$2,050,000	$0	$0	$0	$0	$0	$0	$2,050,000	Other
6991:Harris Branch Street Reconstruction	$180,180	$0	$500,000	$2,000,000	$0	$0	$0	$2,680,180	Debt
6031:Howard Lane Improvements	$12,715,692	$32,000	$0	$0	$0	$0	$0	$12,747,692	Other Debt Debt
9224:IH-35 Corridor Improvements	$4,625,000	$8,300,000	$3,000,000	$7,000,000	$2,000,000	$1,700,000	$0	$26,625,000	Debt Grants
6598:Intersection Improvements	$21,222,131	$0	$0	$0	$0	$0	$0	$21,222,131	Other Debt Cash
9383:Lamar Blvd Street Improvements	$450,000	$600,000	$8,650,000	$5,750,000	$0	$0	$0	$15,450,000	Debt
5585:Lance Armstrong / Crosstown Bikeway	$730,000	$0	$0	$0	$0	$0	$0	$730,000	Debt Grants
5569:Lead (Pb) Based Paint Abatement	$551,000	$0	$0	$0	$0	$0	$0	$551,000	Debt

2013-2014 CIP Funded Appropriation Request Summary

Austin Transportation and Public Works Departments

8703:Loop 1 Improvements	$13,000,000	($4,581,321)	$0	$0	$0	$0	$0	$8,418,679	Debt
9225:Manor Road Improvements	$725,000	$0	$0	$0	$0	$0	$0	$725,000	Debt
5873:Minor Bridge and Culvert Improvements	$4,005,052	$3,188,340	$1,829,106	$160,000	$2,302,000	$110,000	$0	$11,594,498	Debt
9226:MLK Blvd Improvements	$450,000	$0	$0	$0	$0	$0	$0	$450,000	Debt
9223:Mopac Corridor Improvements	$100,000	$900,000	$1,000,000	$1,100,000	$0	$0	$0	$3,100,000	Debt
1152:Neighborhood Traffic Calming	$5,460,014	$4,000,000	$0	$0	$0	$0	$0	$9,460,014	Other Debt Cash
6959:Oltorf Street Reconstruction	$4,942,162	$0	$0	$0	$0	$0	$0	$4,942,162	Other Debt Cash
7333:Parking Meter Related Projects	$8,995,000	$0	$0	$0	$0	$0	$0	$8,995,000	Debt Cash
7489:Parmer Lane Street Improvements	$3,028,000	$0	$0	$0	$0	$0	$0	$3,028,000	Debt
6755:Pleasant Valley Road Improvements	$20,210,643	$970,200	$15,000	$0	$0	$0	$0	$21,195,843	Other Debt
8198:Pond Springs Road Improvements	$941,167	$0	$0	$0	$0	$0	$0	$941,167	Debt
7088:Public Works - Vehicles & Equipment	$21,262,000	$0	$0	$0	$0	$0	$0	$21,262,000	Debt Cash
7332:Public Works Technology Improvements	$2,387,772	$0	$0	$0	$0	$0	$0	$2,387,772	Cash

2013-2014 CIP Funded Appropriation Request Summary

Austin Transportation and Public Works Departments

6045:Railroad Track and Crossing Improvements	$2,399,552	$65,000	$435,000	$0	$0	$0	$0	$2,899,552	Other Debt
5403:Rio Grande Reconstruction	$7,192,688	$9,129,182	$0	$0	$0	$0	$0	$16,321,870	Debt Cash
5386:Riverside Drive Improvements	$600,000	$1,000,000	$0	$0	$0	$0	$0	$1,600,000	Debt
6998:Rundberg Lane Improvements	$4,905,673	$31,000	$130,000	$0	$0	$0	$0	$5,066,673	Debt
6990:School Safety Sidewalk Projects	$1,707,547	$0	$0	$0	$0	$0	$0	$1,707,547	Other Debt Grants
5769:Sidewalk Improvements	$33,641,832	$7,395,000	$8,405,000	$10,400,000	$0	$0	$0	$59,841,832	Other Debt Grants Cash
9323:Slaughter Lane Street Improvements	$1,500,000	$0	$0	$0	$0	$0	$0	$1,500,000	Debt
7637:Stassney Lane Reconstruction	$284,500	$0	$0	$0	$0	$0	$0	$284,500	Debt
6319:Street Reconstruction - Future Projects	$0	$5,000,000	$3,000,000	$2,570,000	$0	$0	$0	$10,570,000	Debt
5828: Traffic Signals	$21,275,433	$3,810,000	$2,590,000	$100,000	$0	$0	$0	$27,775,433	Other Debt Grants
6816:Tuscany Way Street Improvements	$1,500,000	$0	$0	$0	$0	$0	$0	$1,500,000	Debt

2013-2014 CIP Funded Appropriation Request Summary

Austin Transportation and Public Works Departments

6059:US 183 Hwy. Improvements	$250,000	$0	$0	$0	$0	$0	$0	$250,000	Debt
7400:Westgate Blvd. Improvements	$6,580,000	$0	$0	$0	$0	$0	$0	$6,580,000	Debt
6062:William Cannon Dr. Improvements	$6,574,079	$0	$0	$0	$0	$0	$0	$6,574,079	Debt
5314:William Cannon Dr. Reconstruction	$100,000	$0	$0	$0	$0	$0	$0	$100,000	Debt
Total	**$369,443,902**	**$69,305,224**	**$46,491,106**	**$35,893,000**	**$5,397,000**	**$1,837,000**	**$2,945,000**	**$531,312,232**	

Building Services Department

Building Services Department

Department Overview

The Building Services Department's (BSD) mission is to provide facility/asset management services to ensure safe, professional, and efficiently managed facilities. The Building Services Capital Improvements Program (CIP) supports this goal with a focus on major repairs, remodeling, renovation, and when necessary, capital replacement of capital equipment for general government facilities. Currently, the majority of the Department's projects are driven by building reliability issues resulting from years of deferred maintenance including component failures, structural repairs, and renovations to support changing operations and growth.

Building Services is aligning its work with the results of the Strategic Facility Plan (SFP). The SFP was initiated in spring of 2011, completed in Fall 2012 and will guide the City in making immediate and long-term decisions regarding 260 facilities. The SFP provides scenarios and solutions to reduce overcrowding, improve operational logistics, improve space conditions, reduce reliance on leased space, reduce transportation-based carbon footprint, and address future growth and associated space needs.

Building Services' CIP structure is currently divided into two categories and associated subcategories which are aligned with the SFP recommendations:

Major facility repairs – Projects which repair or replace existing building systems, roofs, driveways, parking lots, and other equipment necessary for facility and occupant operations. Listed by each category is the number of projects being requested in the Fiscal Year (FY) 2013-14 CIP Plan. Subcategories include:

- *Building Envelope/Shell (4)* - Projects will include repairs to exterior walls and components of the building shell.
- *Electrical* - Work including electrical panels, parking lot lighting, emergency lighting, etc.
- *Elevators (3)* - Several elevators throughout the City are outdated and rapidly reaching non-compliance. As these units continue to age, repair costs increase dramatically. Several manufacturers are no longer operating and replacement parts are extremely difficult to obtain. Necessary repairs include safety items, door replacements, modernization and system upgrades.
- *Emergency Backup Systems (9)* - Redundant electrical systems in case of a power failure including generators, Uninterruptable Power Supply (UPS), and replacement of four non-functional and obsolete gas generators at 4 Fire Stations.
- *Fire Station Issues (1)* - Repair or replacement of failing driveways and structural issues related to aging fire stations.
- *Fire/Life Safety Issues (2)* - Projects include replacement of obsolete fire panels, alarms and related components.
- *Roof Replacement (6)* - Replacement and/or repairs to increase the life of the building, which could potentially affect City services or response times.
- *Security (3)* - Replacement and addition of security components including cameras, Closed Circuit Television (CCTV), badge/access systems, and metal detectors to secure city assets.
- *Site Improvements (5)* - Exterior improvements to various sites including civil work, sidewalks, drainage, parking lots, etc.

Renovations, remodels, and improvements – Reconfigure existing space or building systems to accommodate operational requirements of occupants or meet sustainability performance requirements related to US Green Building Council LEED, Energy Star and zero waste standards. Subcategories include:

- *ADA Compliance (1)* - Any item(s) required by code, state or federal law to bring a building or area up to current compliance levels for federal law to bring a building or area up to compliance for Americans with Disabilities Act.
- *HVAC (5)* - Heating Ventilation Air Conditioner (HVAC) replacement of chillers, cooling towers, air handlers, energy management systems, and other components.
- *Interior Building Improvements (2)* - Projects include carpet, flooring replacement and painting.
- *Renovation (1)* - Remodeling and renovations to existing city facilities such as the remodeling of City Council Chambers at City Hall to align with 10-1 Redistricting.
- *Facility Emergency Capital Replacement* - Contingency fund for emergency capital items which fail unexpectedly and are urgent in nature.

Prior Year Accomplishments

Major facility repairs

Fire Station Issues - BSD accomplishments include numerous fire station improvements:

- Replaced truck room slab in Fire Station 10
- Replaced driveway at Fire Station 17
- Replaced driveway apron at Fire Station 28
- Replaced driveway at Fire Station 18
- Completed Design Phase for driveway replacements at Fire Stations 8, 15, 22, 24, 27, & 32.

Roof Replacement - Completed Design Phase for roof replacement at Fire Station 22.

Renovations, remodels and improvements

Renovation and Interior Building Improvements - The first floor renovation has been completed at BSD Headquarters at the Brown Building, allowing for alignment of BSD's vision and expansion plans. The Brown Building/BSD Headquarters project houses administrative offices and work areas for maintenance, HVAC, electric, and building and grounds crews. The remodel for the first floor of the facility encompasses over 3,500 square feet which was left deconstructed when the previous tenant vacated and the property was purchased by the City of Austin.

At the Rutherford Lane Campus (RLC), Labor Relations was moved from rented space downtown into their new suite in Building 2. The newly created space includes a large conference room for negotiations, as well as a smaller conference room for break-out sessions and work space for all employees. In addition, the large Austin Resource Recovery (ARR) project was completed, creating a larger and more efficient workspace for their department. The ARR move will also allow Code Compliance (CCD) to expand and continue with their plan for additional inspectors. Finally, APD's Cold Case unit was moved to APD Headquarters, to allow the Special Investigations Unit (SIU) to backfill their space.

Remodeling of Technicenter continues to be on hold pending clarification of the Texas Department of Transportation (TxDOT) and Central Texas Regional Mobility Authority's schedule for re-alignment of Highway 183, construction of the Bergstrom Expressway, and its financing strategy.

FY 2013-14 Work Plan

The first priority for BSD will be to address the most critical life-safety issues which include:

- Work on the Fire Alarm Systems at the Municipal Building and Technicenter.
- Batteries for the Uninterruptible Power Supplies throughout the City.

The second priority will be to address urgent needs, such as:

- Roof replacements
- Elevators
- HVAC Systems

The Rutherford Lane Campus includes both 2012 Bond and other CIP projects, and continues to be a major focus for the Department. Various aspects of the improvement and renovation plans include:

Major facility repairs

- Fire/Life Safety Issues - Fire alarm panel replacement.
- Roof Replacement - Roof replacement on Buildings 1-3
- Site Improvements - Additional parking
- Site Improvements - Civil work in front of Building 3

Renovations, remodels, and improvements

- Interior Building Improvements - Common area flooring replacement in Buildings 1-3

Project Selection and Prioritization Process

Currently, BSD operates on a "fix on failure" basis. Building Services is transitioning to a Strategic Facilities Governance prioritization process which balances present needs while planning for future facility requirements based on the results of the SFP. Until that time, Building Services will focus primarily on Life Safety systems and urgent issues which improve reliability and prevent loss of use failures:

- Life Safety System Issues (14 projects identified)
- Urgent (30 projects identified)

In this plan, BSD staff compiled a list of the most necessary projects which impact life safety systems and urgent needs affecting functionality of buildings.

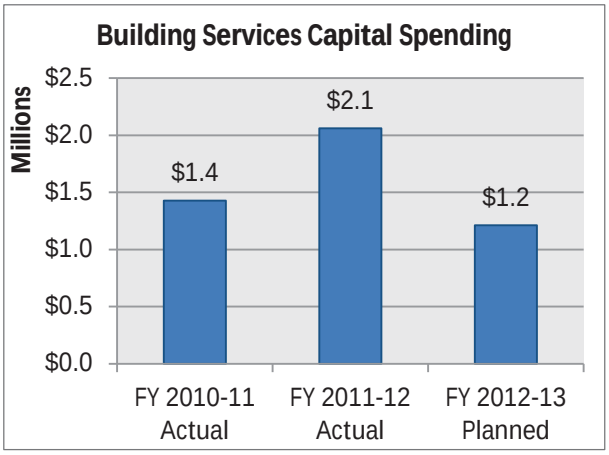
In the past year, BSD has started the process of populating databases and other tools to prepare for a shift to proactive maintenance and capital renewal based on lifecycle planning. In addition we have captured almost 1,000 assets in a work flow management system, which will enable generation of preventative maintenance schedules for each asset and reporting on the maintenance cost of each. As development and implementation of these tools mature, Building Services will begin planning for capital renewal and repairs in a systematic manner.

Imagine Austin

The BSD CIP Plan compliments and works to implement Imagine Austin principles by providing the backbone and infrastructure necessary for departments to operate efficiently and support Imagine Austin priority programs. BSD's CIP Plan will invest in maintaining and improving the workplace, and continue its commitment to sustainable facilities via LEED, Energy Star, and zero waste standards.

CIP Funding Sources

The Building Services CIP is typically funded through operating fund transfers and debt. Capital spending within the Division has been driven by facility renovation projects in accordance with the structure of its CIP. Spending in FY 2011-12 has been at a minimum due to focus on the completion of the SFP.



Unfunded Capital Needs Requests

Major facility repairs

- Building Envelope/Shell
- Elevators
- Emergency Backup Systems
- Fire/Life Safety Issues
- Roof Replacement
- Security
- Site Improvements

Renovations, remodels, and improvements

- ADA Compliance
- HVAC
- Interior Building Improvements
- Renovation
- Facility Emergency Capital Replacement

2013-2014 CIP Spending Plan Summary

Building Services Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
5379:Building Services Facility (411 Chicon Street)	$329,805	$0	$0	$0	$0	$0	$0	$329,805
10024:Major Facility Repairs &	$1,852,516	$444,468	$215,000	$0	$0	$0	$0	$2,511,984
6041:One Texas Center	$346,086	$0	$1,753,914	$0	$0	$0	$0	$2,100,000
10025:Renovations, Remodels and	$0	$1,350,000	$377,000	$0	$0	$0	$0	$1,727,000
Total	**$2,528,406**	**$1,794,468**	**$2,345,914**	**$0**	**$0**	**$0**	**$0**	**$6,668,788**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Building Services

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
5379:Building Services Facility (411 Chicon Street)	$329,804	$0	$0	$0	$0	$0	$0	$329,804	Cash
10024:Major Facility Repairs & Improvements	$2,511,920	$63	$0	$0	$0	$0	$0	$2,511,983	Debt Cash
10025:Renovations, Remodels and Improvements	$0	$1,727,000	$0	$0	$0	$0	$0	$1,727,000	Debt
6041: One Texas Center	$2,100,000	$0	$0	$0	$0	$0	$0	$2,100,000	Debt
Total	**$4,941,724**	**$1,727,063**	**$0**	**$0**	**$0**	**$0**	**$0**	**$6,668,787**	

DRAFT

Communications & Technology Management

Communications and Technology Management

Department Overview

Communications and Technology Management (CTM) provides information technology services to City of Austin departments and external agencies in the Central Texas region. CTM manages three major programs consisting of Communications and Technology Management, the Combined Transportation, Emergency and Communications Center (CTECC) and Wireless Communications Services Division (WCSD). CTM's customer base includes internal city departments and external governmental entities that are coalition members of the Regional Radio System and CTECC.

CTM's mission is to provide citizens and internal and external business partners with reliable information and efficient technology services to assist them in meeting their information needs and business goals. It is CTM's goal to maximize effective utilization of technology resources by planning and using technology appropriately and by managing it effectively.

CTM must also provide and maintain a reliable IT infrastructure on which to conduct City business. CTM is the custodian and technical manager for the City's technology infrastructure including desktop systems, large-scale servers, networks, IT security, radio and telephone systems, and software applications. This infrastructure is used to support the City enterprise as well as external entities with which CTM holds partnerships. To meet the CTM goal of maintaining high reliability of these systems, a 10 year replacement plan has been developed to replace essential infrastructure.

While maintaining a reliable, secure technical environment, CTM also has the challenge of developing and supporting a work plan of IT initiatives requested by City departments and approved by the City IT Governance Board. The long-term plan is to identify critical business needs, leverage existing solutions where possible, and implement more enterprise solutions such as the Enterprise Document Imaging and Management System (EDIMS) and the Maximo Asset and Work Order Management System.

IT Governance began in Fiscal Year (FY) 2010-11 and is utilized to prioritize General Fund and Support Services departments' technology-related initiatives. Through the IT Governance process, City business and technology leaders review and prioritize requests for technology projects each year. This process ensures that IT solutions selected for funding are based on how well they support the City's IT and business strategies, deliver value, and properly allocate IT resources.

For FY 2013-14, the governance process will focus on identifying enterprise IT solutions that can efficiently and effectively meet the broadest range of business needs citywide. There will be an emphasis on leveraging existing solutions where possible as well as expanding the use of "Software as a Service" options when existing systems cannot meet the business needs.

A Citywide IT Enterprise Architecture will continue to work toward establishing a blueprint to standardize infrastructure and guide technical direction.

Organization
The Department's Capital Improvements Program (CIP) is divided into basic categories as follows:

Enterprise Business Initiatives
Enterprise-wide Initiatives are related to the basic citywide applications and the tools and infrastructure to support it.

Enterprise-level Initiatives provide a single solution to a business need(s) which exists in more than one department. Such an initiative can be implemented in phases or by department, based upon available funding or on the requirements for the relevant functionality in the requesting departments. Governance has identified citywide use of these solutions as high priority in general.

Department-specific Business Initiatives
These are initiatives specific to one department.

Critical Replacement
Technology equipment and systems throughout the City and the Regional Radio System must be replaced based on an end-of-life schedule. Critical replacement includes hardware such as servers, SANS (for data

storage), telephone equipment, network switches, radios, and mobile data computers. CTM has developed a 10-year Critical Replacement Plan to keep equipment and systems functioning to perform basic services.

IT Infrastructure
Critical infrastructure is defined as the hardware and software used to maintain multiple departments' business computing resources. Without this infrastructure, critical business applications cannot function. Critical infrastructure replacement or upgrade needs are also included in the 10-year plan.

Prior Year Accomplishments

Enterprise Business Initiatives
Web Redesign (AustinGO) (Enterprise-wide) - In FY 2009-10, this project was initiated to re-design the City's website. The project was completed with an official site launch on January 26, 2012. AustinTexas.gov has won state and national awards. In September it was named #5 Municipal Website in the nation on Digital Cities' Best of the Web listing, and most recently the Austin Chronicle's 2012 Best of Austin for the ATXGrandPrix.org site.

Department-Specific Business Initiatives
Digital Vehicular Video (DVV) for the Austin Police Department (Department) - This deployment provides video of public safety events for a total of 519 vehicles and motorcycles and 84 specialty vehicles with installed equipment. In addition, Travis County Attorneys and District Attorneys can access all videos.

Critical Replacement
Public Safety Radio Replacement (Critical Replacement)
This project, which was funded and began in FY 2011-12, will replace 100% of existing public safety mobile and portable XTL/XTS-series radio inventory. Of the 1,473 radios received in FY 2010-11 for the Radio Replacement project, as of January 15, 2013, 835 have been deployed, 774 for public safety departments.

9-1-1 Recording System Replacement (Critical Replacement) - Transfers from CAPCOG and Travis County in the amount of $1,085,000 were used to replace the outmoded 9-1-1 recording system that serves the City and County public safety answer points at CTECC.

Public Safety MDC Replacement (Critical Replacement)
Funds were approved for replacement of Mobile Data Computers (MDCs) for public Safety departments in FY 2011-12 and FY 2012-13. The Wireless Services Division of CTM will now move into a lifecycle replacement schedule for all public safety MDC's.

IT Infrastructure
GATRRS (Infrastructure) - Two major upgrades of the Greater Austin-Travis County Regional Radio System (GATRRS) were completed.

Telephony Upgrade (Infrastructure) - The upgrade of the City of Austin's telephony system has been a major CIP project for several years and is still on-going. Phases 1 and 1A were completed prior to FY 2011-12. Phase 2, consisting of eight libraries, was also completed. In FY 2011-12, an Austin Water Utility site, a library and several Public Safety sites were implemented, including APD HQ, Patrol Bldg. and APD North Substation.

Exchange Archiving (Infrastructure) - This project will enable improved organization and management of business critical email resources. It will improve transparency to the citizens of Austin by facilitating discovery for public information requests by utilizing an on-line, searchable email archive. The installation of Exchange 2010 was completed in early January 2012. Mailbox migrations have begun and are estimated to complete in March 2013.

FY 2013-14 Work Plan (Continuing Projects)

During FY 2011-12 the IT Governance Board prioritized all existing IT projects. A work plan of the top 50 projects (not all CIP) was developed to assign resources to effectively complete 20 projects by the end of FY 2011-12. The CTM work plan for FY 2012-13 included items from the portfolio of projects which were not completed. New projects approved for FY 2012-13 were added and re-prioritized with the existing portfolio. The same process will be followed for FY2013-14. Below is a description of projects that CTM will continue to work on in FY2013-14. The FY 2013-14 Work Plan will also include Infrastructure and Critical

Replacement Projects which both typically take precedence over business initiatives. Any additional projects for the FY2013-14 work plan will be identified through the IT Governance Board prioritization process.

Enterprise Business Initiatives

Mobile Device Management (new - funded FY 2012-13) Mobile devices are currently being used for access to city resources. Management of these devices is necessary to secure city data, to ensure the capability to manage all mobile operating systems and to define policies for mobile computing including security compliance, email, data transfer and data management.

Maximo (partially funded - continuing) - Several departments are in the process of implementing the MAXIMO Inventory and Work Order Management System. This system has been identified as an enterprise solution for work-order and/or asset management. Additional implementations will proceed as resources allow.

AMANDA (partially funded - continuing) - The AMANDA application supports the City's review, permitting, inspections, and enforcement processes. The application requires an upgrade to a browser version which will also provide greater versatility to users. The current version will not be supported after FY 2011-12. Departments requesting the AMANDA upgrade for 2014 include: Fire, Transportation, Code Compliance, Health, and Planning and Development Review.

Electronic Document and Image Management System (EDIMS) (partially funded- continuing) - EDIMS has been approved as the enterprise document imaging and records management system. Several departments, including the City Clerk's Office and Vital Records, have implemented the system. Implementation is in progress for Public Works. Additional departments that have requesting implementation of EDIMS for FY 2012-13 and FY 2013-14 include Austin Resource Recovery, Contract and Land Management, Human Resources, Neighborhood Housing and Community Development, Library and Telecommunications and Regulatory Affairs.

Enterprise Video Conferencing (new –partially funded) A new Vidyo video conferencing solution will allow departments to utilize high quality video conferencing to supplement the use of Adobe Connect. CTM is also working on video solutions at city hall.

Human Resources System Assessment (HRSA) (continuing - funded) - The project team is working with the Gartner Group to complete a Gap Analysis report in early March. The project team will conduct a workshop to identify key HR capabilities and functions with the goal of mapping business processes to improve HR Systems. Following this assessment, a cost estimate for the new system will be developed for a FY 2014-15 funding request.

IT Assessment (new-funded) - The IT Assessment is a benchmark and gap analysis project that will encompass all City of Austin IT business units in establishing standards and applying best managed practices in the delivery of technology services. Visioning Workshops and community engagement process began in February 2013.

Department-Specific Business Initiatives

Municipal Court Case Management System Upgrade (AMANDA) - The current Court Case Management System, JEMS will no longer be supported. This project will move from the current case management system (JEMS) to the AMANDA platform, a COA enterprise solution.

Replacement of current Automatic Vehicle Locator (AVL) and Solid Waste Tracking System (SWTS) for Austin Resource Recovery (ARR) (funded) - Austin Resource Recovery's existing automated systems that support the department's vehicle fleet are not integrated and they require manual, often duplicate data entry on paper forms. This project replaces these current systems and will add efficiencies and reduce operating costs.

PARD Cemetery Management System - PARD will assume daily operations of the city's cemeteries on April 1, 2013. This system will provide information on asset management, sales and records management.

PARD Micromain (funded - continuing) - This continuing project will allow supervisors in the field to capture work load information and document on-the spot repairs to transmit the information to the existing workload tracking and distribution system. The automation of this

work order process will increase the staff's productivity and expand the resources available to complete work.

PARD Automated Recreation Management (funded–continuing) - A vendor was selected and the project planning (Phase 1) has been completed. The project is in phase 2; implementation of the City-Wide Online Transactions Solution. The schedule for the PARD Online Registration Project is contingent upon implementation of the City-wide Online Transactions Solution.

AFD Time and Attendance (Funded FY 2012-13) - Fire Department employees work 24-hour shifts, and are governed by a Collective Bargaining Agreement that requires a 19-day pay cycle. The current Banner payroll system is ill-equipped to deal with this complicated system. An automated time and attendance system will reduce risk and provide an avenue to ensure correct calculation of payroll information and has the capability for growth, expansion, and adaptability.

Criminal Justice Information System (CJIS) (Funded FY 2012-13) - The Criminal Justice Information System (CJIS) provides state, local, and federal law enforcement and criminal justice agencies with access to critical, personal information such as fingerprint records, criminal histories, and sex offender registrations. APD is required to comply with FBI requirements for securing the CJIS data with advanced authentication or multi-factor authentication.

9-1-1 Recording System (funding from Travis County in FY 2012-13 - Continuing) - A new round of funding transferred from Travis County (approximately $454,000) will be used to further enhance 9-1-1 and voice radio recording and retrieval capabilities in FY 2012-13.

EOC Audio Video Switching Replacement (Funded in FY 2012-13) - The purpose of this project is to completely replace the Emergency Operations Center's (EOC) audio visual (A/V) switching hardware and software. Existing Infrastructure is at end-of-life and requires replacement due to an increasing number of service calls and prolonged down times waiting for repairs.

CAD Enhancement (Funded in FY 2012-13) - The City of Austin Computer Aided Dispatching system requires improved functionality available at the disaster recovery site as well as an update to the training and test environments to achieve support staff efficiency gains and improvements. Costs will be shared with Travis County and TxDOT.

IT Infrastructure and Critical Replacement Projects

COATN 2.0 Upgrade (Partially funded - Continuation) - Phase I of this project to upgrade the City's fiber optic network, City of Austin Telecommunications Network (COATN), began in FY 2011-12. Phase I included procurement of Wave-Division Multiplexing optical network technology. This multi-year network upgrade will increase the capacity of the City's data/telephone network. The COATN upgrade is expected to be fully implemented by 2018.

Telephony Upgrade Voice over Internet Protocol (VOIP)(Partially funded - Continuation) - The upgrade of the City of Austin's telephony system to VOIP has been a major CIP project for several years and is still on-going. The project is expected to be completed by FY 2016-17.

Public Safety MDC Replacement (Lifecycle management phase) - Funds were approved in FY 2011-12 and 2012-13 to purchase and install mobile data computers for Police, Fire and EMS, replacing all remaining mobile data computers which were past warranty and at end of useful life. With this effort completed, the Wireless Services Division of CTM will move into a lifecycle replacement schedule for all public safety MDC's. The first phase of this schedule is requested for FY 2013-14.

GATRRS Replacement (funded with debt) - With an approved budget of $32 million, to be shared by the Regional Radio partners, Travis County, Austin Independent School District and University of Texas, this 6 year project began in FY 2012-13. The project includes replacement of the system's microwave network, followed in succeeding years by replacement of dispatch consoles, antenna systems, and tower site repeaters. The radio system will also be enhanced to increase channel capacity and improve resiliency, providing better service to the City and our Regional Radio partners.

Public Safety Radio Replacement (partially funded-continuing) - This initiative continues phasing out

portable and mobile radios currently used by APD, AFD, and ATCEMS to be in compliance with the Federal Communications Commission's (FCC) narrowbanding radio system requirement by January 1, 2017.

Project Selection and Prioritization Process

IT Business Initiatives (Enterprise and Department-specific)

The City established an IT Governance structure in FY 2010-11 and began implementation in FY 2011-12 to prioritize IT initiatives. As part of the IT planning process, governance has since provided city-wide prioritization for funding these technology projects.

For FY 2013-14, the governance process will seek to identify a few key IT solutions that can efficiently and effectively meet a broad range of critical business needs across the City. For FY 2013-14, departments have been asked to identify and submit their most critical business needs rather than submitting requests for specific solutions, as they have done in the past. IT Governance will evaluate, prioritize and identify existing enterprise solutions or Software as a Service (SaaS) solution.

Critical Replacement and IT Infrastructure

CTM has developed a 10-year plan for replacement of critical hardware and infrastructure based on projected "end of life" and/or "end of support" for technology equipment and systems, and/or based on projected growth and advancements in technology. The 10-year Critical Replacement Plan has been updated for FY 2013-14 to include departments with their own IT organizations who have partnered with CTM to optimize return on capital investments.

Imagine Austin

CTM, CTECC and Wireless provide technology support for City departments that are providing direct support for programs in the comprehensive plan. Every city department is dependent upon technology to get their jobs done. As a result, CTM supports the Comprehensive plan indirectly by assisting departments to do the work which directly supports the plan. There are however, also some CTM services which align in a general sense with the Vision and guiding principles of the Imagine Austin Comprehensive Plan:

"Mobile and Interconnected" alignment

AustinGo – COA Website provides a vehicle through which citizens and visitors alike can interface with literally every aspect of City government and in many cases, facilitates the ability to connect with citizens, businesses and resources throughout the Community.

The Regional Radio System connects public safety organizations throughout the City and the region to facilitate communication and cooperation over a broad geographical area in emergency situations.

Wireless Mesh allows citizens to connect to the web wirelessly in various locations around the City including parks and other public places.

GAATN – The Greater Austin Area Telecommunications Network (GAATN) is an area-wide, high speed fiber optic telecommunications network which links approximately 120 City of Austin facilities and regional entities including the City of Austin, AISD, Travis County, University of Texas, State General Services Commission, LCRA, and ACC.

CTECC (Combined Transportation and Emergency Communications Center) supports all emergency services and operations in the City and serves as the hub of communication between and among the services as well as between the citizens and the emergency services including regional partners.

CTM's GIS Services provides maps, addressing and other community based information and services to assist citizens with getting to know their City geographically as well as demographically.

CIP Funding Sources

During the FY 2011-12 budgeting process, CTM presented a preliminary forecast of critical replacement needs for the next 10 years to maintain the existing IT infrastructure. In addition, specific needs for major investments in IT infrastructure were identified. Through discussion with the Budget Office, funding options and approval processes consistent with Financial Policy #10 were identified and the "CTM Capital Budgeting Process" was drafted. Financial Policy #10 states "Maintenance and replacement funding will

be prioritized each year to ensure that capital facilities and equipment are sufficiently maintained to avoid service disruptions". The CTM Capital Budgeting Process includes a combination of cash, debt and cost allocation.

Other potential funding sources

Department Operating Funds: Depending on the project, the operating costs, including maintenance and support and/or additional non-capital software licenses, may be funded either by the related departments' Operating Budgets or by CTM's Operating Budget (Operating Capital).

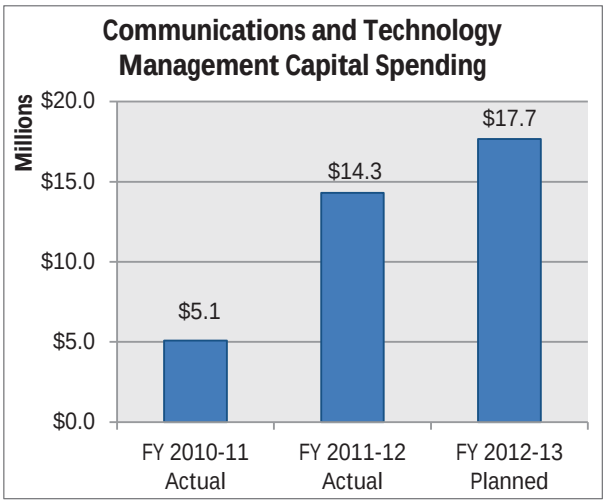
Grants: Some technology projects may be funded partially or entirely with grant funds. Public Safety, Health and Human Services, Parks, Library and others frequently utilize grant funds.

Other Sources:

- Public Safety related projects may be funded fully or partially with Police Department forfeited funds
- Some projects for GAATN, the Regional Radio System or CTECC may be fully or partially funded by the relevant partner agencies.
- Some large, multi-year projects may be funded through the use of debt financing, such as contractual obligations. The GATTRS and COATN 2 upgrades will be funded through contractual obligations.

Capital Spending History

The CIP expenditures for FY 2010-2011 and FY 2011-2012 and the Spending Plan FY 2012-2013 are illustrated below. FY 2011-2012 spending included an allocation for critical replacement, for initiatives that had been approved in prior years and for replacement of out-of-support Public Safety Radios. FY 2012-2013 spending included critical IT replacement projects, IT initiatives, critical infrastructure projects and roof repair.



Unfunded Capital Needs Requests

High Priority Unfunded CIP Initiatives (New and continuing)

Some of the top priority projects for FY 2013-14 are listed and described below. They include IT Infrastructure as well as Department-specific and Enterprise Business Initiatives, some of which are unfunded and some of which are only partially funded. The IT projects for 2014 have not been prioritized by the Governance process at this point; therefore this list is tentative and incomplete:

FY2014 Initiatives	Status
Primary Data Center Relocation - unfunded	FY 2014 Request
9-1-1 Back-up Center CAD Improvements – unfunded	FY 2014 Request
Replacement of Wi-Fi Mesh - unfunded	FY 2014 Request
Amanda Upgrade – partially funded	Continuing Enterprise Initiative
Maximo – partially funded	Continuing Enterprise Initiative
EDIMS – partially funded	Continuing Enterprise Initiative

Primary Data Center Replacement (New - CIP funding requested for 2014) - The Waller Creek Data Center is a legacy Data Center that was built for mainframe environment (with traditional power & cooling systems

with a static energy footprint) that is costly, non-scalable, and limited in flexibility. There are significant risks related to the continued operation of the existing primary and back-up sites including, but not limited to: uncertainties related to operating costs, flooding potential, power supplies, contiguous development, etc.

The current Waller Creek data center costs more to maintain than a leased space would cost and the city will be able to avoid hundreds of thousands of dollars of necessary updates to the 18 year old facility. About $400,000 was approved in the FY 2012-13 Operating Budget to bring in a consultant to start the move.

Public Safety 9-1-1 Backup Center Computer Aided Dispatch Improvements (New - CIP funding requested for 2014) - This initiative is to improve the Computer Aided Dispatch capabilities of the 9-1-1 Backup Center. The improvements will allow public safety agencies to relocate operations to the back-up center in an emergency with minimal reduction of 9-1-1 and dispatch capabilities. Funds are being requested for 2014.

Replace COA Wi Fi Mesh (New - CIP funding requested for 2014) - The existing outdoor mesh Wi-Fi system that provides free Wireless Internet access in parts of downtown and East Austin was donated to the City in 2006 by Cisco Systems and has been maintained and supported as-is, without expanding the original system footprint, by CTM-Wireless since installation. Antennas, power taps, switches, and mounts are at or near end-of-life and end-of-support. To continue providing this free public amenity, the City must plan for replacement of the original donated equipment. Funding is being requested for 2014.

Amanda Upgrade (Enterprise Initiative -continuing) - AMANDA is a critical enterprise system supporting business operations of 8 departments. Vendor support of the current system is terminating at the end of 2012. Upgrades to other technology (e.g., MS Office 2010) may not be compatible with the existing version of AMANDA. Modules available in the browser version can enhance customer satisfaction, automate processes resulting in better utilization of staff time, improve decision making, and improve compliance with security requirements. The Department Directors Advisory Committee (DDAC) for IT Governance has committed to recommending multi-year support for the AMANDA upgrade which has been requested by Municipal Court, Fire, Austin Transportation, Code Compliance, Health and Human Services, and Planning and Development.

Maximo (Enterprise Initiative – continuing) - This system has been identified as an enterprise application to be implemented citywide as needed, approved and funded. Aviation has implemented the MAXIMO Inventory and Work Order Management System. Public Works and Watershed Protection are currently in the process of implementing the system. Additional departments already approved for implementation of this application using General Fund CIP funds include APD, EMS, Fire and Building Services. Completion of these projects and expansion to Health, CTM and CTECC is planned for the future as staff resources and funding becomes available.

EDIMS (Enterprise Initiative – continuing) - EDIMS has been approved as the Enterprise Document Imaging and Management System and several departments have implemented the system. Departments previously approved for funding for implementation include: APD Risk Management, Controllers' Office and Small and Minority Business Resources. Library and NHCD requested implementation for 2013 and these projects are in the top 10 on the Governance priority list for 2013. Public Works is in the process of implementing EDIMS at this time.

Additional departments have requested implementation of EDIMS for FY 2012-13 and FY 2013-14 including ARR, CLM, HRD, NHCD, HRD and TARA.

Critical IT Replacement

See explanation above. The total cost over the next 10 years to replace critical IT assets is estimated to be $41.8M. Some of these costs will be allocated to agencies outside the City and to enterprise departments within the City. However, the City's General Fund will bear the greatest funding responsibility.

Note: Project plan pages are not included for CTM in this CIP Plan. CTM's CIP goes through the separate IT Governance process for information technology funding and project planning.

Economic Growth & Redevelopment Services Office

Economic Growth and Redevelopment Services Office

Department Overview

The purpose of the Economic Growth and Redevelopment Services Office (EGRSO) is to manage the City's economic development policies and to promote and facilitate sustainable growth in the Desired Development Zone, in partnership with the community, project developers and the City of Austin organization. The goal is to enhance livability and economic viability in a manner that preserves the character of Austin and its environment.

EGRSO provides the following services:

- Assistance to the City Council and City Manager in developing and implementing the City's economic development policies and programs, including the Emerging Technology Program and the Small Business Development Program.

- Project management and implementation services to project owners and stakeholders that ensure successful, on-time project completion.

- Engagement with primary employers and key project developers to encourage location and/or expansion in the Desired Development Zone including the downtown area, transit oriented development and blighted inner-city commercial areas

- Information and coordination of projects and studies for the community that encourage a mixed-use downtown:

- Provide up-to-date information about development in the downtown area
    - Serve as liaison to Downtown Austin Alliance
    - Serve as staff liaison to Downtown Commission
    - Produce and distribute Downtown Emerging Projects Map and Database
    - Manage the Business Retention and Enhancement (BRE) Loan Program

- Programs to nurture, preserve and promote Austin's arts and creative industries to strengthen and sustain Austin's dynamic cultural vitality:
    - Arts Marketing and Tourism
    - Cultural Funding Programs
    - Art in Public Places Program
    - Emerging Technology Program
    - Austin Community Cultural Plan

- Development services, programs and resources to entrepreneurs and small businesses so that they may become self-sustaining in a competitive business environment through the Small Business Development Program.

- Coordination of International economic development activities that strengthen Austin as a world-class business city where trade, finance, technology and a diverse population enable local businesses to thrive in the global economy.

EGRSO's 2014-2018 Capital Improvements Program (CIP) complements the office's purpose by 1) supporting redevelopment projects with public infrastructure and 2) providing fiscal and contract management of the Art in Public Places (AIPP) Program related to other departments' CIPs. The primary challenge for EGRSO is coordinating the CIP with other City department and private sector developers that typically deliver the Capital Improvement Projects through reimbursement agreements.

The EGRSO CIP is organized into either redevelopment projects or projects associated with the Art in Public Places (AIPP) Program, which is managed by EGRSO's Cultural Arts Division. These are tied directly into the office's unmet needs, which include ongoing redevelopment efforts in downtown, in the Seaholm District, and at Waller Creek. In addition, the CIP addresses the need to repair the City's public art collection.

Redevelopment

EGRSO facilitates the use of public-private partnerships to redevelop targeted areas of the city, which allows the use of the City's resources as well as those of a private developer. EGRSO manages the public-private partnership through the use of Master Development

Agreements. The EGRSO Redevelopment Services Project Delivery Division does not manage traditional Capital Improvement Projects. Typically, the publicly funded components of redevelopment projects are either managed by the responsible department or the private sector developer delivers the infrastructure under a reimbursement agreement and funding is established through debt financing on future revenues from the associated redevelopment project.

Art in Public Places (AIPP)

The AIPP Program receives a 2% contribution from eligible Capital Improvement Projects per City Code Chapter 7-2, the Art in Public Places Ordinance. These funds are managed by the EGRSO Cultural Arts Division (CAD). In addition, CAD-AIPP staff facilitates the artist selection process and contracts with professional visual artists for services related to the design, fabrication and installation of public art. Individual AIPP projects are therefore reflected in sponsoring departments' CIP Plan Pages. The CAD-AIPP staff is also responsible for the annual review and needs assessment for the City's Public Art collection, which currently consists of 210 works of art valued at nearly $7.5 million dollars. Inherent in the care of any aging public art collection, ongoing maintenance and repair are becoming paramount responsibilities, and staff has prioritized work on several pieces requiring immediate attention.

Prior Year Accomplishments

In FY2011-12, **Redevelopment** Services Project Delivery Division CIP accomplished the following:

- *Executed Master Development Agreement for Green Water Treatment Plant site redevelopment*, estimated at $500 million of development value, and completed the subdivision process.
- *Gables Park Plaza project* and associated parkland improvements recognized by Keep Austin Beautiful.
- *Increased scope of the Seaholm District Tax Increment Financing District (TIF#18)* to include Gables Park Plaza Phase II and proposed Bowie Bike/Ped Underpass.

Green Water Treatment Plant Redevelopment Rendering

• *Austin Film Studios (AFS)* completed $5 million of improvements to existing stages to provide better quality spaces for film production. EGRSO provided project management oversight of this 2006 bond-funded project.

Austin Film Studios

• *ZACH Topfer Theatre* completed a new $10M facility. EGRSO provided project management oversight for the partnership. This project also utilized 2006 bond funds.

ZACH Topfer Theatre

In FY 2011-12, eight public art projects were completed as part of the **AIPP program**. Those projects were:

- Deep Eddy Mural ("Deep Eddy Mural Project" by Lisa Orr and Wanda Montemayor)
- Austin Nature Science Center ("Arboreal Passage" by Colin McIntyre)
- Mexican-American Cultural Center ("Uprooted Dreams" by Margarita Cabrera)

"Uprooted Dreams" by Margarita Cabrera

- ZACH Theatre ("Rhytons" by Cliff Garten)

"Rhytons" by Cliff Garten

- Colorado River Park ("Turtles" by John Christensen)
- Northwest Recreation Center ("Community Screen: Charms" by Jill Bedgood)
- Austin Animal Center ("Every Place a History" by Brad Goldberg)
- Austin Fire Department/Carver Museum ("She Is Alive!" by J.D. Evans)

In FY 2012-13, Art in Public Places plans to complete 24 public art projects:

- System Control Center (Ned Kahn)
- Dittmar Recreation Center (Barna Kantor)
- 7th St. Obelisco (at Northwestern Ave.) (Artist TBD)
- African-American Cultural & Heritage Facility (Reginald Adams)
- Morris Williams Golf Course (Ansen Seale)

- EMS #33/Northwest Greenway (Hunter Cross)
- Colorado Street Streetscape (Dharmesh Patel and Autumn Ewalt)
- Congress Ave. Bike Rack Sculpture (Ben Harman)
- Congress Ave. Bike Rack Sculpture (Ann Armstrong)
- Asian-American Resource Center (Sunyong Chung and Philippe Klinefelter)
- Brazos Street Streetscape (Sodalitas)
- 2nd St (at Guadalupe) Streetscape (Laura Garanzuay)
- 2nd St (at Lavaca) Streetscape (Sadie Brewton)
- Pickfair Park Recreation Center (Artist TBD)
- TEMPO Program – approximately 10 temporary public artworks in various parkland locations (Artists TBD)

FY 2013-14 Work Plan

Redevelopment

Work will continue in FY 2013-14 on *redevelopment projects in the Seaholm District*. Projects include the Green Water Treatment Plant Redevelopment project, the railroad underpass at Bowie Street, the Seaholm parking garage, Seaholm District utility relocations, rehabilitation of the Seaholm Power Plant building, and the Seaholm roadways. The City of Austin is also participating in the launch of a national EcoDistricts pilot program. The City of Austin Sustainability Office is leading a collaborative exploration of how EcoDistrict strategies and criteria might be applied to the Seaholm District. An EcoDistrict is a neighborhood, or redevelopment area, committed to advancing sustainability through green building, smart infrastructure and behavior.

EGRSO will be providing project management oversight for two new projects that were approved in the 2012 bond election. The projects will be delivered as public / private partnerships: Austin Film Studios Expansion and East 51st Street Improvements.

Austin Film Studios Expansion will be delivered under an agreement between the City and AFS that provides bond funds to AFS for the design and construction of the project. It is presumed that AFS will enter into agreements for private project management services, professional services and construction services, as it did for the 2006 Bond-funded improvements.

East 51st Street Improvements will be a partnership between the City and Mueller Redevelopment to implement a coordinated vision for East 51st Street between IH 35 and Old Manor Road where the street provides important frontage for Mueller and Windsor Park neighborhoods. EGRSO will work closely with the Austin Transportation Department and Public Works Department on this project.

Art in Public Places

Art in Public Places staff is currently managing 65 artwork projects in conjunction with CIP projects from Bond initiatives in 2006, 2010 and cash-funded initiatives. In addition, there are an estimated 68 new eligible CIP projects funded from the 2012 Bond. The work plan will include coordination with the Capital Planning Office and multiple departments citywide for implementation of Art in Public Places participation over the next five years.

EGRSO will also continue restoration of works identified as in need of urgent care in 2007 in order to preserve the City's public art collection. The Collections Manager within the Cultural Arts Division works with artists, consultants and conservators to prioritize the works with highest need for attention, and serves as the project manager for overseeing these artwork repair projects.

Project Selection and Prioritization Process

Project selection and prioritization is tied directly into EGRSO's redevelopment efforts and administration of the AIPP Program. The projects managed by EGRSO are a reflection of the City's desire to redevelop targeted areas and to enhance Austin's image as a cultural and economic center. AIPP project locations are determined in coordination with the CIP projects that are contributing funding.

EGRSO coordinates with a variety of departments to further its redevelopment and public art goals, including Public Works, Austin Public Libraries, as well as the federal government (in connection with the Department's work on the recently completed Federal Courthouse).

Imagine Austin

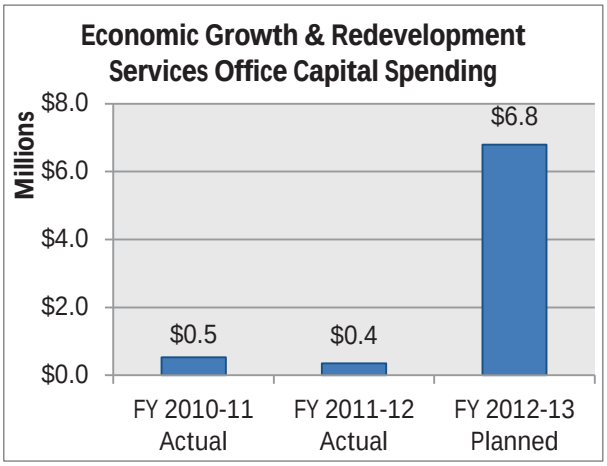
The Seaholm District CIP primarily addresses the "Invest in a compact and connected Austin" priority program of the Imagine Austin Comprehensive Plan. By redeveloping underutilized and decommissioned utility property into a vibrant, dense, mixed use project, it supports the growth of Downtown and reduces the pressure to develop at lower densities on Austin's periphery. Extending the street grid through the site connects it to the rest of Downtown, and provides additional mobility alternatives.

The Cultural Arts Division component of the EGRSO CIP Plan supports the Imagine Austin Core Principles for Action by implementing key policies and actions related to two (2) priority programs. First, the Art in Public Places projects invest in a compact and connected Austin through its 2% allocation for art programs and streetscape public art projects by infusing public art into Great Street projects for purposes of beautification through cultural landmarks as well as contributing to functionality and connectivity through wayfinding and streetscape amenities. For example, the artist designed bike racks currently under commission for Congress Avenue contributes to the Bicycle Mobility Master Plan and provides functional bike racks while using imagery that speaks to the values of Austin such as recycling and the natural environment. Public art planning for streetscapes considers the various modes of transportation such as use of 2nd Street District sidewalk enhancements and artist-designed drinking fountains for pedestrian mobility and connectivity, and in artwork by a diversity of local artists' stories told through visual representation as part of the 7th Street Corridor wayfinding to enhance the vehicular and pedestrian experience.

Additionally, EGRSO Cultural Arts Division CIP projects support the Imagine Austin priority program "grow and invest in Austin's creative economy". The public art collection is richly diverse with more than 210 artworks valued at more than $7 million. Since the program's inception in 1985, over 80% of the artists contracted for art enhancements as part of CIP projects are locally-based and live or work in Austin. On average, artists hire two to four subcontractors or local businesses for services such as engineering or fabrication in order to complete a project, thus further infusing the dollars into Austin's economy. Investment in the CIP for restoration helps to preserve and promote iconic and unique Austin facilities that attract tourists, creative workforce development and business, and further establishes Austin as a magnet for arts, culture, and creativity.

CIP Funding Sources

EGRSO funds its redevelopment and art projects through a combination of debt and grant funding. Following is a chart illustrating EGRSO's CIP spending for FY 2010-11, FY 2011-12 and planned spending for FY 2012-13. For all three fiscal years, spending was driven by the redevelopment and art projects already mentioned in this narrative. The majority of EGRSO CIP is associated with the Seaholm Redevelopment. Once construction begins, expenditures for reimbursement will rapidly occur.



Unfunded Capital Needs Requests

EGRSO has two unfunded requests. The first is a request for funds to complete restoration of works identified as in need of urgent care in 2007 in order to preserve the City's public art collection. In order to continue to care for the City's public art collection, EGRSO is in need of a long-term funding source for artwork repairs, conservation and improvements. In 2009, a consultant tasked with providing an estimate of repair costs set this figure at $500,000. With $175,000 made available in FY 2012-13, the remaining estimated unmet need consists of $325,000.

The second is $2,000,000 to finish out a 10,000 square foot facility to accommodate EGRSO's Small Business Development Program staff and services. The 2009 Needs Assessment Study found that, due to time constraints, small business owners need services available in one convenient location. Currently, SBDP provides services at three separate locations: One Texas Center, the Entrepreneur Center, and the offices of the technical assistance provider. The physical separation of these services, combined with the time constraints mentioned above, will continue to prevent small business owners from taking full advantage of services that can help them get started, survive, and grow until all services are available at a single location.

The Small Business Development Facility would provide a dedicated facility for providing small business development services and resources at one convenient location. A long-term leasehold interest in a commercial building of approximately 10,000 sq. ft. would house all of EGRSO's Small Business Development Program and staff, allowing small business owners to attend training classes, visit the Business Solutions Center, and receive technical assistance at a single location. The facility would also provide space for new programs, such as a planned Small Business Accelerator that will house and support small business startups, giving them a better chance to survive and grow.

2013-2014 CIP Spending Plan Summary

Economic Growth & Redevelopment Services Office

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
8278:Art Restoration	$78,360	$75,000	$22,640	$0	$0	$0	$0	$176,000
7524:Austin Studios	$5,000,000	$759,000	$4,583,000	$58,000	$0	$0	$0	$10,400,000
9303:Downtown Austin Alliance AIPP Bike	$20,000	$0	$0	$0	$0	$0	$0	$20,000
7328:Seaholm District	$17,036,867	$26,759,231	$16,762,970	$1,708,085	$1,131,250	$131,250	$0	$63,529,653
Total	**$22,135,227**	**$27,593,231**	**$21,368,610**	**$1,766,085**	**$1,131,250**	**$131,250**	**$0**	**$74,125,653**

2013-2014 CIP Funded Appropriation Request Summary

Economic Growth & Redevelopment Services

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
8278:Art Restoration	$176,000	$0	$0	$0	$0	$0	$0	$176,000	Cash
7524:Austin Studios	$5,000,000	$2,000,000	$3,400,000	$0	$0	$0	$0	$10,400,000	Debt
9303:Downtown Austin Alliance AIPP Bike Rack	$30,000	($10,000)	$0	$0	$0	$0	$0	$20,000	Grants
7328:Seaholm District	$63,271,038	$258,615	$0	$0	$0	$0	$0	$63,529,653	Other Debt
Total	**$68,477,038**	**$2,248,615**	**$3,400,000**	**$0**	**$0**	**$0**	**$0**	**$74,125,653**	

DRAFT

Emergency Medical Services Department

Emergency Medical Services

Department Overview

The mission of Austin-Travis County Emergency Medical Services Department (ATCEMS) is to change the lives of the people we serve through a reliable, effective and affordable clinical practice that exceeds our customers' expectations. ATCEMS's vision is to be trusted by our community, employees, and partners as the clinical provider of choice that clearly demonstrates our value to our patients through our practice and outcomes, and to be considered the organization that others want to emulate.

The ATCEMS proposed Fiscal Year (FY) 2013-14 Capital Improvement Program complements the Department's mission by ensuring that ATCEMS can improve and expand our service and support capacity. The primary goal of the CIP plan is to ensure that the Department has adequate infrastructure to continue to provide superior service to the City of Austin and Travis County in an environment with increases in population, service volume, and traffic congestion.

In the ATCEMS Business Plan for FY 2013-14, Performance gap #7 addresses resource utilization and distribution "to address an aging population, rising call volume due to density and annexations, and an increase in special events in the community." New facilities and enhancements will maintain existing performance levels and meet growing demand.

ATCEMS's CIP Plan is organized into two areas: New Facilities and Facility Modifications. Expanding ATCEMS's resources across the service area by adding new facilities will provide sufficient geographical coverage as the demand for services continues to grow. Modifications to existing facilities address changing unit configurations and allow us to make the most efficient use of existing resources.

Prior Year Accomplishments

In FY 2012-13, construction of the *Mueller station* was substantially completed. A Certificate of Occupancy was issued, and upon completion of fencing modifications and internal configuration, the station will be fully staffed.

FY 2013-14 Work Plan

Expansion of truck bays at EMS Stations 2, 8, and 11 – Building modifications are needed to accommodate the larger vehicles in the current ambulance fleet. The project also includes the renovation and expansion of crew quarters, as well as improvements to comply with ADA and fire code standards.

Project Selection and Prioritization Process

The top CIP priorities identified by ATCEMS in the preparation of the Department's FY 2013-14 CIP Plan are:

New Facilities

New facilities are requested to address increasing demand for services while continuing to provide outstanding care to patients. New facilities located in areas of significant call volume will address the need to expand the Department's service capacity. New facilities are prioritized based on current call volume and response times, annexations, and projected growth in population and density.

Facility Modifications

Facility enhancements are requested to accommodate changes such as vehicle reconfigurations, safety concerns, increased service volume, and greater demand for support services. Enhancements are prioritized based on severity of facility deficiency and identification of violations of ADA, fire code or other building regulations.

Imagine Austin

Priority Program #7 of the Imagine Austin Comprehensive Plan sets a goal to create a Healthy Austin Program. The prompt provision of emergency medical services to the residents of Austin will contribute to the achievement of this program goal. This service will be supported by facilities sited in locations of greatest unmet demand and configured to ensure efficient operations and maintain secure custody of City vehicles and other assets.

In addition, two Imagine Austin Working Group Priority Actions are directly linked to CIP planning for ATCEMS:

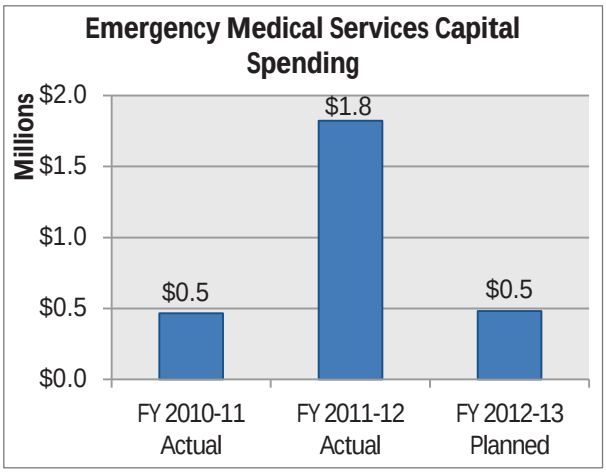
City Facilities and Services Building Blocks (CFS A14): Coordinate performance measures across public safety agencies to better plan for additional facilities, units, and staffing and to provide better oversight and service to all parts of Austin as the city grows.

City Facilities and Services Building Blocks (CFS A17): Conduct and maintain a comprehensive existing AFD and ATCEMS building condition report to assess the need for remodeling, expansion, replacement, or consolidation of facilities.

CIP Funding Sources

The funding for ATCEMS CIP projects is generated by bond sales (for example, construction costs for the Mueller Station of $3.1 million were funded through the 2006 Bond Program). Funding for the ambulance bay expansions for Medic 2, Medic 8, and Medic 11 will be funded through the 2012 Bond Program.
The operating costs of the CIP program, including additional staff, supplies and equipment as well as ongoing operating and maintenance expenditures, are funded through the department's General Fund operating budget and the City's Vehicle Acquisition Fund.

In recent years, CIP spending has been driven solely by the Mueller Station project. Annual CIP spending history since FY 2010-11 is summarized in the following chart:



Construction costs made up the majority of CIP spending in FY 2010-11 and FY 2011-12, and are expected to be the primary cost driver in FY 2012-13.

2013-2014 CIP Spending Plan Summary

Emergency Medical Services Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6023:EMS Station #33 - Fire Station #14	$3,100,000	$0	$0	$0	$0	$0	$0	$3,100,000
7047:EMS Truck Bays and Facility	$0	$588,000	$3,200,000	$0	$0	$0	$0	$3,788,000
Total	**$3,100,000**	**$588,000**	**$3,200,000**	**$0**	**$0**	**$0**	**$0**	**$6,888,000**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Emergency Medical Services

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6023:EMS Station #33 - Fire Station #14	$3,100,000	$0	$0	$0	$0	$0	$0	$3,100,000	Debt
7047:EMS Truck Bays and Facility Improvements	$0	$600,000	$3,188,000	$0	$0	$0	$0	$3,788,000	Debt
Total	**$3,100,000**	**$600,000**	**$3,188,000**	**$0**	**$0**	**$0**	**$0**	**$6,888,000**	

DRAFT

Financial Services Department

Financial Services Department

Department Overview

The Financial Services Department (FSD) mission is to maintain the financial integrity of the City and to provide comprehensive and integrated financial management, administrative, and support services to City departments and other customers so they can accomplish their missions. FSD is responsible for the oversight and implementation of several 2006 Bond Program Projects that did not fit into another single department's operations or mission. The FSD Capital Improvements Program (CIP) structure consists of the African American Cultural and Heritage Facility, Asian American Resource Center, Austin Studios, Joint Public Safety Training Facility, and the Mexic-Arte Museum.

Prior Year Accomplishments

In Fiscal Year (FY) 2012-13, the *African American Cultural and Heritage Facility* celebrated its grand opening on March 1, 2013. The project included the restoration of the historic Dedrick-Hamilton House, construction of a 4,000 square-foot building with meeting space, offices, and a multi-purpose room, and a mosaic mural entitled "Reflections" that pays tribute to the people, places, and events contributing to East Austin culture.

The Asian American Resource Center reached substantial completion in spring 2013 and contains classrooms, a community activity center, and cultural exhibition and display space.

FY 2013-14 Work Plan

The FY 2013-14 work plan includes any necessary detail work remaining at the Asian American Resource Center and continuation of the Mexic-Arte Museum preliminary and design phases of its renovation.

Project Selection and Prioritization Process

As previously noted, the FSD capital program is limited as it rarely has projects specifically related to its mission. In the event FSD determines a need for a departmental capital project and not simply a project where FSD provides an oversight role such as was the case with several 2006 Bond Program projects, the selection and prioritization is driven by operational infrastructure needs. While projects are infrequent, they are first considered by staff to ensure each meets the mission and goals of the department and then presented to executive staff for approval.

Photo courtesy of Sarah Fusco

Imagine Austin

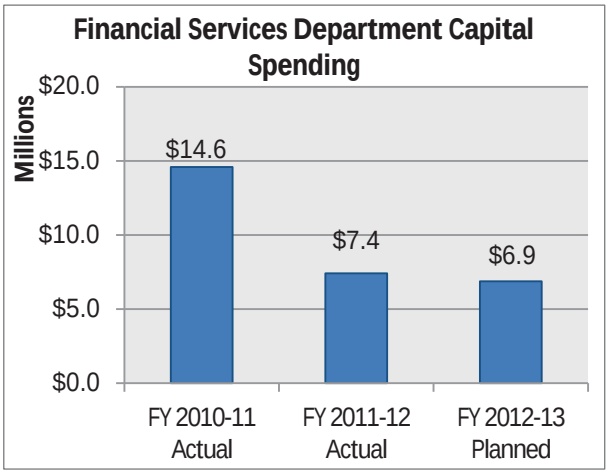
The majority of FSD projects work implements the "Grow and Invest in Austin's Creative Economy" priority program of the Imagine Austin Comprehensive Plan. *The Austin Studios project* supports capital improvements to a City-owned facility that is leased and operated by the Austin Film Society as part of a public/private venture. This helps Austin grow and invest in Austin's creative film industry.

The African American Heritage and Cultural Facility, the Asian American Resource Center, and the Mexic-Arte Museum all contribute to improving tourism offerings for cultural diversity through education and exhibits. The *African American Cultural and Heritage Facility* houses space for the Pro Arts Collective and Capital City African-American Chamber of Commerce to expand and enrich African-American arts, culture, and businesses.

The Mexic-Arte Museum is designated as the Official Mexican and Mexican Fine Art Museum of Texas. The City of Austin's contribution to this project supports its renovation to stimulate visitor attendance. Construction of the *Asian American Resource Center* provides educational, cultural, and business services as well as space for an amphitheater, retail village, and a senior activity recreational center. All of these projects help sustain and grow Austin's culture and quality of life.

CIP Funding Sources

FSDs projects are funded through the 2006 Bond Program. FY 2010-11 and FY 2011-12 actual spending and FY 2012-13 planned spending is driven by the projects previously described.



2013-2014 CIP Spending Plan Summary

Financial Services Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7525:African American Heritage and Cultural Facility	$4,371,305	$31,903	$0	$0	$0	$0	$0	$4,403,208
7523:Asian American Resource Center	$5,786,999	$64,921	$0	$0	$0	$0	$0	$5,851,920
7573:Mexic-Arte Museum	$120,008	$0	$4,879,992	$0	$0	$0	$0	$5,000,000
Total	**$10,278,313**	**$96,824**	**$4,879,992**	**$0**	**$0**	**$0**	**$0**	**$15,255,129**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Financial Services

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
7525:African American Heritage and Cultural Facility	$4,403,209	$0	$0	$0	$0	$0	$0	$4,403,209	Debt Grants
7523:Asian American Resource	$5,851,921	$0	$0	$0	$0	$0	$0	$5,851,921	Debt Grants
7573:Mexic-Arte Museum	$5,000,000	$0	$0	$0	$0	$0	$0	$5,000,000	Debt
Total	**$15,255,130**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$15,255,130**	

DRAFT

Fleet Services

Fleet Services

Department Overview

The mission of the Fleet Services Division is to provide Fleet management services to the City of Austin, to continue building and maintaining positive working relationships while exceeding expectations; and to provide exceptional service in a safe, efficient, environmentally responsible, and ethical manner. Services include managing the full life cycle of all vehicles and equipment including vehicle and equipment acquisitions, fueling, maintenance, repair and disposition.

The purpose of Fleet Services proposed Fiscal Year (FY) 2013-14 Capital Improvements Program (CIP) is to renovate and upgrade current facilities, environmental compliance, update technology to enhance operations, and to plan for future facility sites. Fleet's capital projects are focused on areas that will align with the Department's business plan objectives of improving services to other City departments.

Fleet currently has three categories of projects in its CIP. They are organized as follows:

Building Improvements – To fund the development of future facility sites, and the improvement, repair, and retooling of current locations.

Fleet Fuel Facility Improvements – Fund additions and upgrades to the fuel infrastructure and automation of current fuel sites.

M5/FuelFocus Upgrade – Focused on converting the current Fuel database from M4 to oracle based M5 and introducing technology to automate data collection.

Prior Year Accomplishments

Building Improvements

In FY 2012-13 funds were used to complete the installation of upgraded security systems at administration facilities. By the end of the year, Fleet will also modify existing fuel stations to include Diesel Exhaust Fluid (DEF) dispensers at major fueling sites in order to meet Environmental Protection Agency emission reduction requirements. Fleet intends to rent and renovate an interim facility to support the City's expanding Vehicle Support needs. In addition, throughout the year various repairs and improvements to current sites will require funding to ensure facilities are service ready to fulfill Fleet's mission in a safe, efficient manner.

The search for a consolidated service center site continues in FY 2012-13. Due to the City's growth over the last decade, Fleet is in need of a service center that will allow consolidated services and promote efficiencies. While Fleet has been able to manage the increase in workload, it has become more difficult to operate in its current facilities.

Fleet Fuel Facility Improvements

In FY 2012-13, Fleet will begin a program to modernize its existing fuel sites and upgrade the fuel hardware. Much of the hardware at Fleet's 40 plus fuel sites has passed its life expectancy and is incurring increased maintenance costs. This upgrade is scheduled to be completed over the next three years. In addition, Fleet will begin installing fuel island video monitoring to significantly improve security and monitor activity at the sites.

Fleet continues to pursue the City's carbon neutral goals as outlined in the 2020 Carbon Neutral Fleet Plan. As a result Fleet has identified the need for and begun implementation of the expansion of Fleet's existing Compressed Natural Gas (CNG) site from a 28 point slow fill station to a 56 point slow fill fuel station. This expansion will accommodate the City's growing CNG vehicle fleet. Additionally Fleet has identified a need for expanded Ethanol (E85) capacity at the North Service center and has begun installation of an E85 tank to service vehicles operating in that area. In particular this new tank will primarily service the north sector APD

frontline patrol fleet that operates alternative fuel vehicles. Fleet Services' goal is to continue to green the City's fleet and provide adequate fuel infrastructure to support that growing demand.

M5/FuelFocus Upgrade
The implementation of radio frequency technology continues with an additional 500 vehicles estimated to be completed in FY 2012-13. This technology allows for "card-less" activation of the fuel system, provides added safeguards for fuel dispensing, increases fuel process efficiency, and increases the accuracy of Fleet's data.

FY 2013-14 Work Plan

Building Improvements

Building improvement monies will be spent in FY 2013-14 to provide general shop repairs and retooling to adequately support on-going operations at the Service Centers. Additional funds may also be spent in the search and acquisition of a site to accommodate a consolidated Fleet service center that will meet customer demands as well as centralize Fleet's Administrative and Vehicle Support Services. Once a property is identified for a consolidated service center, design and construction will commence via a multi-departmental agreement and partnership.

Fleet Fuel Facility Improvements
The program to modernize Fleet's existing fuel sites that began in FY 2012-13 will continue with completion projected in FY 2014-15. In addition, the project to install fuel island video monitoring for improved security is projected to be completed in FY 2013-14.

M5/Fuel Focus Upgrade
Fleet will also continue implementation of radio frequency technology as another 500 vehicles are planned for conversion.

Project Selection and Prioritization Process

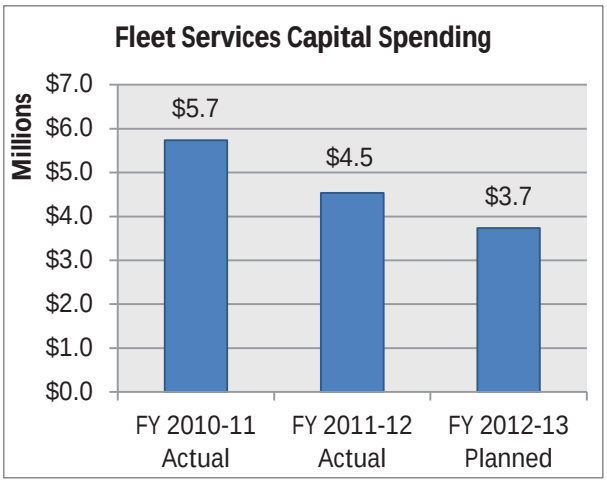
Fleet selects projects based on the highest priority needs and ones that will provide the best solution to issues facing Fleet in the accomplishment of its mission. Current projects address issues related to a more efficient and centralized service center with the ability to handle the increased vehicle and service volume. Additional concerns are also addressed with the fuel site hardware upgrade and fuel island video monitoring.

Imagine Austin

Fleet Service's capital improvement projects fully complement the Imagine Austin Comprehensive Plan vision. Fleet provides the full range of fleet services that are essential for all departments to perform their missions, including the implementation of Imagine Austin priority programs. The proposed consolidated service center and the additional consolidated services would specifically relate to a more compact and connected Austin. When evaluating sites for a consolidated service center, Fleet will look for opportunities to co-locate with key customers which would minimize downtime related to transferring vehicles to and from the shop. Also, the Fleet capital projects incorporate the latest technology to support green initiatives including alternative fuels and plug in/hybrid vehicles. Additional fuel sites with alternative fuel capability located in identified growth corridors also contribute to the goal of sustainably managing environmental resources. With these capital improvement projects, Fleet can continue to provide the services that support all departments and, in turn, the implementation of Imagine Austin.

CIP Funding Sources

Fleet Services typically funds its projects through transfers from its operating budget. When necessary, debt is utilized to fund larger scale projects. The graph below illustrates FY 2010-11 and 2011-12 actual capital spending, as well as planned spending for FY 2012-13. FY 2012-13 spending consists primarily of fuel hardware upgrades, fuel island video monitoring, implementation of radio frequency technology and various facility improvements.


Fleet Services Capital Spending
Millions
$7.0
$6.0
$5.0
$4.0
$3.0
$2.0
$1.0
$0.0
$5.7
$4.5
$3.7
FY 2010-11 Actual
FY 2011-12 Actual
FY 2012-13 Planned

2013-2014 CIP Spending Plan Summary

Fleet Services

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6011:Building Improvements - Fleet	$2,210,567	$1,170,000	$1,083,059	$147,727	$0	$0	$0	$4,611,353
6027:Fleet Fuel Facility Improvements	$2,020,258	$250,000	$350,000	$110,743	$0	$0	$0	$2,731,001
7798:M5/FuelFocus Upgrade	$1,315,693	$200,000	$200,000	$200,000	$161,160	$0	$0	$2,076,853
Total	**$5,546,518**	**$1,620,000**	**$1,633,059**	**$458,470**	**$161,160**	**$0**	**$0**	**$9,419,207**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Fleet Services

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6011:Building Improvements - Fleet	$4,611,353	$0	$0	$0	$0	$0	$0	$4,611,353	Debt Cash
6027:Fleet Fuel Facility Improvements	$2,731,000	$0	$0	$0	$0	$0	$0	$2,731,000	Debt Grants Cash
7798:M5/FuelFocus Upgrade	$2,076,853	$0	$0	$0	$0	$0	$0	$2,076,853	Cash
Total	**$9,419,206**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$9,419,206**	

DRAFT

Health & Human Services Department

and

Animal Services Office

Health and Human Services Department

Department Overview

The mission of the Austin/Travis County Health and Human Services Department (HHSD) is to promote and protect the health of the community through the use of best practices and community collaborations. The Capital Improvements Plan (CIP) of the HHSD supports this mission by enhancing the Department's ability to provide services, redeveloping and improving infrastructure to accommodate increased demand, and repairing existing facilities.

During the Fiscal Year (FY) 2013-14 business plan process, HHSD identified performance gaps which addressed the department's limited capacity to meet public health challenges with current resources. The proposed FY 2014-2018 CIP plan includes requests that would aid HHSD in renovating and expanding facilities to withstand the increased demand for services.

HHSD typically focuses on project-specific capital improvements plans as there is no ongoing CIP function within the daily operations of the department; however, projects are typically grouped as either a **new facility** or a **facility modification**. Projects included in this plan identify needs related to improving community health and increasing or maintaining service levels at existing facilities.

Prior Year Accomplishments

Construction of the new Austin Animal Center was completed in FY 2011-12. This project began as an HHSD project, but has transferred to the Animal Services Office in FY 2012-13. For more information on the Austin Animal Center please view the Animal Services Office's narrative.

FY 2013-14 Work Plan

The FY 2013-14 work plan includes the following projects which were funded during the 2012 Bond Program:

Facility Modification

The Betty Dunkerley Campus (BDC) Infrastructure Improvements will upgrade and widen the interior ring road, address drainage issues, upgrade signage and lighting, create additional parking and create a second entrance to the campus from Gardner Road. The BDC is located at 7201 Levander Loop. This project is associated with the BDC Conceptual Plan and scheduled to begin in FY 2012-13.

The Parking Lot Expansion project will add parking spaces at the Montopolis Neighborhood Center located at 1416 Montopolis Drive, and the Far South Clinic at 405 W. Stassney Lane. The two centers provide services for low and moderate-income families, including supplemental nutrition and guidance for women, infant & children (WIC) clients, immunizations, and screenings for sexually transmitted diseases (STD), tuberculosis (TB). This project is scheduled to begin in FY 2012-13.

The Women & Children's Shelter Renovation and Addition will address capacity, renovation and repair needs for this site. This 13,328 square-foot facility provides continuous emergency shelter, specialized counseling, basic needs, childcare, and educational services for single women and women with dependent children.

New Facility

The Montopolis Community Building – Neighborhood Health Center is a project to build a new full-service neighborhood center/recreation center joint use facility in cooperation with the Parks and Recreation Department (PARD).

Project Selection and Prioritization Process

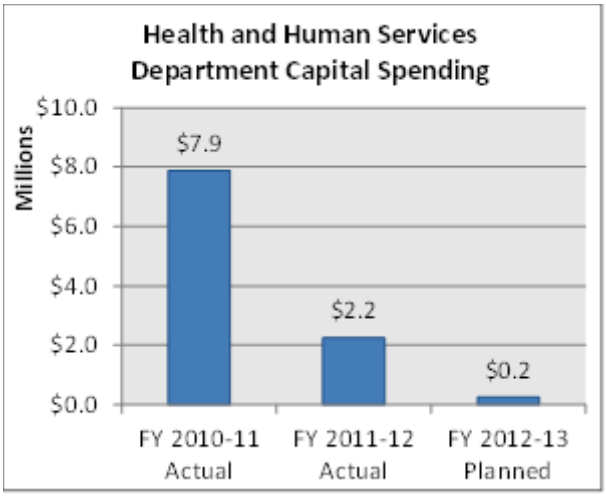
Each year HHSD staff submits CIP requests based on infrastructure needs. These requests are reviewed internally by management with final prioritization made by the Department Director and the Executive Leadership Team. The current submissions include development and improvements to the BDC, expansion of two facility parking lots, renovations to the Communicable Disease Clinic, a feasibility study at the Blackland Neighborhood Center, and renovations to and expansion of the Women and Children's Shelter.

Imagine Austin

An investment in the projects included in this plan would enhance and support the implementation of the Imagine Austin Comprehensive Plan. Priority program #7, Create a "Healthy Austin" program, correlates with the department's mission to promote and protect a healthy community through the use of best practices and community collaborations. The HHSD CIP projects address and support the priority program by improving the Department's ability to provide services and expand access to services in underserved populations, particularly as demand continues to increase.

CIP Funding Sources

The HHSD projects are primarily funded through General Obligation Bonds. The chart below illustrates the department's capital spending in FY 2010-11 and 2011-12 and the anticipated spending in FY 2012-13.



In FY 2010-11, HHSD spending included construction cost for the new Austin Animal Center. During FY 2011-12, post construction costs for the Animal Center were the primary expense drivers.

Unfunded Capital Needs Requests

HHSD is continuously challenged with providing adequate space for department operations as the demand for service increases. The Blackland Feasibility Study is a requested project in FY 2013-14. This project is needed as a first step to evaluate facility options that will effectively and efficiently increase office space, waiting area, food pantry, clothes closet and reception area. The center has experienced an increase in the number of persons requesting services by 64% over the last three years. Inadequate space for indoor waiting area requires clients and community members to wait in lines outside the building blocking entrances and exits posing potential safety concerns. The current office structure does not allow for confidential client interview, limiting staff's ability to comply with HIPAA requirements.

Renovation to the Communicable Disease (CD) Clinic is also a requested project in FY 2013-14. The CD unit provides direct services to clients for STD testing and treatment, TB evaluation and treatment, health assessment for refugees, HIV/STD counseling, and social work services. The current space is not adequate to meet the needs/demands for these services and prevents any service expansion. This proposal would increase the number of exam and counseling rooms, expand the waiting area and laboratory space, and modify the registration area. These modifications would increase efficiency and capacity at the clinic which currently services over 23,000 clients annually.

Austin Animal Services Office

Department Overview

The Austin Animal Services Office (ASO) provides shelter, enforcement, and prevention services for Austin and the unincorporated areas of Travis County. In partnership with community organizations, Animal Services provides a safety net for lost and homeless pets and is committed to sustaining Austin's No Kill goal of finding live outcomes for at least 90% of the companion animals that enter the shelter each year. The Field Services unit enforces animal regulations including state-mandated Rabies control and all local municipal ordinances. The unit focuses on prevention-based services aimed at assisting citizens in complying with regulations. Humane education and outreach programs serve to prevent unwanted litters of cats and dogs by providing access to low and no-cost spay/neuter services. Outreach programs also help animals stay in their current homes by providing medical, behavior, and food assistance for pets and their people. Shelter services provide animal care, veterinary care, and placement services for nearly 20,000 companion animals each year.

During the Fiscal Year (FY) 2013-14 business plan process, ASO identified performance gaps which addressed the department's limited capacity to sustain the 90% live outcome goal with current resources. The proposed FY 2014-18 plan includes requests to increase ASO's capacity to serve the growing number of animals being brought into the Austin Animal Center annually.

ASO does not have an ongoing CIP function. As such, the department typically has project-specific requests for capital improvement. The requests set forth in this proposed plan are critical because the current center is operating at capacity and ASO has been operating an overflow location at Town Lake Animal Center (TLAC) in order to save all healthy and treatable animals as directed by City Council resolution.

Prior Year Accomplishments

In FY 2011-12, construction of the new Austin Animal Center (AAC) was completed. This state-of-the-art, LEED-Certified facility began operations in November 2011. This project began as a Health and Human Services Department project, but has transferred to the Animal Service Office (ASO) in FY 2012-13. The AAC has allowed Animal Services the opportunity to better streamline services to the customer, and allowed for better workflow throughout the department.

FY 2013-14 Work Plan

All projects discussed are currently unfunded and are addressed in the unfunded projects section of this narrative.

Project Selection and Prioritization Process

ASO staff submits CIP requests based on infrastructure and capacity needs. The Animal Services Officer and Deputy Animal Services Officer identified the CIP projects to address operational challenges and add capacity to house the increasing number of animals brought to the Austin Animal Center.

Imagine Austin

An investment in the projects included in this plan would enhance and support the implementation of the Imagine Austin Comprehensive Plan by creating and sustaining green infrastructure. The AAC is a LEED Gold certified building and the proposed renovations and additions will also maintain LEED certification.

CIP Funding Sources

All requested projects are unfunded at this time. As a new office, ASO has not had a spending plan. All prior year projects were funded through HHSD.

Unfunded Capital Needs Requests

The Austin Animal Center requires several facility and site modifications and one new construction item to continue serving the increasing needs of Austin's animal

population and maintain the goal of a 90 percent live outcome for the animals coming through the facility.

Facility Modification

ASO requests that the current quarantine kennel be converted to an adoption kennel to increase the adoption capacity of the center. This conversion will allow ASO to address some of its immediate capacity needs for kennel space.

ASO also requests funding for facility and site modifications to improve operations, such as ensuring that all dog kennels have “dog doors”, replacement of the shelter’s HVAC units, and landscaping drainage improvements.

New Construction

In addition to the quarantine kennel conversion, ASO requests the construction of two new adoption kennels at the AAC. The Austin Animal Center does not have enough large dog kennels to meet current needs. This has forced the center staff to identify alternative short term solutions in an effort successfully save lives through adoption of animals at the center. The new adoption kennels will allow ASO to address the current need and prepare for the continued growth that is happening in Austin.

2013-2014 CIP Spending Plan Summary

Health and Human Services Department and Animal Services Office

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7526:Animal Services Center	$15,873,078	$0	$0	$0	$0	$0	$0	$15,873,078
1288:Austin Resource Center For The Homeless (A.R.C.H.)	$685,000	$0	$0	$0	$0	$0	$0	$685,000
6013:Building Improvements - HHSD	$153,000	$1,329,150	$2,304,600	$768,200	$192,050	$0	$0	$4,747,000
6653:HHSD Campus	$77,000	$269,000	$1,462,000	$112,000	$0	$0	$0	$1,920,000
Total	**$16,788,078**	**$1,598,150**	**$3,766,600**	**$880,200**	**$192,050**	**$0**	**$0**	**$23,225,078**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Health and Human Services

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
7526:Animal Services Center	$15,873,077	$0	$0	$0	$0	$0	$0	$15,873,077	Debt Cash
1288:Austin Resource Center For The Homeless (A.R.C.H.)	$685,000	$0	$0	$0	$0	$0	$0	$685,000	Cash
6013:Building Improvements - HHSD	$0	$2,057,000	$2,690,000	$0	$0	$0	$0	$4,747,000	Debt
6653:HHSD Campus	$0	$575,000	$0	$1,345,000	$0	$0	$0	$1,920,000	Debt
Total	**$16,558,077**	**$2,632,000**	**$2,690,000**	**$1,345,000**	**$0**	**$0**	**$0**	**$23,225,077**	

DRAFT

Municipal Court

Austin Municipal Court

Department Overview

Municipal Court's mission is to provide fair, efficient, and accountable service to the public by impartially administering justice so that the quality of life is enhanced. The Municipal Court provides all magistrate services for the Travis County jail and handles class 'c' misdemeanor cases filed by a number of city departments, AISD, and the Texas Alcoholic Beverage Commission. It is anticipated that 395,000 new cases will be filed in the Austin Municipal Court in Fiscal Year (FY) 2012-13.

Cases that are filed in Municipal Court include violations involving:

- Traffic
- City ordinances
- State codes
- Parking
- Red light camera

The Court's goals are to provide exceptional customer service, to provide effective and impartial administration of justice and enhance organizational health. The CIP supports these goals by providing for new and renovated facilities which will improve customer service and due process. It also provides for a new case management system which will increase efficiency with enhanced online services and streamlined processes.

Facilities

A new main courthouse has been approved which will accommodate the needs of today's Court as well as that of the future. The current facility, constructed in 1953, does not have enough space for adequate public service, staff work space, or parking. Courtrooms, hearing offices, and other public spaces are outdated and cramped. There is no dedicated space for confidential attorney-client conversation or juror assembly. Parking is often unavailable and paid parking is limited. The new facility will address these deficiencies.

The new courthouse will be located at 7211 North IH-35 Service Road NB, Austin Texas at the corner of St. Johns Ave. where an unused Home Depot retail center is still located. It will be co-located with the Austin Police Department's (APD's) Northeast Substation. Partial funding was obtained in the city's 2006 Bond election and additional funding options are being explored.

A new downtown substation is planned to supplement the Court's north and south substations when the main courthouse is relocated to St. Johns Ave. There also have been discussions in the past that the Downtown Austin Community Court may be relocated when the Municipal Court moves.

Case Management System / AMANDA Upgrades

Municipal Court has been advised that support for the current version of its case management computer software will cease in two to three years, thereby requiring a major upgrade to a new version or entirely new software. CSDC owns the current software and the planned upgrade includes a number of enhancements and moving to its AMANDA platform. The City currently has a contract with CSDC because a number of other city departments already use AMANDA.

Discussions have been held with the City's Communications and Technology Management (CTM) department and the Purchasing Office with the result being that the most economical solution is to upgrade to a new version of the current software using the AMANDA platform, which is still in the development stage, and also upgrade the versions of AMANDA used by the other departments. This will truly be an enterprise solution. The Downtown Austin Community Court, which is currently using case management software that is not compatible with that of Municipal Court, will also move to the new system. CTM, Purchasing and Municipal Court are currently working on this project.

FY 2013-14 Work Plan

The FY 2013-14 work plan includes proceeding with design considerations for the new court, a substation and/or renovated facility. Options are under consideration for the most appropriate use of space to meet City and departmental needs. The Court is also

planning for the purchase and implementation of a new case management system.

Project Selection and Prioritization Process

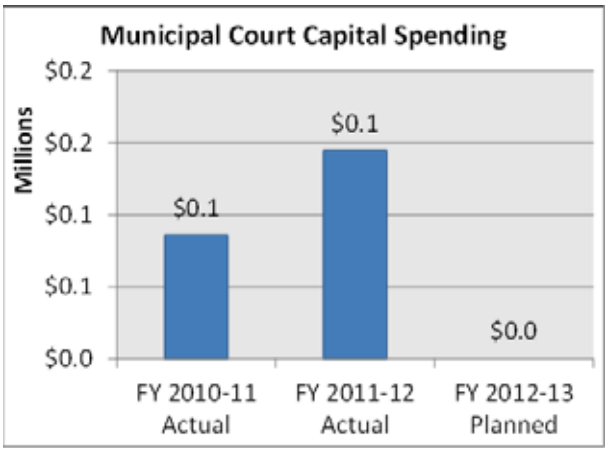
The new courthouse is already underway as is the IT governance process for the case management system / AMANDA upgrades (see CTM's narrative for more information). Both are high priorities for the City.

Imagine Austin

A new municipal court facility supports the Imagine Austin priority program to invest in a compact and connected Austin; and specifically, the public building and public safety policies for city services. The Municipal Court's mission to impartially administer justice is in alignment with the priorities and principles set out by Imagine Austin. Furthermore, any future facility needs and planning will support both the needs of citizens as well as continued efforts for the implementation of Imagine Austin.

CIP Funding Sources

The Municipal Court in partnership with Austin Police Department had a total of $23 million from the 2006 Bond Program funds. Land has been purchased and some planning undertaken. All spending, indicated in the chart below, is related to the planning and development of the new municipal court facility.



Unfunded Capital Needs Requests

If the Municipal Court moves out of downtown, a downtown substation has been planned. There also have been discussions in the past that the Downtown Austin Community Court may be relocated when the Municipal Court relocates. Planning on these projects has been delayed until such time that a date is set for the new courthouse to become operational.

The other unfunded request is for the replacement of the Court's case management software that was originally installed in 1994 and upgraded in 2006 and will be unsupported in two to three years. The system includes both hardware and software to initiate, monitor and collect on the hundreds of thousands of cases filed annually in the Municipal Court and the Downtown Austin Community Court. A more flexible and customer friendly system is required due to the complexity of processing cases and urgency for mandated changes. The Municipal Court and possibly another department or two may have partial funding available for this project; however, funding will be needed over the next two to three years to complete the project. Municipal Court has a pending request with CTM's IT Governance process to upgrade to a new version of the case management software using the AMANDA platform.

2013-2014 CIP Spending Plan Summary

Municipal Court

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7494:Municipal Court and Police Northeast	$9,457,724	$0	$0	$0	$0	$0	$0	$9,457,724
Total	**$9,457,724**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$9,457,724**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Municipal Court

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
7494:Municipal Court and Police Northeast Substation	$23,000,000	$0	$0	$0	$0	$0	$0	$23,000,000	Debt
Total	**$23,000,000**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$23,000,000**	

DRAFT

Neighborhood Housing & Community Development Office

Neighborhood Housing and Community Development Office

Department Overview

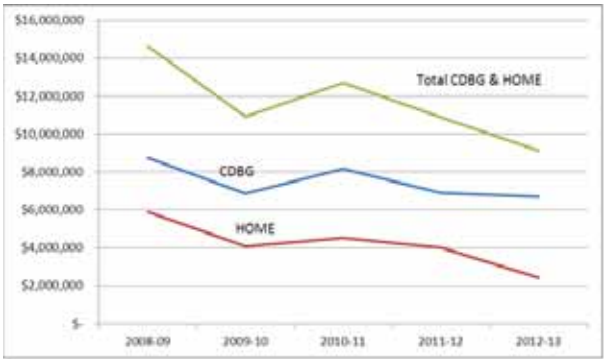
The mission of the Neighborhood Housing and Community Development (NHCD) Office is to provide housing, community development, and small business development services to benefit eligible residents so they can have access to livable neighborhoods and increase their opportunities for self-sufficiency.

NHCD's proposed FY 2013-14 Capital Improvements Program (CIP) will continue to support affordable housing development in the City of Austin, but with a significant decrease in funding compared to recent years. The factors that affect NHCD's Capital Improvements Program include:

- The entire $55 million from the 2006 Affordable Housing General Obligation (GO) bond funds being expended or otherwise committed to projects, and the defeat of Proposition 15 in the November 2012 election.
- The uncertainty of future federal funding levels which have been reduced by almost 40% from amounts received five years ago. See Figure 1.

As the City's population growth continues to increase, the lack of capital to invest in affordable housing development puts greater pressure on housing affordability, especially for lower-income households.

Figure 1 – Five-Year Funding Levels for Federal CDBG and HOME funds.



Department CIP Categories:

Rental Housing

Proposed rental housing projects can include permanent housing with supportive services, special needs housing, acquisition, development, new construction or rehabilitation of affordable rental properties. Rental projects that receive CIP funds serve households earning incomes at or below 50 percent Median Family Income (MFI) with a goal of assisting households at or below 30 percent MFI. Goals include:

- creating mixed-income communities, not concentrating low-income households in a single area or a specific development;
- preserving existing affordable housing; and
- dispersing affordable units throughout the City.

30% of Median Family Income: $15,400 for 1-person household; $21,950 for a 4-person household
50% of Median Family Income: $25,650 for 1-person household; $36,600 for a 4-person household
80% of Median Family Income: $41,000 for 1-person household; $58,550 for a 4-person household
-- per HUD as of December 2012 for the Austin-Round Rock-San Marcos MSA

Transitional Housing and Permanent Supportive Housing

Transitional housing offers services to populations with special needs in order to help them stabilize and work toward self-sufficiency. The resident works with a case manager to achieve self-sufficiency, and the length of stay is typically limited to 24 months.

Permanent Supportive Housing (PSH), generally speaking, is housing for:

- individuals or families headed by individuals that are defined in federal statutes as chronically homeless;
- individuals or families headed by an individual with issues that have prevented the family from obtaining stable housing;
- youth aging out of foster care; and
- persons who would be defined as homeless and who are exiting an institution such as a jail, a shelter, a substance abuse treatment facility, or a medical or psychiatric hospital.

PSH offers housing with case management services for these persons who are among the hardest to serve. The housing is traditional rental housing with a lease and comes with the responsibility to comply with lease terms as any other tenant. Case management services can allow the resident to work toward self-sufficiency and housing stability.

In March 2010, the Austin City Council directed NHCD, in partnership with the Health and Human Services Department (HHSD), to fund the creation of 350 new units of permanent supportive housing in Austin over a 4-year period. Currently, approximately 279 PSH units have been funded, largely due to the availability of 2006 Affordable Housing GO Bond funds.

Homeownership

Homeownership projects can include land acquisition, infrastructure development, new construction, rehabilitation, and acquisition of completed homes. Homeownership projects that receive CIP funds serve households with incomes at or below 80 percent MFI with a goal of serving households between 50 and 65 percent MFI. In order to promote long-term affordability, AHFC encourages the use of innovative ownership models such as a "shared equity with right of first refusal" model or a Community Land Trust model. These ownership models serve as preservation tools to maximize the impact of public dollars invested.

Prior Year Accomplishments

Highlights of recently completed CIP projects include:

Record Number of Affordable Rental Units – With an average two-year development cycle for housing, GO bond funds expended in prior years produced a record 503 rental units in FY 2011-12. Of the 503 units created or retained, approximately 30 percent were leased to households with incomes no greater than 30 percent MFI. The remaining 70 percent were leased to households with incomes no greater than 50 percent MFI. While 503 units was a significant achievement, it was only half the 1,000 units needed per year for the next 10 years as identified in the gap analysis from the City's 2009 Comprehensive Housing Market Study.

Juniper-Olive Redevelopment – Just over $1 million in CIP funds were used for the rehabilitation of six existing homes, and the construction of one new home, on Juniper and Olive Streets adjacent to the East 11th and 12th Streets Revitalization District. The six existing homes were built between 1907 and 1945 and were in extremely poor condition. The entire project required review and plan approval by the Historic Landmark Commission. To accommodate historic preservation requirements, portions of the exteriors of each of the six homes were dismantled, preserved and re-incorporated into the exteriors of the rehabilitated structures. Each of the seven homes will be sold to low- to moderate-income homebuyers in 2013.

Wildflower Terrace – The City of Austin provided funding for the acquisition and development of a 201-unit senior development in the Robert Mueller Municipal Airport Redevelopment Area. The development was financed with Low Income Housing Tax Credits through the state, and 2006 Affordable

Housing GO bond funds. Construction was completed in FY 2011-12. The development is for persons ages 55 and up, and is a mixed-income development with 86 units reserved for lower-income households.

Courtyard at Wildflower Terrace

Wildflower Terrace Exterior View with former RMMA Air Traffic Control Tower in background

FY 2013-14 Work Plan

In FY 2013-14, S.M.A.R.T. Housing™ Capital Improvement Funds from sales tax proceeds in the Domain Economic Development Agreement will likely be the primary source of CIP funding for NHCD. These funds will be used to support the future creation and preservation of affordable housing by funding a *Comprehensive Market Study and an Analysis of Impediments to Fair Housing*. Both of these documents are necessary to formulate the City's Five-Year Consolidated Plan, a plan required by the U.S. Department of Housing and Urban Development (HUD) for every jurisdiction receiving HUD Community Planning and Development funding.

The Five-Year Consolidated Plan will cover FY 2014-15 through FY 2018-19 and will identify and set funding priorities and serve as a guide for realizing goals through an annual Action Plan developed by NHCD and submitted to HUD each year.

Projects in Progress

In February 2013, City Council approved $10 million to assist with affordable housing. Prior year CIP funds were used to acquire the properties upon which the following projects will be built. However, it was also anticipated when the properties were acquired that additional CIP funding would be needed for the construction phase of each development. Staff will be recommending that a portion of the $10 million in new funding be provided to:

1. *Capital Studios* – Foundation Communities is developing the first new affordable housing development within the Central Business District. Located at the corner of East 11th and Trinity Streets, the development will offer 135 Single Room Occupancy units for low- and very-low income individuals. It is expected that a number of residents will be persons who work downtown in low-wage jobs, offering them proximity to their employment and easy access to transportation. GO bond funds were used for property acquisition.

2. *Guadalupe-Saldaña Net-Zero Subdivision* – the Guadalupe Neighborhood Development Corporation is developing an 11-acre subdivision with up to 110 units of rental and ownership housing that will utilize energy-efficient homes powered with renewable resources. The goal is for each residence to have a net utility usage of zero over a 1-year period. GO bond funds were used for property acquisition and will be used for construction of the first four duplexes.

3. *Chicon Corridor* – the Chestnut Neighborhood Revitalization Corporation will construct 33 ownership

units in this mixed-use development at 13th and Chicon Streets. It is anticipated this development will beneficially change the character of the area which has experienced a particularly high level of criminal activity. GO bond funds were used to acquire property.

Project Selection and Prioritization Process

Currently, NHCD is obtaining public input for the FY 2013-14 Action Plan, a process required by HUD for the use of federal funds. This one-year Action Plan will be the 5th of the current 2009-2014 Five-Year Consolidated Plan.

The annual public input process includes a series of public hearings and stakeholder meetings. Through this process, the City is able to prioritize needs and funding allocations. Affordable housing is always identified as a high priority by the community based on testimony received at public hearings and stakeholder meetings. It is anticipated that the Council will take action on the FY 2013-14 Action Plan in July, prior to the City's official submission to HUD. HUD's deadline to receive the report is on or before August 15, 2013.

Imagine Austin

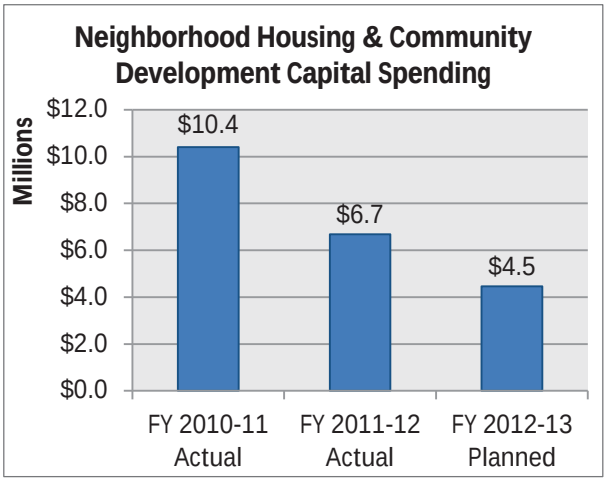
The Comprehensive Market Study, the Analysis of Impediments to Fair Housing, and the Five-Year Consolidated Plan will each tie to the Imagine Austin Comprehensive Plan Action Step of Setting Priorities and support the Plan's Core Principles for Action:

- Develop as an Affordable and Healthy Community
- Grow as a Compact and Connected City of Austin
- Provide Paths to Prosperity for All

CIP Funding Sources

NHCD has historically had two main sources of CIP funding, S.M.A.R.T Housing CIP and the 2006 Affordable Housing GO bond funds. All CIP funding is transferred to the Austin Housing Finance Corporation (AHFC) through an annual service agreement with the City of Austin that stipulates the City's requirements for disbursement of the funds.

The chart below illustrates historical and planning capital spending for NHCD. The primary spending drivers in each of the years was the demand created by the lack of housing affordable to lower-income households and the availability of the capital funds to invest in various types of housing developments.



FY 2009-10 saw the highest levels of spending due to the fact that 3 projects funded with 2006 Affordable Housing GO bond funds were also approved by the State for tax credit financing. In order to receive an award of tax credits, projects typically have to have a commitment of local funding. NHCD committed funding to each project subject to the award of tax credits. Three projects was an unprecedented number of tax credit awards for a city of Austin's size and would be more typical for Houston or Dallas, for example. While the tax credit awards were welcome news and created or retained 827 rental units, with 390 of those being affordable units, the commitments of GO bond funding to those projects exhausted that year's allocation. In order to fund other projects, NHCD had to request a mid-year increase in its budget allocation for that fiscal year.

Because of the normal two-year development cycle, funds spent in FY 2009-10 contributed to a record number of affordable units occupied in FY 2011-12. Spending in the following years was more typical, and units continue to be produced, but the numbers will decrease as the GO Bond-funded projects are completed over the next two years.

In a Budget Work Session on February 12, 2013, the Austin City Council approved an increase to the NHCD Capital Budget of $10 million to assist with affordable

housing development. As the affordable housing GO Bond funds were exhausted, approval of these additional funds will enable NHCD to continue operating critical housing programs in FY 2012-13 and will help support projects already approved and in progress.

Unfunded Capital Needs Requests

Even though the additional $10 million in CIP funding approved by Council will enable certain affordable housing programs to continue, these funds will not be able to address the Department's unfunded requests.

Affordable Housing

The increasing housing needs of the community far outpace the current resources. CIP funding would enable the department to continue to address the widening gap of available housing stock for Austin's very low-income residents. The Department recognizes that with the trend in decreased federal funding sources, local funding is increasingly essential in order to respond to the housing needs of low-income residents – for both rental and ownership opportunities. A key goal the Department is challenged to address is the Austin City Council's direction to create 350 units of permanent supportive housing in Austin. CIP funds will be critical in the Department's ability to address this Council priority. In addition, the Department has an inventory of real estate projects still to be developed.

1. *Pecan/Tillery* - This 2.58 acre property was assembled by purchasing a number of lots in the 1100 Block of Tillery in the Govalle/Johnston Terrace Neighborhood Planning Area. The goal of the project would be to construct approximately 20 affordable housing units while still maintaining the beautiful pecan grove contained on the site. Pre-development funds will be needed for the feasibility/alternatives analysis to define scope of the project, predesign, and engineering for future development.

2. *Betty Dunkerley Campus* - This 6 acre site is currently part of the HHSD Campus that has been designated for transfer to the Austin Housing Finance Corporation for the development of affordable housing. Predevelopment funds will be needed for the feasibility/alternatives analysis to define scope of the project, predesign, and engineering for future development.

Community Development

1. *East 12th Street Infrastructure Improvements* - The City of Austin commissioned a market analysis and development strategy to address the continued revitalization efforts within the East 11th and 12th street corridors. The study led by Economic & Planning Systems, Inc., provided NHCD with a set of recommendations and analysis to support the request of CIP funds for the 12th Street Study area. In recent years, the City has upgraded infrastructure capacity and placed utilities underground in certain locations on 11th Street as well as on East 7th Street. According to the development strategy, removal of poles and wires and improvement of the un-landscaped, utilitarian streetscape on East 12th Street would improve its look and feel. NHCD supports the use of CIP funds to address this development strategy and further the feasibility of new development and attract private investment by removing significant costs from projects' financing needs.

2. *Colony Park Street and Utility Infrastructure Construction* - Austin City Council Resolution No. 010524-17 authorized the purchase of property located in the Colony Park area. The department is seeking funding to construct the major road and install necessary infrastructure that will expedite the development of the commercial sites and to begin the development of housing. $1.5 million for Colony Park Infrastructure was part of the $78.3 million GO bond Proposition 15 that was rejected by voters in November 2012.

   This project has received a $3 million dollar grant for the planning and design of this development. Implementation of this master plan will allow us to leverage private dollars for the actual construction of the commercial and residential development. Installation of the major roadway and infrastructure will expedite the ability to develop the commercial section which will generate revenue from private investment. Currently, this site is owned by AHFC and receives 100% tax exemption.

2013-2014 CIP Spending Plan Summary

Neighborhood Housing & Community Development Office

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7759:Acquisition & Development -- Prop. 5 G. O. Bond Funds	$8,165,720	$275,000	$184,000	$0	$0	$0	$0	$8,624,720
6626:Acquisitions & Development	$9,589,062	$0	$0	$0	$0	$0	$0	$9,589,062
7958:Holly Good Neighbor Program	$2,856,936	$0	$0	$0	$0	$0	$0	$2,856,936
8318:Housing Studies	$300,000	$0	$0	$0	$0	$0	$0	$300,000
7231:Rental Housing Development - Prop 5 G.O. Bond Funds	$41,341,343	$0	$0	$0	$0	$0	$0	$41,341,343
Total	**$62,253,062**	**$275,000**	**$184,000**	**$0**	**$0**	**$0**	**$0**	**$62,712,062**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Neighborhood Housing & Community Development

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
7759:Acquisition & Development -- Prop. 5 G. O.	$8,624,721	$0	$0	$0	$0	$0	$0	$8,624,721	Debt
6626:Acquisitions & Development Homeownership	$9,589,063	$0	$0	$0	$0	$0	$0	$9,589,063	Other New Cash
7958:Holly Good Neighbor Program	$2,856,943	$0	$0	$0	$0	$0	$0	$2,856,943	Cash
8318:Housing Studies	$300,000	$0	$0	$0	$0	$0	$0	$300,000	Cash
7231:Rental Housing Development - Prop 5 G.O.	$41,341,349	$0	$0	$0	$0	$0	$0	$41,341,349	Debt
Total	**$62,712,076**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$62,712,076**	

DRAFT

Parks & Recreation Department

Parks and Recreation Department

Department Overview

The mission of the Parks and Recreation Department (PARD) is to provide, protect and preserve a park system that promotes quality recreational, cultural and outdoor experiences for the Austin community. To help the Department achieve this mission, the following goals have been developed:

- Provide safe and accessible parks and facilities to all citizens
- Provide diversity and sufficiency of recreational opportunities for the community
- Design and maintain environmentally sustainable parks and facilities
- Foster collaboration, coordination, and partnerships throughout the community

The Department's Capital Improvements Program (CIP) implements the goals, objectives and recommendations set forth in the PARD Long- Range Plan as well as the Department's Business Plan for Fiscal Year (FY) 2013-14 and future years. The Department has identified the need for developing Master Plans for district and metropolitan parks as a foundation for future development. The recently adopted Imagine Austin Comprehensive Plan will be implemented into the city-wide CIP plan as each department will view and analyze projects through the lens of Priority Programs.

North Austin Recreation Center / YMCA

The CIP is the vehicle by which the Parks and Recreation Department acquires and develops land to satisfy the goals of PARD's mission statement. As land is purchased and facilities are developed through the CIP, the Department is able to satisfy the demand for diverse, safe, and universally accessible recreational opportunities and outdoor experiences. Another key purpose of PARD's CIP is to repair, renovate and replace its aging park facilities.

The current CIP consists primarily of funding from the 2006 General Obligation (GO) Bond Program and is organized into project-specific budgets as well as the following categories for programs:

- **Heating, Ventilating, and Air Conditioning (HVAC) and Roof**
- **Pools**
- **Trails**
- **Playscapes**
- **Facility Renovations**
- **Parkland Acquisition**
- **Planning**

PARD recently participated in the bond development process for the 2012 GO Bond Program which included a comprehensive look at the Department's needs and a detailed prioritization process. The overall bond package evolved through a series of approvals from the Bond Election Advisory Task Force, City Council and ultimately on November 6, 2012, the voters approved Proposition 14 in the amount of $77.7Million for Parks and Recreation. The new bond program consists of project-specific budgets as well as the following categories for programs:

- **Park Improvements**
  - o Metropolitan Parks
  - o District Parks
  - o Neighborhood Parks
  - o Pocket Parks
  - o Downtown Squares
  - o Greenbelts and Preserves
- **Facility Renovations and Improvements**
  - o Buildings
  - o Recreation Facilities
- **Parkland Acquisition and Development**
  - o Parkland Acquisition
  - o Parkland Development
- **Cemetery Renovations**
- **Waller Creek District Improvements**

Prior Year Accomplishments

The Parks and Recreation Department had a number of CIP successes in the latter portion of FY 2011-12 and throughout FY 2012-13. The projects listed below are substantially complete through either design or construction phase and represent a significant milestone on the project timeline. Highlights of the accomplishments include:

Facility Renovations

- Design
  - Nash Hernandez Building Renovation
  - Hancock Recreation Center Assessment
  - Rosewood Recreation Center Assessment
  - Republic Square Phase 2 Master Plan
  - Zilker Caretaker's Residence Renovation
  - Zilker Botanical Gardens Swedish Cabin Assessment
  - Sparky Pocket Park Building Renovation
- Construction
  - Morris Williams Pro Shop and Cart Barn
  - Morris Williams Golf Course Improvements
  - Fannie Davis Gazebo Renovations
  - Lamar Senior Activity Center Renovations
  - Conley-Guerrero Senior Activity Center Renovations
  - Montopolis Recreation Center Near-term Renovations
  - Pickfair Recreation Center Renovations
  - North Austin Recreation Center (YMCA)
  - Gus Garcia District Park Improvements
  - Roy G. Guerrero Colorado River Metropolitan Park Development
  - Roy G. Guerrero Colorado River Metropolitan Park Disc Golf Course
  - Walter E. Long Metropolitan Park Boat Ramp Renovation
  - Wooldridge Square Landscape Renovations

HVAC and Roof Replacements

- Design
  - Oakwood Cemetery Annex Roof Replacement
  - Zilker Botanical Gardens Swedish Cabin Renovations
- Construction
  - McBeth Recreation Center Roof Replacement
  - Elisabet Ney Museum Roof Replacement
  - Austin Recreation Center Roof Replacement
  - South Austin Recreation Center Roof Replacement
  - Zilker Botanical Garden Center Roof Replacement
  - Zilker Botanical Garden Center HVAC Replacement
  - Zilker Botanical Garden Center Bickler Cupola and Tea House Roof Replacement
  - Dove Springs Recreation Center HVAC Replacement
  - Parque Zaragoza Recreation Center HVAC Replacement

Fannie Davis Gazebo at Auditorium Shores

Playscape Renovations / Replacements

- Safety surface repairs, replacement of old fill materials with engineered wood fiber and ADA improvements at 2 different parks throughout the city.
- Design
  - Rainey Street Pocket Park
  - Dove Springs District Park
  - Battle Bend Neighborhood Park
  - Little Stacy Neighborhood Park
- Construction
  - Roy G. Guerrero Colorado River Metropolitan Park
  - Little Zilker Neighborhood Park
  - Sir Swante Palm Neighborhood Park
  - Pickfair Pocket Park
  - Latta Branch Tyhurst Park
  - Gus Garcia District Park
  - Trailhead Neighborhood Park

Pool Improvements

- Pool safety compliance issues being addressed through programmatic level funding to include ADA improvements, pool equipment upgrades and improvements to recirculation lines to meet standards set by the Texas Commission on Environmental Quality (TCEQ).
- Design
  - o Barton Springs Pool General Grounds Improvements
  - o West Enfield Neighborhood Pool Renovation
  - o Bartholomew Municipal Pool Renovation
- Construction
  - o Barton Springs Pool Dam Rehabilitation
  - o Reed Neighborhood Pool Renovation
  - o Rosewood Neighborhood Pool Renovation
  - o Montopolis Neighborhood Pool Renovation
  - o Reed Neighborhood Pool Renovation
  - o Deep Eddy Municipal Pool Renovation

Trails

- Design
  - o Shoal Creek Trail 5th Street Gap
  - o Auditorium Shores Trailhead
  - o Dick Nichols and Veloway Connection Trail
- Construction
  - o Boardwalk on Lady Bird Lake
  - o Northern Walnut Creek Trail Phase I
  - o Southern Walnut Creek Trail
  - o Johnson Creek Trailhead at Lady Bird Lake Trail

Land Acquisition and Development

- Greenway Acquisition
  - o Williamson Creek
  - o Onion Creek
- Infill Acquisition
  - o Heritage Oaks / Parker Lane
- Infill Development
  - o Design
    - ▪ Del Curto Neighborhood Park
    - ▪ Armadillo Neighborhood Park
  - o Construction
    - ▪ Copperfield Neighborhood Park

Other CIP Initiatives and Accomplishments

- Completion of the Waller Creek Boat House
- Completion of Norwood Park Conditions Assessment and Feasibility Report
- Completion of Seaholm Intake Structures Redevelopment Investigation
- Continuation of Holly Shores / Festival Beach Master Plan
- Continuation of Pease Park-Use Integration Plan with Watershed Protection

FY 2013-14 Work Plan

Projects follow a logical sequence of planning, design, bid process and construction before resuming normal operation. FY 2013-14 will mark the beginning of a new organization of the Department's CIP to align with categories approved in the 2012 GO Bond Program for Proposition 14. Each of the projects listed below have been through the Department's prioritization process and will be implemented over time, according to available PARD project management resources:

Park Improvements

- Metropolitan Parks
  - o Holly Shores / Festival Beach Master Plan
  - o Butler Park / Auditorium Shores Master Plan
  - o Alliance Children's Garden Design
  - o Auditorium Shores Trailhead Construction
  - o Emma Long Metropolitan Park Preliminary Design
- District Parks
  - o Dove Springs District Park Preliminary Design
  - o Colony District Park Preliminary Design
  - o Gus Garcia District Park Phase 1 Construction
  - o Gus Garcia District Park Phase 2 Preliminary Design
- Neighborhood Parks
  - o Rosewood Neighborhood Park Preliminary Design
  - o Little Stacy Neighborhood Park Preliminary Design
  - o Eilers Neighborhood Park Preliminary Design
- Pocket Parks
  - o Veterans Pocket Park Preliminary Design
- Downtown Squares
  - o Republic Square Phase 2 Design
  - o Wooldridge Square Preliminary Design
- Greenbelts and Preserves

- o Barton Creek Greenbelt Rock Wall Stabilization
- o Shoal Creek Greenbelt Peninsula Restoration
- o Shoal Creek Greenbelt 15th to 28th Street Restoration (Watershed Protection)

Facility Renovations and Improvements

- Buildings
  - o Various HVAC and Roof Replacement Priorities
  - o Elisabet Ney Museum HVAC Design
  - o Hancock Recreation Center Parking and ADA Improvements
  - o Nash Hernandez Building Renovation
  - o Zilker Caretaker's Residence Renovation
  - o Zilker Botanical Gardens Swedish Cabin Renovation
  - o Montopolis Community and Recreation Center Preliminary Design
  - o Dove Springs Recreation Center Expansion Preliminary Design
  - o Dougherty Arts Center – Community Engagement and Feasibility Review
- Recreation Facilities
  - o Aquatic
    - ▪ Barton Springs Pool General Grounds Improvements Construction
    - ▪ Barton Springs Pool Bathhouse Renovations Preliminary Design
    - ▪ West Enfield Neighborhood Pool Renovation
    - ▪ Aquatic Facilities Assessment
  - o Trails
    - ▪ Northern Walnut Creek Trail Phase 1 Construction
    - ▪ Northern Walnut Creek Trail Phase 2 Design
    - ▪ Southern Walnut Creek Trail Construction
    - ▪ Dick Nichols and Veloway Connection Trail Construction
    - ▪ Boardwalk on Lady Bird Lake Construction
  - o Playscapes
    - ▪ Various safety surface, replacement of fill materials and ADA improvements at high priority playscapes throughout the City
    - ▪ Rainey Street Pocket Park Construction
    - ▪ Dove Springs District Park Construction
    - ▪ Battle Bend Neighborhood Park Construction
    - ▪ Little Stacy Neighborhood Park Construction

Parkland Acquisition and Development

- Parkland Acquisition
  - o Crestview Neighborhood
  - o Metz / Holly Neighborhood
  - o Oak Hill Neighborhood
- Parkland Development
  - o Del Curto Neighborhood Park Development
  - o Armadillo Neighborhood Park Development

Cemetery Renovations

- Cemeteries Master Plan
- Cemeteries Office Improvements
- Cemeteries Roadway and Pavement Resurfacing
- Cemeteries Irrigation Preliminary Design
- Oakwood Cemetery Annex Roof Replacement Construction

Waller Creek District Improvements

- Waller Creek Corridor Preliminary Design

Project Selection and Prioritization Process

The Parks and Recreation Department utilizes a series of criteria to select and prioritize its CIP projects. Projects are identified through both an internal, ongoing Asset Management program as well as projects initiated by external entities. Consistency with the PARD Long Range Plan, City of Austin Comprehensive Plan (Imagine Austin), public safety/ADA compliance, deteriorating facilities, response to population growth, sustainability benefits, and partnership/leveraging opportunities are the criteria used to establish the Department's CIP priorities.

Funding for the Department's CIP relies heavily upon the bond election process. PARD is currently working towards completion of the 2006 GO Bond Program and preparing for new appropriations under the 2012 GO Bond Program. Through recent deliberations of the Bond Election Advisory Task Force (BEATF), projects recommended by PARD were considered relative to capital needs submitted by all departments city-wide.

The Department's CIP is structured to address the most urgent and critical needs for safety, ADA compliance, and to extend the useful life of existing facilities. Other priorities include land acquisition and development of

new facilities to meet the needs of a growing population. The projects listed in the FY 2013-14 CIP work plan are consistent with the scheduled completion of the 2006 GO Bond Program and the initiation of spending under the 2012 GO Bond Program.

Little Zilker Playscape

Historically, PARD lacks funding for timely replacement and renovation of its facilities, resulting in a deferral of capital investment necessary to sustain a high level of service delivery. For example, the majority of recreation, cultural and senior centers are in need of significant repair or replacement. Many parks are suffering from antiquated facilities, outdated restrooms with architectural barriers, outdated playscape features and surfacing, and deteriorating park shelters and pavilion structures. The PARD CIP is structured to address these issues. As the Department looks ahead to future CIP project identification and funding, priority will be given to those projects that satisfy one or more of the criteria previously noted.

PARD continues to seek leveraging opportunities to maximize the effect of capital expenditure. Partnership with Austin Parks Foundation (APF), The Trail Foundation (TTF), grant opportunities, stakeholder groups and collaboration with other City of Austin Departments magnifies the impact of CIP funding as it relates to parks and open space investment. For example, Auditorium Shores Trailhead, Johnson Creek Restroom, Swedish Cabin Renovation, Southern Walnut Creek Trail and Phase II Development of Gus Garcia District Park are all projects benefiting from grant and partnering support.

Projects resulting from collaboration with other City Departments include: Waller Creek Boathouse and Outlet Facility, Shoal Creek Greenbelt Restoration at Pease District Park and Boggy Creek Greenbelt Restoration with Watershed Protection Department (WPD); the Boardwalk on Lady Bird Lake with Public Works Department (PWD) and improvements to Lower Shoal Creek with Economic Growth and Redevelopment Services Office (EGRSO).

Through the bond development process, the Capital Planning Office requested that all City Departments utilize the following criteria for CIP project selection: Near-term Needs, Planning Priorities, Policy Directives, Business Priorities, Sustainability Impact, and Cost Impact. Supplemental to these criteria, PARD considered department-specific criteria such as Innovation and Excellence and Geographic Equity.

Imagine Austin

The PARD CIP plan is weighed heavily in favor of facility renovation and re-establishment of parklands as healthy and resilient infrastructure, to benefit Austin's unique natural, cultural and recreational environments. Proposed improvements of the Department's CIP plan speak directly to a number of the priority programs identified in the Imagine Austin Comprehensive Plan, include but are not limited to those noted below.

Invest in a compact and connected Austin: The PARD CIP includes a number of trail development and enhancement projects (Walnut Creek Trail system, Shoal Creek Trail, Auditorium Shores Trailhead) to promote pedestrian and bicycle connectivity throughout the city. Likewise, the Department's recent emphasis on infill, neighborhood and pocket park acquisition and development (Armadillo, Del Curto and Copperfield) seek to provide parks and open spaces at a greater level of accessibility and walkability within the City's urban core. Other density-driven park initiatives under the 2012 GO Bond Program include significant reinvestment in the Downtown Squares, the Waller Creek District and Phase I Improvements to Holly Shores and Edward Rendon Sr. Park at Festival Beach.

Sustainably manage our water resources: A number of PARD's aquatic facilities are under renovation as part of the current CIP to implement water conservation measures. Additionally the Department is actively implementing a number of innovative stormwater management measures (rain gardens and biofiltration facilities) in order to filter, store, and encourage infiltration and beneficial re-use of Austin's precious rainfall. In addition, PARD is converting a number of its irrigation systems from potable to reclaimed water; projects include Roy G. Guerrero Colorado River Metropolitan Park and Hancock Golf Course.

Use green infrastructure to protect environmentally sensitive areas and integrate nature into the city: Many of the park renovation projects in PARD's CIP are intended to restore currently degraded and worn landscapes to a healthy and thriving condition. Plans are currently being developed for the renovation of Auditorium Shores, Republic Square, Wooldridge Square and other special event parkland to improve current soil compaction, erosion, and urban forest health. Lastly, emerging trends in children's play area design encourage a greater integration of natural landscapes as part of healthy and creative play environments. These principles are being applied to the design of play environments at the Alliance Children's Garden at Butler Park, Dove Springs District Park and Little Stacy Neighborhood Park.

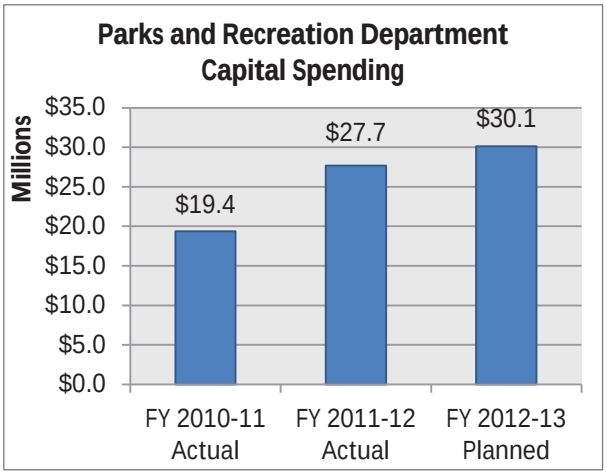
Grow and invest in Austin's creative economy: PARD recognizes the role that cultural programs play in the artistic and creative development of youth and adults. Renovations to existing facilities that enable these programs to thrive are essential to the Department. Of particular note under the 2012 GO Bond Program is the replacement of the Dougherty Arts Center, Elisabet Ney Museum Restoration, Barton Springs Bathhouse Renovation and Dove Springs Recreation Center Expansion.

Create a Healthy Austin Program: Community health and active lifestyles are promoted through the Department's recreation programming and numerous neighborhood and district facilities. The replacement of the Montopolis Recreation Center with a co-developed facility with Health and Human Services Department (HHSD) and improvements to Dove Springs District Park will provide health-focused facilities in response to community need.

CIP Funding Sources

The predominant funding source for the Department's FY 2013-14 CIP spending plan will be a combination of 2006 and 2012 GO Bond Programs. Other funding sources include grants, mitigation, Parkland Dedication, cash, and various other revenues. The PARD CIP spending in recent years was primarily driven by 2006 GO Bond Program projects, including parkland acquisition, playscapes, trails, aquatics, and facility renovations. Concurrent with the increase in bond-related expenditures is a greater emphasis on Parkland Dedication expenditures driven by demand for park and open space facilities corresponding with population growth and residential development.

The most significant project expenditures are associated with projects that require extensive and time-intensive community outreach, planning, design, permitting and bidding phases. Construction typically being the largest expenditure in any given project, the increase in expenditures over the last two years is a direct result of the stand-alone projects within the 2006 GO Bond Program reaching the construction phase. Notable projects include North Austin Recreation Center (YMCA), Conley-Guerrero Senior Activity Center, Montopolis Recreation Center, Deep Eddy Pool Renovation, Bartholomew Pool Renovations Morris Williams Golf Course Renovation and Pro Shop / Cart Barn and Southern and Northern Walnut Creek Trails.



Unfunded Capital Needs Requests

Due to limited financial resources, the Department has a significant number of unfunded requests. It should be noted that the unfunded requests below were also identified as part of the Capital Project Needs Assessment in preparation for the 2012 bond development process, but ultimately were not included in Proposition 14. Unfunded requests include:

1. *System-wide ADA Assessment*: PARD does not currently have a program fund dedicated to the assessment and correction of ADA non-compliance. This program, if funded, will enable the Department to complete a system-wide assessment and develop a transition plan towards correcting non-compliance throughout the Department's facilities. The scope of this work addresses the following CIP priorities: Urgent Need, Planning Priority, Policy Directive, Business Priority, Sustainability Impact and Cost Impact. ADA improvements result in safer, more efficient facilities for the public as well as for the employees of the Department. This project shall begin with a department-wide assessment of buildings and grounds, prepared by a Registered Accessibility Specialist (RAS) under contract to the City. PARD currently provides annual reporting of its progress toward addressing its facility ADA needs; however, it does not have a comprehensive planning document that quantifies the overall, long-term need or program to address these needs. In the absence of this program, PARD facilities will continue to fall out of compliance, create barriers to accessibility and put the City at risk of legal challenges.

2. *System-wide ADA Improvements Phase I*: The Americans with Disabilities Act (ADA) requires State and Local Governments to conduct a Self-Assessment of their programs to identify barriers and establish a Transition Plan to remove barriers to ensure program accessibility. The scope of this work addresses the following CIP priorities: Urgent Need, Planning Priority, Policy Directive, Business Priority, Sustainability Impact and Cost Impact. Based upon the comprehensive plan for the correction of ADA non-compliances prepared for PARD by a RAS, the Department will forecast, fund and implement these legally mandated improvements. This $2M request is part of a phased approach to improvements and will be implemented to bring the Department's facilities into compliance.

3. *Roy G. Guerrero Colorado River Metro Park – Country Club Creek Channel Restoration*: The Country Club Creek Channel at Roy G. Guerrero Colorado River Metropolitan Park continues to erode due to upstream development and heavier-than-anticipated storm water runoff. A stopgap measure is in place, but this project proposes a more robust design and construction of the storm water channel in collaboration with Watershed Protection Department. The scope of this work satisfies the following CIP priorities: Urgent Need, Planning Priority, Business Priority, Sustainability Impact and Cost Impact. This project protects the existing investment in Krieg Athletic Complex and Roy G. Guerrero Colorado River Metropolitan Park. In the absence of these channel improvements, the City runs the risk of major erosion failure and downstream sediment transport. Furthermore, recent capital improvements to adjoining parkland are currently at risk, including Krieg Softball Complex ($1.6M), Roy G. Guerrero Colorado River Metropolitan Park and Disc Golf Course ($9.9M), and Reclaimed Water Distribution Line recently installed by Austin Water Utility.

4. *Parking Lot and Roadway Pavement Resurfacing Program*: Internal parking lot and roadway pavement at a number of the Department's heavily used facilities are in an advanced stage of deterioration. This project proposes to provide appropriate pavement and associated storm water controls at facilities in greatest need including but not limited to Walsh Boat Landing, Hancock Recreation Center, Morris Williams Golf Course and Walter E. Long Metropolitan Park. The scope of this work addresses the following CIP priorities: Urgent Need, Planning Priority, Business Priority, Sustainability Impact and Cost Impact. A comprehensive program for re-pavement would prevent the infrequent and piecemeal approach to pavement patching and erosion repair. The advanced deterioration of roadways, parking lots and pedestrian walkways can sometimes pose a health and safety risk to PARD users of which the capital cost will escalate as this

work is deferred. Without this program, paved surfaces throughout the department will continue to deteriorate.

5. *ARC Building at PARD Annex Renovation*: Within the next fiscal year, the City of Austin will take occupancy of the building adjacent to the PARD Annex as additional office space. This project will provide funding for interior and exterior renovations to provide for this new use. The scope of this work addresses the following CIP priorities: Urgent Need, Business Priority and Cost Impact. This project benefits the Department through the consolidation of various work units currently scattered throughout the City, and potentially provides an opportunity to move another City department out of rented space, reducing the overall cost to the City. If not funded, it will be difficult for this building to accommodate the proposed use given the sub-optimal condition of the building.

6. *Umlauf Residence and Studio Renovation*: PARD recently took occupancy of the former residence and working studio of Charles Umlauf. Funding under this request would be the City contribution toward a renovation effort necessary to make these buildings part of the public facility at the Umlauf Sculpture Gardens. Prior to funding being necessary for construction renovation, a master plan will be required to prioritize spending. This master plan may be completed in partnership with the Friends of the Umlauf Sculpture Garden. The scope of this work addresses the following CIP priorities: Planning Priority, Business Priority, Sustainability Impact and Cost Impact. Future partnering and grant opportunities will be explored once master plan development is underway.
7. *Trail Improvement Program*: Trails consistently rate at the top of PARD user surveys for popularity of use. Program level funding for trails under the 2012 GO Bond Program will likely be applied only to the Walnut Creek Trail system. This funding request would provide for additional trail improvements throughout the City's multi-use trail system as project opportunities arise. PARD anticipates that trails funding will be exhausted by FY 2015-16 based on current spending plan projections. The scope of this work addresses the following CIP priorities: Planning Priority and Sustainability Impact. PARD has been successful in the past with grant funding through various alternative transportation programs and will continue to seek funding through these channels. The Trail Foundation and the Austin Parks Foundation have and will continue to provide generous support and funding toward City of Austin trail projects.

8. *Cemetery Renovations*: As managing Department for the five city-owned cemetery facilities, PARD is legally mandated by City Code to provide comprehensive cemetery services. As a legally mandated priority for the Department, additional funding should be provided without adversely impacting funding for other unfunded capital need requests. These facilities are in need of significant capital reinvestment as identified in the 2011 Capital Project Needs Assessment. This project received partial funding through the 2012 GO Bond Program, and this request seeks the balance of funds for renovation. This request would provide funds for construction upon the completion of the Cemeteries Master Plan, which is scheduled to be completed in FY 2013-14. The scope of this work addresses the following CIP priorities: Urgent Need, Business Priority and Cost Impact. PARD is currently working in partnership with Save Austin Cemeteries on grant funding opportunities; the full scope and schedule is not currently determined.

9. *Norwood Park – Parkland Renovation*: PARD completed a conditions assessment and feasibility report for the Norwood House and Grounds in December of 2011. The Norwood Park Foundation is currently embarking on the renovation of the historic house. This proposal would provide city funding for the complimentary park improvements including trailhead connectivity to the Boardwalk, concession opportunities, neighborhood park improvements and other landscape enhancements. This project is proposed in FY 2015-16 to allow for the completion of building renovations not yet underway. The scope of this work addresses the following CIP priorities: Planning Priority, Policy Directive and Sustainability Impact. PARD looks to build upon its current relationship with the Norwood Park Foundation in the pursuit of grants and other outside funding for the renovation of this historic facility.

10. *District Maintenance Facilities Improvements*: PARD currently owns 3 district maintenance facilities (Northeast at Walter E. Long, Northwest at Walnut Creek, and South at Garrison) which are insufficient to meet operational needs in a safe and efficient fashion. Funding under this request would provide upgrades and expansion of those operational centers. It is important that these needs be met in order to improve operational efficiencies and cost control. However, requests for these project sites were not approved under the 2012 GO Bond Program. The scope of this work addresses the following CIP priorities: Urgent Need, Business Priority and Cost Impact. It is possible that these facilities be co-developed with other city departments as determined through the Strategic Facilities Master Plan.

11. *Dougherty Arts Center*: Currently, there is funding in the amount of $4M provided through the 2012 GO Bond Program for re-development of the Dougherty Arts Center. In addition to this funding source, PARD will leverage $1.4M of funding from the Recreation Facilities program under the 2012 GO Bond Program as supplement to this project budget. However, the total cost of this facility replacement is estimated at $10M, though the specific siting and building design have not been finalized. Therefore, a balance of $4.6M is required for delivery of a replacement facility. This budget assumes either total replacement of the existing building on or near the existing site, or the renovation of a pre-existing building at an alternative location yet to be determined. The scope of this work addresses the following CIP priorities: Urgent Need, Planning Priority, Business Priority, Cost Impact and Sustainability Impact. The existing funding will facilitate public engagement, planning and design; however, the funding under this request will be required in order to complete construction of a new facility, thereby justifying this funding request in FY 2015-16 according to overall project timeline. A high level of patronage and community interest is represented by an active body of stakeholders, including the Friends of the Dougherty Arts Center who will be a key partner in future project funding and facility programming.

12. *Seaholm Intake Facility Redevelopment*: PARD has recently completed, with the work of outside consultants, a conditions assessment and feasibility study for the Seaholm Intake Facility. Funding under this proposal would provide the City match for a public-private partnership toward the repurposing of this significant structure on parkland in the Seaholm District. PARD is currently working with other City Departments to develop the scope and focus of a Request for Proposal (RFP) to be issued within FY 2013-14; funding for construction would not likely be required until FY 2014-15. The scope of this work addresses the following CIP priorities: Planning Priority, Policy Directive, Business Priority and Sustainability Impact. There is a high level of interest in this facility from the development community and it is likely that final design, construction and operation will be done in partnership with a private interest group. Any change of park property use requires a vote of City Council, which would ensure the final use includes public benefits.

13. *Holly Shores and Edward Rendon Sr. Park at Festival Beach – Phase II Implementation*: There are current parkland development opportunities at the former site of the Holly Power Plant and adjacent parkland on the north shore of Lady Bird Lake. PARD is currently preparing a master plan for this parkland through a deliberative public process. Funding for phase I has been provided through the 2012 GO Bond Program. Funding under this request shall provide for additional work as outlined in the master plan. Timing for this appropriation would allow for completion of phase I work and a more fully-developed scope and budget for phase II. The scope of this work addresses the following CIP priorities: Planning Priority, Policy Directive, Business Priority, Sustainability Impact and Cost Impact. Grant opportunities exist for this project as it exemplifies a Brownfields Redevelopment opportunity. Those funding opportunities will be explored upon completion of the master plan.

14. *Walter E. Long Metropolitan Park – City-match to Public/Private Partnership*: This park property is a significant land holding that has not been developed to its maximum potential as a destination park. Though listed as a proposed project in the 2011 Capital Project Needs Assessment, funding was not provided through the 2012 GO Bond Program. Further refinement of the project scope and exploration of collaboration opportunities with the Star of Texas Fair and Rodeo and the Travis County Expo Center will occur before funding is needed. The scope of this work addresses the following CIP priorities: Planning Priority, Sustainability Impact and Cost Impact. There are tremendous opportunities at this park for fresh water recreation, over-night camping and special event venues, all of which would rate highly for grants related to economic development and tourism benefits. Funding opportunities will be explored upon completion of the master plan jointly with the stakeholders.

15. *Land Acquisition and Development*: PARD has an ongoing need for acquisition and development of new parkland to serve a growing population of park users. Partial funding of the 2012 GO Bond Program request resulted in $4M being added to land acquisition. This request represents a $6M appropriation for the continuation of this vital program. At the current rate of expenditures, it is anticipated that financial resources for land acquisition will be expended by the requested funding year. The scope of this work addresses the following CIP priorities: Planning Priority, Business Priority, Sustainability Impact and Cost Impact. It is important that PARD has land acquisition funding on-hand when the opportunity arises, which may take the form of donation or inter-departmental dedication of lands.

16. *Building Renovations Program*: PARD is responsible for numerous buildings in need of ongoing capital reinvestment for projects such as roof replacement, HVAC replacement, code compliance and ADA accessibility improvements. Funding under this request provides for a continuation of funds through the 2012 GO Bond Program and for needs identified in the Department's ongoing Asset Management program. Spending plan projections show the initial loading of funds under the 2012 GO Bond Program will be depleted by FY 2017-18. The scope of this work addresses the following CIP priorities: Urgent Need, Business Priority, Sustainability Impact and Cost Impact. Opportunities will be explored through various building efficiency programs as has been done in the past with Austin Energy and other partnering agencies.

17. *Off-leash Area Land Acquisition and Development*: Through the work of the Off-leash Advisory Committee, PARD identified the need for additional, well-designed and constructed off-leash facilities throughout the City. Funding through this program will be used to develop off-leash areas on existing parkland or parkland acquired for this purpose. The development of off-leash areas requires significant planning and stakeholder process prior to site selection and construction. These efforts are currently underway; however, no site-specific project has been identified for the near-term. The scope of this work addresses the following CIP priorities: Planning Priority, Business Priority and Sustainability Impact. There is a history of off-leash facility support through the work of the Off-leash Advisory Committee and the Austin Parks Foundation (APF) through the APF Grant Program. It is likely that this support will continue given the high demand for these facilities on parkland.

2013-2014 CIP Spending Plan Summary

Parks and Recreation Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
10459:2012 GO Bond Prop 14 - Programs	$250,000	$2,850,000	$4,550,000	$4,750,000	$4,510,000	$1,300,000	$0	$18,210,000
8658:Armadillo Neighborhood Park	$193,107	$96,560	$0	$0	$0	$0	$0	$289,667
7557:Austin Recreation Center	$741,679	$0	$0	$0	$0	$0	$0	$741,679
7558:Bartholomew District Park	$3,250,342	$3,629,237	$0	$50,000	$240,000	$0	$0	$7,169,579
7838:Barton Springs Pool	$1,976,677	$3,023,806	$0	$0	$0	$0	$0	$5,000,483
9643:Battle Bend Neighborhood Park	$50,221	$149,779	$0	$0	$0	$0	$0	$200,000
7554:BMX & Skate Park	$1,858,546	$52,119	$0	$0	$0	$0	$0	$1,910,665
8843:Bull Creek District Park	$0	$0	$0	$150,000	$400,000	$200,000	$0	$750,000
5144:Carver Museum	$446,800	$0	$0	$0	$0	$0	$0	$446,800
5953:Circle C Ranch Metropolitan Park	$847,535	$1,309,000	$343,465	$0	$0	$0	$0	$2,500,000
9763:City of Austin Cemeteries	$55,955	$132,480	$0	$0	$0	$0	$0	$188,435
5730:Colony Park	$13,918,922	$1,728,524	$600,000	$200,000	$0	$0	$0	$16,447,446
9904:Comal Pocket Park	$0	$0	$0	$50,000	$150,000	$0	$0	$200,000
8518:Commons Ford Ranch Metropolitan	$15,000	$0	$0	$0	$0	$0	$0	$15,000
7552:Conley-Guerrero Senior Activity Center	$1,124,016	$625,984	$0	$0	$0	$0	$0	$1,750,000
7128:Deep Eddy Pool	$2,825,459	$73,086	$0	$0	$0	$0	$0	$2,898,545
8984:Del Curto Park	$267,614	$232,386	$0	$0	$0	$0	$0	$500,000
5208:Dittmar District Park	$2,611,108	$0	$0	$0	$0	$0	$0	$2,611,108
7568:Dove Springs District Park	$289,448	$787,610	$300,000	$350,000	$0	$0	$0	$1,727,058
8438:Duncan Park	$35,181	$2,048	$0	$0	$0	$0	$0	$37,229
896: Dougherty Arts Center	$0	$300,000	$200,000	$2,500,000	$1,000,000	$0	$0	$4,000,000
10482:Eilers Neighborhood Park	$0	$50,000	$350,000	$100,000	$0	$0	$0	$500,000
7551:Elisabet Ney Museum	$883,306	$313,207	$650,000	$150,000	$0	$0	$0	$1,996,513
8538:Emma Long Metro Park	$198,129	$275,670	$1,000,000	$750,000	$0	$0	$0	$2,223,799

2013-2014 CIP Spending Plan Summary

Parks and Recreation Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7595:Festival Beach	$600,000	$0	$0	$0	$0	$0	$0	$600,000
7564:Givens District Park	$56,000	$0	$0	$150,000	$400,000	$200,000	$0	$806,000
10290:Great Hills Neighborhood Park	$92,120	$0	$0	$0	$0	$0	$0	$92,120
6498:Gus Garcia District Park	$1,250,361	$150,000	$750,000	$400,000	$0	$0	$0	$2,550,361
7549:Hancock Golf Course	$296,960	$52,940	$0	$0	$0	$0	$0	$349,900
9003:Holly Power Plant Site	$264,080	$285,920	$0	$0	$0	$0	$0	$550,000
7594:Kealing Park	$7,800	$0	$0	$0	$0	$0	$0	$7,800
7550:Lamar Senior Activity Center	$708,162	$327,507	$0	$0	$0	$0	$0	$1,035,669
7978:Latta Branch Greenbelt	$100,000	$0	$0	$0	$0	$0	$0	$100,000
8018:Little Stacy Park	$50,000	$50,000	$100,000	$400,000	$0	$0	$0	$600,000
9723:Little Zilker Park	$201,833	$0	$0	$0	$0	$0	$0	$201,833
6581:Mabel Davis District Park	$5,200	$0	$0	$0	$0	$0	$0	$5,200
6583:Mary Moore Searight Metropolitan	$307,378	$2,000	$0	$0	$0	$0	$0	$309,378
5201:Mexican American Cultural Center	$4,236,933	$2,862	$0	$0	$0	$760,205	$0	$5,000,000
7555:Montopolis Neighborhood Park	$656,761	$1,134,211	$928,000	$7,130,000	$6,424,000	$599,000	$0	$16,871,972
6541:Morris Williams Golf Course	$5,160,640	$0	$0	$0	$0	$0	$0	$5,160,640
9464:Mount Bonnell at Covert Park	$63,648	$0	$0	$0	$0	$0	$0	$63,648
9163:Neighborhood and Pocket Parks	$16,896	$124,000	$100,000	$100,000	$127,801	$0	$0	$468,697
10479:Nicholas Dawson Neighborhood Park	$12,000	$0	$0	$0	$0	$0	$0	$12,000
7547:North Austin Recreation Center	$9,170,894	$470,000	$0	$0	$0	$0	$0	$9,640,894
5186:Northwest Recreation Center	$3,797,514	$47,321	$0	$0	$0	$0	$0	$3,844,835
10485:Oak Hill Neighborhood Park	$0	$25,000	$25,000	$100,000	$400,000	$0	$0	$550,000
9803:Onion Creek Metropolitan Park	$20,625	$50,000	$0	$0	$0	$0	$0	$70,625
10484:Oswaldo A.B. Cantu Pan-American	$0	$0	$0	$50,000	$350,000	$100,000	$0	$500,000
10310:Palm Neighborhood Park	$0	$0	$0	$400,000	$750,000	$350,000	$0	$1,500,000

2013-2014 CIP Spending Plan Summary

Parks and Recreation Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6015:PARD - Renovations & Improvements	$70,000	$0	$0	$0	$0	$0	$0	$70,000
8398:PARD Golf Division Projects	$872,877	$0	$0	$0	$0	$0	$0	$872,877
10230:PARD Site Furnishings and Amenities	$11,650	$8,350	$0	$0	$0	$0	$0	$20,000
5234:Parkland Acquisition	$2,922,517	$889,897	$0	$0	$0	$0	$0	$3,812,414
8378:Parkland Dedication Funds - Projects	$2,881,439	$346,126	$2,224,714	$4,698,647	$3,466,138	$708,902	$0	$14,325,966
7563:Parque Zaragoza Neighborhood Park	$23,803	$0	$0	$0	$0	$0	$0	$23,803
5246:Pease District Park	$192,889	$83,583	$0	$0	$0	$0	$0	$276,472
7565:Pickfair Pocket Park	$710,327	$41,848	$0	$0	$0	$0	$0	$752,175
6042:Playground Renovations and	$340,549	$150,000	$0	$0	$0	$0	$0	$490,549
8478:Pool Renovation And Improvements	$427,575	$147,424	$100,000	$0	$0	$0	$0	$674,999
7569:Ramsey Park	$50,000	$4,771	$0	$0	$0	$0	$0	$54,771
9925:Reed Neighborhood Park	$137,746	$50,000	$0	$0	$0	$0	$0	$187,746
8723:Republic Square	$223,193	$976,807	$0	$0	$0	$0	$0	$1,200,000
7592:Ricky Guerrero Park	$0	$0	$50,000	$150,000	$0	$0	$0	$200,000
7544:Rosewood Neighborhood Park	$520,119	$150,000	$750,000	$100,000	$0	$0	$0	$1,520,119
5237:Roy G. Guerrero Colorado River	$9,588,374	$133,231	$0	$0	$0	$0	$0	$9,721,605
6051:Shoal Creek Greenbelt	$933,256	$593,902	$1,380,851	$750,000	$750,000	$250,000	$0	$4,658,009
7548:South Austin Neighborhood Park	$680,000	$0	$0	$0	$0	$0	$0	$680,000
7657:Sparky Park	$59,289	$0	$0	$0	$0	$0	$0	$59,289
9884:Springwoods	$70,000	$305,000	$0	$0	$0	$0	$0	$375,000
10487:St. Johns Pocket Park	$0	$0	$50,000	$150,000	$0	$0	$0	$200,000
9864:Tennis Facilities	$210,883	$75,700	$0	$0	$0	$0	$0	$286,583
5217:Town Lake Metropolitan Park	$1,509,050	$1,948,004	$2,661,436	$3,050,000	$2,143,309	$100,000	$0	$11,411,799
9944:Trailhead Neighborhood Park	$75,000	$25,000	$0	$0	$0	$0	$0	$100,000
7593:Trails	$15,952,769	$12,794,552	$26,807	$251,923	$0	$0	$0	$29,026,051

2013-2014 CIP Spending Plan Summary

Parks and Recreation Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
10486:Veterans Pocket Park	$0	$100,000	$150,000	$0	$150,000	$0	$0	$400,000
10488:Waller Creek Greenbelt	$0	$1,000,000	$4,000,000	$4,000,000	$1,000,000	$0	$0	$10,000,000
5261:Walnut Creek Greenbelt	$14,065,576	$7,244,340	$641,571	$0	$0	$0	$0	$21,951,487
7999:Walter E Long Metropolitan Park	$99,000	$0	$0	$0	$0	$0	$0	$99,000
10489:Waterloo Neighborhood Park	$0	$500,000	$750,000	$250,000	$0	$0	$0	$1,500,000
9783:West Bouldin Creek Greenbelt	$67,941	$22,418	$0	$0	$0	$0	$0	$90,359
7571:West Enfield park	$380,749	$2,069,252	$1,000,000	$0	$0	$0	$0	$3,450,001
10210:Wooldridge Square	$198,792	$108,008	$0	$0	$0	$0	$0	$306,800
5311:Zachary Scott Theatre Center	$10,906,996	$0	$0	$0	$0	$0	$0	$10,906,996
6066:Zilker Metropolitan Park	$1,609,542	$493,752	$1,100,000	$3,250,000	$2,250,000	$500,000	$0	$9,203,294
Total	**$124,706,751**	**$48,615,222**	**$24,781,844**	**$34,430,570**	**$24,511,248**	**$5,068,107**	**$0**	**$262,113,742**

2013-2014 CIP Funded Appropriation Request Summary

Parks and Recreation

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
10459:2012 GO Bond Prop 14 - Programs	$0	$6,900,000	$4,900,000	$5,110,000	$1,300,000	$0	$0	$18,210,000	Debt
8658:Armadillo Neighborhood Park	$289,666	$0	$0	$0	$0	$0	$0	$289,666	Other Debt
7557:Austin Recreation Center	$741,679	$0	$0	$0	$0	$0	$0	$741,679	Debt
7558:Bartholomew District Park	$6,276,342	$629,237	$0	$50,000	$240,000	$0	$0	$7,195,579	Debt
7838:Barton Springs Pool	$5,000,485	$0	$0	$0	$0	$0	$0	$5,000,485	Other Debt Cash
9643:Battle Bend Neighborhood Park	$200,000	$0	$0	$0	$0	$0	$0	$200,000	Debt
7554:BMX & Skate Park	$1,910,664	$0	$0	$0	$0	$0	$0	$1,910,664	Other Debt Cash
8843:Bull Creek District Park	$0	$0	$0	$250,000	$500,000	$0	$0	$750,000	Debt
5144:Carver Museum	$446,799	$0	$0	$0	$0	$0	$0	$446,799	Debt
5953:Circle C Ranch Metropolitan Park	$2,500,000	$0	$0	$0	$0	$0	$0	$2,500,000	Debt
9763:City of Austin Cemeteries	$188,435	$0	$0	$0	$0	$0	$0	$188,435	Debt Cash
5730:Colony Park	$15,697,445	$250,000	$500,000	$0	$0	$0	$0	$16,447,445	Other Debt
9904:Comal Pocket Park	$0	$0	$50,000	$150,000	$0	$0	$0	$200,000	Debt
8518:Commons Ford Ranch Metropolitan Park	$15,000	$0	$0	$0	$0	$0	$0	$15,000	Debt

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Parks and Recreation

7552:Conley-Guerrero Senior Activity Center	$1,750,000	$0	$0	$0	$0	$0	$0	$1,750,000	Debt
7128:Deep Eddy Pool	$2,898,545	$0	$0	$0	$0	$0	$0	$2,898,545	Debt
8984:Del Curto Park	$500,000	$0	$0	$0	$0	0	$0	$500,000	Debt
5208:Dittmar District Park	$2,611,108	$0	$0	$0	$0	0	$0	$2,611,108	Other Debt
7568:Dove Springs District	$327,058	$750,000	$200,000	$450,000	$0	$0	$0	$1,727,058	Debt
8438:Duncan Park	$37,229	$0	$0	$0	$0	$0	$0	$37,229	Grants
896:Doughtery Arts Center	$0	$500,000	$0	$3,500,000	$0	$0	$0	$4,000,000	Debt
10482:Eilers Neighborhood Park	$0	$100,000	$400,000	$0	$0	$0	$0	$500,000	Debt
7551:Elisabet Ney Museum	$746,513	$1,250,000	$0	$0	$0	$0	$0	$1,996,513	Debt
8538:Emma Long Metro Park	$223,799	$500,000	$1,500,000	$0	$0	$0	$0	$2,223,799	Debt Grants
7595:Festival Beach	$600,000	$0	$0	$0	$0	$0	$0	$600,000	Debt
7564:Givens District Park	$56,000	$0	$0	$250,000	$500,000	$0	$0	$806,000	Debt
10290:Great Hills Neighborhood Park	$92,120	$0	$0	$0	$0	$0	$0	$92,120	Other Debt
6498:Gus Garcia District Park	$1,300,361	$250,000	$1,000,000	$0	$0	$0	$0	$2,550,361	Other Debt Grants Cash
7549:Hancock Golf Course	$349,900	$0	$0	$0	$0	$0	$0	$349,900	Other Debt
9003:Holly Power Plant Site	$550,000	$0	$0	$0	$0	$0	$0	$550,000	Cash
7594:Kealing Park	$7,800	$0	$0	$0	$0	$0	$0	$7,800	Other

2013-2014 CIP Funded Appropriation Request Summary

Parks and Recreation

7550:Lamar Senior Activity Center	$1,035,670	$0	$0	$0	$0	$0	$0	$1,035,670	Debt Cash
7978:Latta Branch Greenbelt	$100,000	$0	$0	$0	$0	$0	$0	$100,000	Debt
8018:Little Stacy Park	$100,000	$0	$100,000	$400,000	$0	$0	$0	$600,000	Debt
9723:Little Zilker Park	$201,833	$0	$0	$0	$0	$0	$0	$201,833	Debt
6581:Mabel Davis District Park	$5,200	$0	$0	$0	$0	$0	$0	$5,200	Debt
6583:Mary Moore Searight Metropolitan Park	$309,378	$0	$0	$0	$0	$0	$0	$309,378	Other
5201:Mexican American Cultural Center	$5,000,000	$0	$0	$0	$0	$0	$0	$5,000,000	Debt
7555:Montopolis Neighborhood Park	$871,973	$2,715,000	$0	$12,785,000	$500,000	$0	$0	$16,871,973	Debt
6541:Morris Williams Golf Course	$5,160,640	$0	$0	$0	$0	$0	$0	$5,160,640	Debt Cash
9464:Mount Bonnell at Covert Park	$63,648	$0	$0	$0	$0	$0	$0	$63,648	Other Debt
9163:Neighborhood and Pocket Parks	$468,697	$0	$0	$0	$0	$0	$0	$468,697	Debt Cash
10479:Nicholas Dawson Neighborhood Park	$12,000	$0	$0	$0	$0	$0	$0	$12,000	Debt
7547:North Austin Recreation Center	$9,640,894	$0	$0	$0	$0	$0	$0	$9,640,894	Debt
5186:Northwest Recreation Center	$3,844,835	$0	$0	$0	$0	$0	$0	$3,844,835	Debt Cash
10485:Oak Hill Neighborhood Park	$0	$50,000	$0	$500,000	$0	$0	$0	$550,000	Debt
9803:Onion Creek Metropolitan Park	$70,625	$0	$0	$0	$0	$0	$0	$70,625	Other Debt

2013-2014 CIP Funded Appropriation Request Summary

Parks and Recreation

10484:Oswaldo A.B. Cantu Pan-American Neighborhood Park	$0	$0	$0	$100,000	$400,000	$0	$0	$500,000	Debt
10310:Palm Neighborhood Park	$0	$0	$0	$500,000	$1,000,000	$0	$0	$1,500,000	Debt
6015:PARD - Renovations & Improvements	$70,000	$0	$0	$0	$0	$0	$0	$70,000	Debt
8398:PARD Golf Division Projects	$872,877	$0	$0	$0	$0	$0	$0	$872,877	Cash
10230:PARD Site Furnishings	$20,000	$0	$0	$0	$0	$0	$0	$20,000	Debt
5234:Parkland Acquisition	$3,812,415	$0	$0	$0	$0	$0	$0	$3,812,415	Other Debt
8378:Parkland Dedication Funds - Projects	$10,209,695	$4,116,272	$0	$0	$0	$0	$0	$14,325,967	Other
7563:Parque Zaragoza Neighborhood Park	$23,803	$0	$0	$0	$0	$0	$0	$23,803	Debt
5246:Pease District Park	$273,583	$2,889	$0	$0	$0	$0	$0	$276,472	Debt Cash
7565:Pickfair Pocket Park	$752,175	$0	$0	$0	$0	$0	$0	$752,175	Other Debt
6042:Playground Renovations and Improvements	$490,550	$0	$0	$0	$0	$0	$0	$490,550	Debt
8478:Pool Renovation And Improvements	$575,000	$100,000	$0	$0	$0	$0	$0	$675,000	Debt Cash
7569:Ramsey Park	$54,771	$0	$0	$0	$0	$0	$0	$54,771	Debt Cash
9925:Reed Neighborhood Park	$187,746	$0	$0	$0	$0	$0	$0	$187,746	Debt Cash
8723:Republic Square	$1,200,000	$0	$0	$0	$0	$0	$0	$1,200,000	Other
7592:Ricky Guerrero Park	$0	$0	$50,000	$150,000	$0	$0	$0	$200,000	Debt

2013-2014 CIP Funded Appropriation Request Summary

Parks and Recreation

7544:Rosewood Neighborhood Park	$520,119	$250,000	$750,000	$0	$0	$0	$0	$1,520,119	Debt Cash
5237:Roy G. Guerrero Colorado River Metropolitan Park	$9,721,606	$0	$0	$0	$0	$0	$0	$9,721,606	Other Debt
6051:Shoal Creek Greenbelt	$2,658,009	$250,000	$250,000	$1,000,000	$500,000	$0	$0	$4,658,009	Other Debt Cash
7548:South Austin Neighborhood Park	$680,000	$0	$0	$0	$0	$0	$0	$680,000	Debt
7657:Sparky Park	$59,289	$0	$0	$0	$0	$0	$0	$59,289	Cash
9884:Springwoods	$375,000	$0	$0	$0	$0	$0	$0	$375,000	Cash
10487:St. Johns Pocket Park	$0	$0	$500,000	$150,000	$0	$0	$0	$650,000	Debt
9864:Tennis Facilities	$286,583	$0	$0	$0	$0	$0	$0	$286,583	Debt
5217:Town Lake Metropolitan Park	$7,561,799	$1,000,000	$1,250,000	$1,500,000	$0	$0	$0	$11,311,799	Debt Cash
9944:Trailhead Neighborhood Park	$100,000	$0	$0	$0	$0	$0	$0	$100,000	Debt
7593:Trails	$28,876,050	$150,000	$0	$0	$0	$0	$0	$29,026,050	Other New Debt Cash
10486:Veterans Pocket Park	$0	$400,000	$0	$0	$0	$0	$0	$400,000	Debt
10488:Waller Creek Greenbelt	$0	$1,000,000	$6,000,000	$3,000,000	$0	$0	$0	$10,000,000	Debt
5261:Walnut Creek Greenbelt	$21,951,487	$0	$0	$0	$0	$0	$0	$21,951,487	Other Debt Grants Cash

2013-2014 CIP Funded Appropriation Request Summary

Parks and Recreation

7999:Walter E Long Metropolitan Park	$99,000	$0	$0	$0	$0	$0	$0	$99,000	Grants
10489:Waterloo Neighborhood Park	$0	$500,000	$1,000,000	$0	$0	$0	$0	$1,500,000	Debt
9783:West Bouldin Creek Greenbelt	$90,359	$0	$0	$0	$0	$0	$0	$90,359	Cash
7571:West Enfield Park	$450,000	$3,000,000	$0	$0	$0	$0	$0	$3,450,000	Debt
10210:Wooldridge Square	$306,800	$0	$0	$0	$0	$0	$0	$306,800	Other
5311:Zachary Scott Theatre Center	$10,906,996	$0	$0	$0	$0	$0	$0	$10,906,996	Debt
6066:Zilker Metropolitan Park	$1,953,294	$500,000	$1,000,000	$4,750,000	$1,000,000	$0	$0	$9,203,294	Other New Debt Cash
Total	**$177,341,347**	**$25,163,398**	**$19,450,000**	**$34,595,000**	**$5,940,000**	**$0**	**$0**	**$262,489,745**	

Planning & Development Review Department

Planning and Development Review Department

Department Overview

The purpose of the Planning and Development Review Department (PDRD) Capital Improvements Program (CIP) plan is to implement public improvements identified in the Imagine Austin Comprehensive Plan and small area plans, including neighborhood plans and master plans, and to review, coordinate, and implement public and private streetscape projects.

PDRD is responsible for implementing and updating the Imagine Austin Comprehensive Plan. PDRD also develops and updates a variety of small area plans, including neighborhood plans, corridor plans, area-specific master plans, and other plans. The plans developed by PDRD may be comprehensive in scope, or may be more narrowly focused on characteristics of the built environment including land use and urban design. The plans may include numerous implementation strategies, including policies, regulations, and desired City investments.

As the lead department on these planning initiatives, PDRD has the role of facilitating implementation of public elements of the plans, either through its own CIP or those of other departments. In addition, PDRD is responsible for the implementation of many streetscape improvement projects. Within Downtown, streetscape improvements are guided by the Great Streets Master Plan and designed according to the Great Streets streetscape standards. Outside of Downtown, streetscape improvements are guided by the standards of Subchapter E of the Land Development Code and council-initiated master planning initiatives.

The PDRD CIP is divided into 5 categories:

- **Great Streets Program** – Includes streetscape projects within Downtown Austin based on the Great Streets Master Plan and built according to the adopted Great Streets Standards. Great Streets projects are constructed through either City CIP projects or through the reimbursements to private developers for streetscapes built as part of the Great Streets Development Program. The Great Streets projects listed within PDRD's CIP Plan are projects constructed by the private sector that receive partial reimbursement via the Great Streets Development Program. In addition to these projects, Public Works also manages Great Streets improvements as a part of street reconstruction projects in Downtown Austin.
- **Streetscape and Mobility Improvements** – Includes streetscape projects outside of Downtown Austin, as well as projects within Downtown that are developed outside of the Great Streets Master Plan. These projects are typically associated with previously completed small area plans.
- **Transportation, Planning, and Engineering Studies** — Includes consultant contracts for new plans and studies, as well as additional design or engineering studies identified through previously completed plans (in cases where this work is funded through the City's capital budget).
- **Development Review Technology Improvements** – Includes projects that support improved development review services through technological enhancements.
- **Small Area Plan Priority Projects** — Includes a variety of CIP projects identified in adopted small area plans, including neighborhood plans and area master plans. Projects may include pedestrian and bicycle facility improvements, park development, street reconstruction, and trail improvements. PDRD typically works closely with other departments to implement these projects through their respective CIPs.

Prior Year Accomplishments

Projects completed in the prior year include:

Great Streets Program
PDRD partnered with private developers to implement 11.5 block faces of Great Streets Projects through the Great Streets Development Program.

Public Works implemented Second Street District Streetscape Improvements (Phase 3) as part of its street reconstruction program, in partnership with PDRD under the Great Streets Program. (Note: this project is listed under "Streetscape and Mobility Improvements" in the PDRD's CIP Plan Pages.)

Great Streets Improvements Along 2nd Street

Streetscape and Mobility Improvements

PDRD partnered with Austin Transportation Department and Public Works to implement streetscape improvements to South Congress Avenue between Town Lake and Oltorf. (Note: this project is listed under Corridor Mobility Improvements in Austin Transportation Department's CIP Narrative.)

Transportation, Planning, and Engineering Studies

PDRD completed numerous significant plans and studies, including:

- Imagine Austin Comprehensive Plan;

- East Riverside Corridor Regulating Plan;
- Downtown Wayfinding Master Plan; and
- South Shore Central Sustainable Design Assessment (SDAT).

Small Area Plan Priority Projects

A number of Small Area Plan priority projects were implemented through other departments last year including:

- Construction of sidewalks and bicycle facilities addressing connectivity needs identified in various adopted small area plans (Public Works-Neighborhood Connectivity Division);
- North Lamar/Burnet, Airport Boulevard, and East Riverside Corridor Preliminary Engineering Reports (Austin Transportation Department);
- Investments in continued redevelopment of the Seaholm District (Economic Growth and Redevelopment Services Office); and
- Continued Reconstruction of Rio Grande (Austin Transportation Department/Public Works).

FY 2013-14 Work Plan

The PDRD Fiscal Year (FY) 2013-14 Work Plan Includes:

Great Streets Program

PDRD will continue to partner with the development community to implement projects under the Great Streets Development Program. In addition, Public Works plans to address several Great Streets Projects beginning in FY 2013-14 including:

- Colorado Street from 7th to 10th (Public Works)
- 3rd Street from Nueces to Trinity (Public Works)

Transportation, Planning, and Engineering Studies

PDRD will work with consultants on several significant planning efforts in FY 2013-14 including:

- Finalization of Airport Boulevard Form-Based Code; and
- Revision to Austin's Land Development Code in support of the Imagine Austin Comprehensive Plan.

Development Review Technology Improvements

In FY 2013-14, PDRD will use funding from a development services surcharge to support improved development services through technological enhancements. This project will be dedicated to expanding the use of technology by upgrading and implementing automation systems that support the Development Review process. The funds would finance technology acquisitions to improve the land

development process, consulting services for planning and implementation, and training.

Small Area Plan Priority Projects

In FY 2013-14, PDRD will continue to coordinate with other capital departments to implement small area plan priority projects approved for funding under the 2012 Bond, and to identify other opportunities for implementation of additional projects that have been identified as priorities through the planning process. Projects anticipated to be initiated or in progress include:

- Continued implementation of sidewalks, trails, and bicycle facilities addressing connectivity needs identified in various adopted neighborhood plans (Public Works-Neighborhood Connectivity Division);
- Congress Avenue Streetscape Project (design only) (Public Works);
- South Lamar Corridor Program Preliminary Engineering (Public Works);
- North Lamar Boulevard /North Burnet Road Corridor Improvements (Austin Transportation Department/Public Works);
- Implementation of park improvement projects identified in adopted neighborhood plans (Parks and Recreation Department).

Project Selection and Prioritization Process

The purpose of the PDRD CIP is to fund major multi-year planning efforts, to facilitate implementation of key public improvements identified in the Imagine Austin Comprehensive Plan and small area plans, and to review, coordinate, and implement public and private streetscape projects. PDRD's project selection and prioritization process is guided by Council policy, consultation and coordination with other departmental CIP plans, internal assessment and evaluation by PDRD staff, as well as input from neighborhood plan contact teams and the community at large.

PDRD's CIP primarily reflects projects and planning studies being led by PDRD. Any Great Streets project constructed by the private sector is eligible for reimbursement by the City if they meet the Great Streets standards and are not otherwise required to provide Great Streets by zoning or other regulatory mechanism. The determination to hire consultants to assist PDR with the development of plans or studies is based on need for outside expertise or staff to meet the goals or timeframe of the planning process.

In areas for which adopted neighborhood plans exist, PDRD involves the Neighborhood Plan Contact Teams in a regular process to prioritize projects that have been identified in their neighborhood plans. PDRD coordinates actively with implementing departments, including Public Works, Austin Transportation Department, Parks and Recreation Department, and others to ensure that the project priorities identified through PDRD-led plans are considered as implementing departments conduct their own technical prioritization processes and develop their individual CIPs. If another department does not fully cover the scope of a project as identified in a plan then PDRD may look for funding opportunities to include that project in its CIP.

To facilitate the implementation of Imagine Austin, PDRD is coordinating with the Capital Planning Office to include a review of CIP projects to identify those projects that are in alignment with the Priority Programs of Imagine Austin.

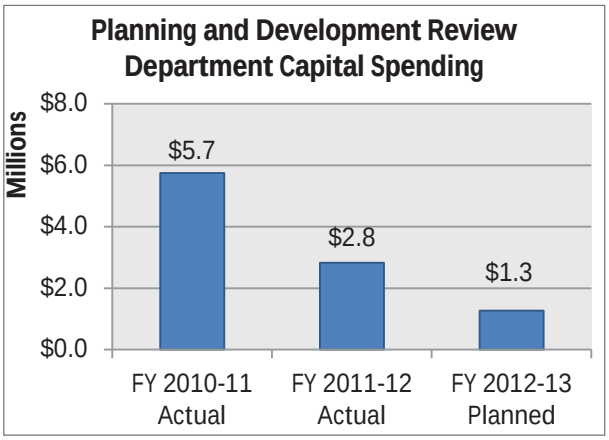
Imagine Austin

PDRD's CIP plan speaks to several of the Imagine Austin priority programs. First, investing in a compact and connected Austin is the basis for PDRD's Area Master Planning initiatives, such as the TOD Station Area Plans, East Riverside Corridor and Airport Blvd. Master Plans. Each of these planning areas is within a center or corridor as identified in Imagine Austin Growth Concept Map and is served by high quality transit (commuter rail, high frequency bus service, or is along the proposed urban rail alignment). A major focus of these plans is to efficiently connect people to places by locating residences, workplaces and other daily needs in close proximity to each other. Similarly, Neighborhood Plans seek to define and establish the appropriate relationship and connections between stable single-family neighborhoods and more compact, mixed-use areas.
Second, the Master Plans protect the environment by guiding development into preferred areas and away from environmentally sensitive areas. Third, PDRD's plans promote household affordability throughout

Austin by encouraging the production of a variety of housing types, reducing transportation costs, and in some cases, implementing development bonus programs to encourage the production of affordable housing units. Fourth, PDRD plans are focused on creating a healthy Austin by encouraging an active lifestyle with the opportunity for walking, biking, and outdoor recreation. Finally, PDRD has already begun the process to revise Austin's Land Development Code (LDC) and processes to promote a compact and connected city.

CIP Funding Sources

Funding sources for the PDRD CIP typically come from bond programs, parking meter revenue, CIP interest earnings, Capital Metro, and operating transfers. The chart below illustrates previous and planned capital spending for the Department. The FY 2010-11 and FY 2011-12 expenditures included several large construction projects that are now either complete or in the final stage of construction. The three major projects included in the FY 2012-13 planned spending include the Airport Boulevard Form-Based Code, Second Street Phase III and Land Development Code Revision Project.



Unfunded Capital Needs Requests

PDRD's unfunded requests include:

Transportation, Planning, and Engineering Studies

Cultural Resource Survey & Historic Preservation Plan: The Land Use and Transportation Policies in Imagine Austin include the preservation of historic resources, retention of the character of historic districts, and maintenance and updating the inventories of historic resources, including those not already recognized through designation. Additionally the Downtown Austin Plan (DAP) states that, "Preservation of Downtown's historic buildings and districts should be guided by an updated, city-wide Preservation Plan that is based upon a current inventory of cultural resources." Funding for the project would meet these goals and provide information to assist in land use planning and decision making as well as the interpretation and protection of significant historic resources and districts. It would also inform the development of a cultural and heritage tourism plan, which is part of the workplan for Imagine Austin's Grow and Invest in Austin's Creative Economy priority program.

Finally, City Council Resolution 20110804-0029 directed staff to investigate ways to provide technical and loan assistance to historic properties and develop design guidelines for the National Register Historic Districts. Conducting a comprehensive cultural resource survey would further these activities by identifying historic buildings that could be eligible for assistance programs, and identify historic resources in the National Register Historic Districts that have been lost or significantly altered since designation as well as document the character-defining features of properties that still contribute to the character of those districts.

South Shore Central Master Plan: The South Shore Central sub-district of the Waterfront Overlay Combined District has largely remained unchanged over the last 30 plus years but is under increasing redevelopment pressures. As such, the Waterfront Planning Advisory Board endorsed study of the area in the 2012 Sustainable Design Assessment Team (SDAT) program and the Sustainable Places Project currently underway. Building on the recommendations of the SDAT and the 1985 Town Lake Corridor Study that led to the establishment of the Waterfront Overlay, the Board plans to recommend the area be master planned in its upcoming report to Council. As centrally located waterfront, the area has the potential to advance numerous Imagine Austin goals, including incorporating green infrastructure, providing and enhancing public open space, supporting affordable housing, providing

greater connectivity from surrounding areas to the waterfront, and incorporating public art.

Funding for a consultant team would provide analysis of district-wide green infrastructure needs, economic analysis to support redevelopment value capture for the provision of community benefits, and an analysis of district-wide management and phasing mechanisms. Not funding or deferring the project could mean losing the window of opportunity to comprehensively promote excellence in urban design, greater public access to the waterfront, and increased protection of shoreline ecology along an important cultural and environmental asset for Austin.

Downtown Austin Development Corporation: The Downtown Austin Plan (DAP), which was adopted by the Austin City Council in December 2011, recommended that the City consider forming an Economic Development Corporation (EDC) for Downtown Austin or perhaps a broader area of central Austin. The DAP conducted initial research and made draft recommendations regarding an EDC, but additional work remains in order to present a full proposal to Council for its consideration and, if directed, create the EDC. The Council, in adopting the DAP by way of Ordinance No. 20111208-093, directed the City Manager to "develop a detailed plan, identifying the necessary steps and recommending a schedule, for creating a Central City Economic Development Corporation and shall present this plan to City Council for consideration and possible action." The proposed – but unfunded – project would respond to that Council directive.

2013-2014 CIP Spending Plan Summary

Planning and Development Review Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
10480:Development Review Technology Improvements	$0	$168,156	$0	$0	$0	$0	$0	$168,156
7327:Great Streets Program	$339,066	$474,100	$500,000	$702,590	$850,719	$592,518	$0	$3,458,993
6055:Streetscape and Mobility Improvements	$36,646,735	$1,317,859	$18,000	$0	$2,072,518	$0	$0	$40,055,112
6735:Transportation, Planning and Engineering Studies	$2,816,000	$1,032,000	$984,000	$750,000	$950,000	$0	$0	$6,532,000
Total	**$39,801,801**	**$2,992,115**	**$1,502,000**	**$1,452,590**	**$3,873,237**	**$592,518**	**$0**	**$50,214,261**

2013-2014 CIP Funded Appropriation Request Summary

Planning and Development Review

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
10480:Development Review Technology Improvements	$0	$168,156	$0	$0	$0	$0	$0	$168,156	Cash
7327:Great Streets Program	$2,730,608	$728,385	$0	$0	$0	$0	$0	$3,458,993	Cash
6055:Streetscape and Mobility Improvements	$43,558,254	($239,116)	$10,320	($1,247,767)	($1,429,308)	$0	($597,269)	$40,055,114	Other Debt Grants Cash
6735:Transportation, Planning and Engineering Studies	$6,532,000	$0	$0	$0	$0	$0	$0	$6,532,000	Other Cash
Total	**$52,820,862**	**$657,425**	**$10,320**	**($1,247,767)**	**($1,429,308)**	**$0**	**($597,269)**	**$50,214,263**	

DRAFT

Utility/Major Enterprises

Austin Convention Center Department

Austin Convention Center Department

Department Overview

The Austin Convention Center Department (ACCD) manages the Austin Convention Center, the Palmer Events Center, and three parking garages. The mission of the Austin Convention Center Department is **to** *"provide outstanding event facilities and services to our customers so they can have a positive experience."* This mission drives ACCD's decision process on how to best allocate resources.

The Austin Convention Center Department is renowned for its exemplary customer service, technology and sustainability initiatives. In order to continue as a world-class meetings and convention facility, the Austin Convention Center Department must provide exceptionally high quality facilities and services. The Department's business plan recognizes that facilities are aging, wear and tear is resulting from years of use, and that fierce competition exists between Convention Centers across the nation. Subsequently, past, current, and future CIP plans focus on environmentally-friendly building improvements to enhance marketability as a convention and event destination and increase revenue. The programmatic structure of the CIP plan outlines the Department's two primary locations-the Convention Center and Palmer Events Center. Individual projects associated with each facility are included within those categories.

Pursuing sustainability initiatives is of great importance and the Department is proud to be a leader in the green building movement. Sustainability has been incorporated into ACCD's operational practices, ensuring maximum operating efficiency and financial savings**. The Austin Convention Center is only one of two U.S. Convention Centers to earn the prestigious distinction of a Leadership in Energy and Environmental Design (LEED) Existing Building (EB) Gold certification.** The LEED-EB Gold status exceeded the Mayor's directive of minimally achieving a Silver Certification. ACCD's implementation program serves as a model of how other facilities can also preserve limited natural resources. Additional information related to ACCD's sustainability initiative may be viewed at: www.austinconventioncenter.com/sustainability.htm.

Prior Year Accomplishments

Convention Center

Although several smaller projects were completed during FY 2011-12, the **2nd Street garage waterproofing project** was a key project substantially completed during that year. The existing waterproofing membrane on the lower levels of the garage was replaced in order to protect retail space on the ground level from potential water infiltration. Also during FY 2011-12, an aging boiler on the South side of the Convention Center was replaced with a more energy efficient multi-boiler system. Work began in FY 2012-13 on several key projects at the Convention Center, such as the Electrical Upgrade Project, the Sidewalk Concrete project, and the escalator project, with estimated completion dates for these projects by FY 2015-16.

Palmer Events Center

Key projects anticipated to be completed in FY 2012-13 at PEC include the replacement of a defective **waterline** and **modification of doors** to allow greater flexibility for events wanting to utilize the exterior canopy space.

FY 2013-14 Work Plan

Convention Center

Individual projects proposed in the FY 2013-14 CIP work plan will again focus on building improvements in support of the Department's mission and goals, and will help to better service our customers. **Escalator service** is a top priority - **rebuilding the equipment in the expanded Center is required** since recent analysis identified the motors are not sufficient to move large numbers of attendees **and replacing the escalators in the south facility** as the equipment is approaching its end-of life. Work will also continue on the **Electrical Upgrade Project**. Electrical upgrades for the pre-function areas are needed to add power to areas consistently utilized by clients for events. The installation of **roll up doors** in some of the exhibit halls will significantly increase ingress and egress for event exhibit usage. **Garage repairs and upgrades** are needed to offer a well-maintained parking facility attendees and contract parkers.

Project Selection and Prioritization Process

Decisions as to which CIP projects to pursue and when are based on several factors including urgent need, safety concerns, cost, alternative methods (such as performing the work in-house), and project benefits to both the department and to its clients. When prioritizing projects, those ranking the highest are ones where imminent damage will result if the repair is not made. Providing well-maintained facilities to clients is the Department's central mission, and projects that will positively impact customer service or address customer needs are important to the organization and therefore a top priority. LEED related projects are also ranked highly. These projects typically reduce long term operating costs, which support ACCD's goal of maintaining a healthy ending balance. In addition, CIP projects must work around busy event schedules and therefore project timelines must be strictly adhered to or the risk of delaying projects for customer satisfaction reasons is likely.

Imagine Austin

ACCD's CIP is in accordance with several of Imagine Austin's priority programs to help achieve the City's vision of becoming a complete community. To continue to make a significant contribution toward "growing and investing in Austin's creative economy," it is important that ACCD provide ample, well-maintained meeting space. ACCD's CIP Plan was developed to achieve this goal, which will continue to enhance marketability and drive vitality in Austin and the downtown area.

Communicating and partnering with the community is a long-standing practice of the Department. ACCD works in concert with the Austin Convention and Visitor's Bureau (ACVB) in promoting Austin as a premier business and leisure travel destination. By providing world class facilities and services, we look to attract out-of-town visitors who are exposed to Austin's distinct cultural environment and its many cultural and creative venues. Executive and other departmental staff collaborate with numerous internal and external partners to find solutions for shared issues. Partnership with Transportation Department staff on wayfinding issues supports yet another priority in the Imagine Austin Plan of growing as a "compact and connected" city. Often, new CIP projects are created so that the desired results can be realized.

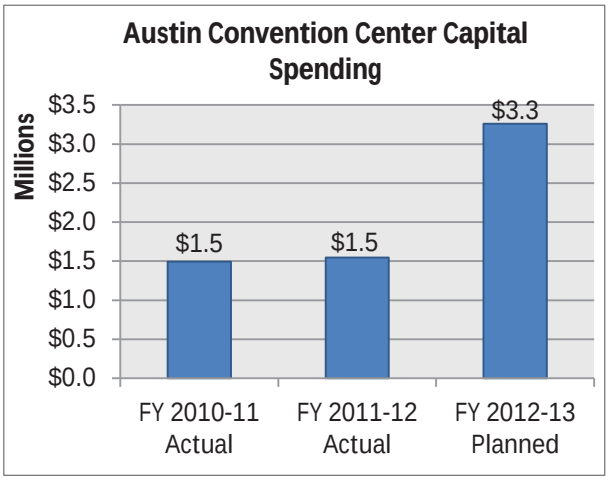
The Austin City Council established "sustainability" as the central policy direction of the *Imagine Austin Comprehensive Plan*. Conserving resources for future generations and taking positive, proactive steps to protect quality of life now and for future generations is the cornerstone of building practices at the Austin Convention Center. For the Convention Center, an added benefit of sustainability is that it is a strong marketing tool for the Department since these investments often reduce operating expenses. Many event planners are specifically seeking facilities which incorporate environmentally responsible elements in the day-to-day operations. Those facilities which do not meet these criteria are frequently not considered as a host site. Over the past several years, many CIP projects were undertaken which promoted sustainability and helped meet ACCD's LEED-EB goals. Being environmentally responsible continues to be a driving factor within ACCD's capital improvements projects.

With this in mind, ACCD has been working with Austin Energy regarding adding photovoltaic (solar panels) to the roof line of the Palmer Events Center. ACCD has been approved to move forward with Austin Energy on this project, pending Austin Energy grant approval.

CIP Funding Sources

Facility improvement projects have historically been funded from Convention Center operating fund transfers or the issuance of debt. To the extent possible, the Department is working with Austin Energy to access a variety of government stimulus programs which provide free "energy-efficient" services to government facilities.

Significant projects in FY 2010-11 spending included a connection to the Austin Energy cooling plant and PEC parking garage repairs. Project expenditures in FY 2011-12 included the 2nd Street garage waterproofing project, a boiler replacement, lighting upgrades, and PEC carpet replacement. Planned spending on key projects in FY 2012-13 at the Convention Center include work on the Electrical Upgrade and Sidewalk Concrete projects. General Improvement projects are also planned at the Palmer Events Center.



Unfunded Capital Needs Requests

In 2015, significant additional hotel inventory is expected to come on line which will greatly increase ACCD's ability to host larger conventions, host multiple events simultaneously, and help maximize the economic impact to the City. With this in mind, it is imperative that the City continue to invest in the current facilities and infrastructure to meet the significantly increased demand. The South, or original side of the Convention Center, lacks a competitive meeting room package. Adding additional meeting space or building a new meeting facility would be vehicles for capitalizing on future business opportunities. The Department continues to monitor business demand and projected revenues as it considers plans for future expansion.

2013-2014 CIP Spending Plan Summary

Austin Convention Center Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6020:Austin Convention Center	$10,252,905	$5,784,900	$3,235,000	$155,000	$125,000	$0	$4,266,839	$23,819,644
5366:Convention Center - Parking Garage & Central Chilling Plant	$558,300	$0	$0	$0	$0	$0	$0	$558,300
5218:Palmer Events Center	$1,219,386	$80,000	$0	$0	$0	$0	$0	$1,299,386
Total	**$12,030,591**	**$5,864,900**	**$3,235,000**	**$155,000**	**$125,000**	**$0**	**$4,266,839**	**$25,677,330**

2013-2014 CIP Funded Appropriation Request Summary

Austin Convention Center

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6020:Austin Convention Center	$20,219,643	$3,100,000	$500,000	$0	$0	$0	$0	$23,819,643	Other Debt
5366:Convention Center - Parking Garage & Central Chilling Plant	$558,300	$0	$0	$0	$0	$0	$0	$558,300	Cash
5218:Palmer Events Center	$1,299,386	$0	$0	$0	$0	$0	$0	$1,299,386	Cash
Total	**$22,077,329**	**$3,100,000**	**$500,000**	**$0**	**$0**	**$0**	**$0**	**$25,677,329**	

DRAFT

Austin Energy

Austin Energy

Department Overview

Austin Energy's Mission is to deliver clean, affordable, reliable energy and excellent customer service.

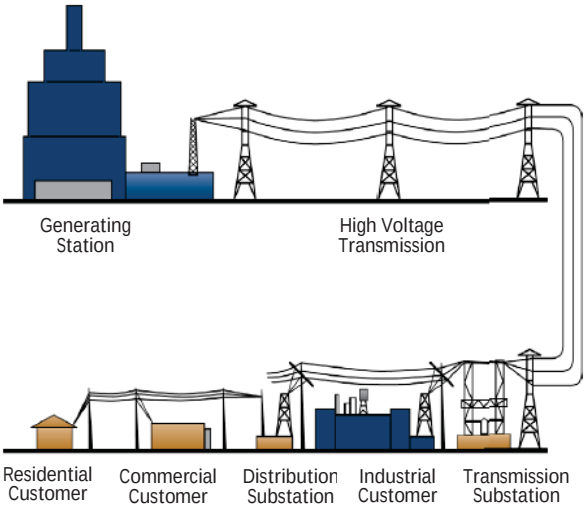
As a municipal utility, Austin Energy (AE) provides a number of related services. It serves as a "generator" or producer of electric power. It performs delivery services as an owner and operator of its "transmission" and "distribution" systems. Transmission refers to the high-voltage electric system that transfers power from generating plants to customer centers. Distribution refers to the low-voltage electric system that delivers electricity directly to customers. Austin Energy is also a retail electric service provider, which operates billing and collection systems as well as a customer call center.

In its function as an electricity generator, Austin Energy currently has more than 3,000 megawatts ("MW") of total power generation capacity which includes wind, solar and biomass power contracts and the operation of natural gas-powered plants (Decker and Sand Hill) in the Austin area. Austin Energy also owns and operates two combined heat and power units fueled by natural gas at the Domain and Mueller Development. Austin Energy is part owner of two power plants outside Austin, the Fayette Power Plant powered by coal and the South Texas Project (STP) powered by nuclear fuel. Austin Energy purchases additional power, when needed, to meet its demand or when market power is less expensive than supplying its own power. It also supplies renewable energy to its customers primarily through contracts to receive wind power from West Texas and the Texas gulf coast.

Below is a diagram of the flow of electricity, from the generating station plants, through the transmission and distribution systems and substations and finally to the customer. Austin Energy owns and maintains assets all through this diagram which drives the majority of the capital improvement program for the utility.

The Capital Improvements Program (CIP) of Austin Energy complements its mission by providing the infrastructure and system assets necessary to deliver clean, reliable energy and excellent customer service to our customers at an affordable price.

Electric Transmission & Distribution Diagram



One of the major goals of Austin Energy's Business Plan focuses on keeping the utility financially sound while implementing the Resource, Generation & Climate Protection Plan to 2020 and related affordability goal approved by the City Council on February 17, 2011. This plan must be both affordable and provide AE customers the reliable energy they need. The CIP plan includes projects for additional generating capacity as well as improvements to jointly-owned generating facilities to make them more efficient and environmentally friendly. Continued investments for smart grid projects and technology improvements will also help AE adapt to the rapid changes facing the electric utility industry and keep us competitive in the future.

Austin Energy formulates the CIP plan based on several factors including economic growth, customer needs, aging infrastructure, generation resource planning, technology improvements and regulatory requirements. One important factor is the annual update and analysis of AE's system load requirements which takes into consideration economic growth in AE's service territory as well as large customer requests for service. Consideration is also given to internal schedules for replacement of aging infrastructure and technology improvements.

Another factor is the plans for the electric grid improvements passed down by the Electric Reliability Council of Texas (ERCOT) to utilities annually in December. Austin Energy is a member of ERCOT, which is an Independent System Operator ("ISO") that manages the electric grid that serves approximately 85 percent of Texas. ERCOT is also responsible for facilitating the organized wholesale electricity market in its boundaries. Austin Energy must comply with the rules and regulations set forth by ERCOT. These rules and regulations generally govern electric system reliability and the operation of the wholesale electricity market.

AE's transmission and distribution systems are regulated by the Texas Reliability Entity (TRE) as well as Federal agencies such as the Federal Energy Regulatory Commission (FERC) and the North American Electric Reliability Corporation (NERC). Failure to have systems in place to meet regulations from these entities can result in penalties so AE must develop the CIP spending plan to make sure all system reliability regulations are met.

Austin Energy organizes the CIP spending plan into major categories of projects including:

- **Power Production** including owned and jointly-owned assets
- **Transmission and Distribution** projects
- **On-site Generation** such as chillers and customer piping connections
- **Alternative Energy** such as solar on rooftops
- **Customer Service and Metering** projects
- **Support Services** projects including information technology and facilities projects.

Prior Year Accomplishments

During Fiscal Year 2012-13, Austin Energy either started or substantially completed several major projects. In the **Power Production** category, upgrades were made to the Sand Hill Energy Center control systems as well as projects to extend the life of the Decker Power Station. At the Fayette Power Project (FPP), work began on additional environmental controls to address Mercury toxins. The FPP is jointly owned between AE and the Lower Colorado River Authority (LCRA) with each entity owning 50% of Units 1 and 2. LCRA owns 100% of Unit 3. At the South Texas Project (STP), of which AE owns a 16% share along with two other utilities, work was done on various upgrades to the plant including the security systems.

In the **Alternative Energy** power production category, major projects completed include photovoltaic solar on City of Austin facilities including the Falk Central library, the Building Services Administration building, the Palmer Events center and the north service center of the Austin Water Utility. Work also continued at several city facilities to install automated demand response equipment and lighting, and replacement of chillers and hot water heaters with more energy efficient ones.

In FY 2012-13 for the **On-site Generation** program at AE, work was started on the JW Marriott customer connection as well as replacement of a chiller at the Domain plant.

In the **Customer Service and Metering** category, enhancements continued to be made to the Customer Care & Billing (CC&B) system which went on-line October 3, 2011. Enhancements included reporting and implementation of new Austin Water Utility rates. Other major projects completed include the 311 City-wide information system citizen model platform, and the first stage of the Avaya telephony system replacement.

In the **Transmission and Distribution** category, work continued to meet system load growth and provide reliability and upgrades to the system. Major projects completed include the Dunlap substation providing service to the area of northeast Austin just east of the Decker Power station, the Air Products substation in north Austin, the Parmer substation in northeast Travis County, and the Mustang Wind Interconnection Substation in southeast Travis County. Also completed in FY 2012-13 was the distribution feeder from the Bullick Hollow substation to the raw water pump station at Water Treatment Plant 4. Other major projects started or continuing in FY 2012-13 were the remote intelligent street light monitoring system, the Dark Sky streetlight infrastructure project to reduce upward shining light in the Austin area and meet the City Council ordinance for Dark Sky passed in 2005, and upgrades for

the meter data management and outage management systems.

In mid FY 2012-13, work was completed on AE's move to a new System Control Center, a **Support Services** project. In October 2005, the City Manager was directed by City Council to relocate the existing Energy Control Center (ECC) from its West Avenue location so that the property could be incorporated into the Seaholm and downtown redevelopment efforts. In July 2007, Austin Energy (AE) purchased an existing building and surrounding 12 acres from Tokyo Electron located at 2500 Montopolis Drive with the objective of using this property for the ECC relocation project. This new facility, the System Control Center (SCC), now houses previous ECC employees as well as several other compatible workgroups within Austin Energy.

Completed System Control Center

Installation of transmission poles at the Dunlap substation

FY 2013-14 Work Plan

The FY 2013-14 CIP plan includes several on-going projects from prior fiscal years as well as the completion of several major projects. These include:

Power Production: Upgrades to various systems at the Decker Power Station and Sand Hill Energy Center including transformer upgrades, further upgrades at the Fayette Power Project (FPP) to help meet federal emission standards for mercury, and continued plant upgrades at the South Texas Project.

Transmission: Major projects include the completion of the re-conductor from Techridge to Decker to Yager substations, continuing work on the critical relaying program, and work to upgrade the Lytton bus and yard.

Distribution: The FY 2013-14 plan includes completion of the remote streetlight monitoring system, completion of the Distribution outage management system and the Mueller substation feeder to enhance reliability in that area. Other distribution projects include continuation of the Dark Sky streetlight infrastructure upgrades, the McAngus re-conductor and feeder tie as a backup to the Formula 1 area, and completion of the McNeil 123 substation switchgear upgrade. Other projects anticipated to be completed in FY 2013-14 include additions to the Trading Post substation and upgrades to the Wheless 456 substation equipment.

On-site Generation: The primary projects are upgrades to the Domain Chiller Plant 2 and work for connections at the Seaholm development district.

Alternative Energy: Community solar projects throughout the Austin Energy service territory including the completion of a substation specifically designed for community solar. Other investments will be for emerging transportation technologies including vehicle charging stations.

Support Services - Facilities: The focus of FY 2013-14 will be to begin construction of a new Riverside Drive campus on Austin Energy-owned property adjacent to the System Control Center in Southeast Austin. This new campus is being built to house several Austin

Energy business units which are currently housed in leased space on Barton Springs Road.

Sand Hill Energy Center

Dark Sky streetlight upgrades

Support Services - Information Technology: FY 2013-14 major projects will include an upgrade to the Maximo work management and asset accounting system, and completion of a systems operations data enterprise warehouse.

Project Selection and Prioritization Process

Austin Energy's project selection and prioritization process results from a combination of customer demand, ERCOT plans for electric grid build-out, AE's generation resource plan, and schedules for system reliability and rehabilitation. When new customers or economic developments come into the AE service territory, AE must evaluate its delivery system and build the assets necessary to deliver energy to serve these customers. AE must also use the plans that ERCOT passes down to energy providers with generation, transmission and distribution systems in order to ensure that the statewide ERCOT electric grid has adequate supply to ensure reliability. AE uses these ERCOT plans, usually received in December of each year, to plan the transmission and distribution grid projects in AE's service territory. AE also uses its system load forecast updated annually to plan the grid improvements and generation projects needed to keep up with the system load and to make sure peak system demand can be met. Other factors used in prioritizing projects are system asset age and schedules for rehabilitation.

The process for project selection of each category of project follows:

Power Production: Primary driver of projects is scheduled rehabilitation of equipment in the power plants (Decker and Sand Hill) based on age of assets and performance. Other considerations are AE's load forecast and the AE generation resource plan which provides schedules for adding system generation by building additional generating capacity at the Sand Hill Energy Center or by building wind generation. For jointly owned projects such as the South Texas Nuclear Plant (STP) and the Fayette Power Project (FPP), AE works with the managing partners, LCRA (for FPP) and NRG (for STP), to agree on a capital projects budget for the five year period.

Transmission: These are the higher voltage lines carrying energy from the power plants to AE's service territory for distribution at lower voltage to retail customers. ERCOT's plans for the overall state-wide grid play a big part in the projects AE includes in its CIP. AE also analyzes the transmission system to perform rehabilitation on the highest priority projects to maintain or improve system reliability.

Distribution: Projects are prioritized based on system growth, schedules for rehabilitation of assets and improvements needed to the system to ensure reliability. New developments and large customers coming into the system can determine how quickly an asset, such as a substation, needs to be built. New substations and distribution lines must be built to provide service to areas of growth and projected demand determines when they need to be built. An example for FY 2012-13 is the Water Treatment Plant 4 which requires a new substation built in order to provide power to the plant. Analysis of the system is also updated frequently to determine where system assets must be improved or upgraded to increase reliability and ensure system performance. The years in which these are built is determined by performance of

the equipment, probability of failure and expected growth in load.

On-site Generation: Projects are for on-site generation using chilled water to cool and equipment heat for hot water. AE approaches customers in the desired areas where this type of service can be provided and enters into contracts with these customers. AE must work with Austin Water, Public Works, Watershed Protection and Transportation departments to coordinate the routing of pipes bringing chilled water to these locations. Projects are determined by location and cost to supply this service.

Alternative Energy: This area involves the non-traditional production of energy such as solar and charging stations for electric vehicles. Projects are planned based upon a schedule of areas in the City that are prepared for solar installations and have the necessary community involvement. Other projects such as charging stations for electric vehicles will depend on demand levels in the Austin market and financial support of grants from the Federal government.

Customer Service and Metering: Projects are based upon upgrades needed to customer information systems and are prioritized based on cost and value to AE and other City departments for which AE provides billing and collection services. Projects may also include upgrades to the City's 311 Information System.

Support Services: Projects in this category support the other major areas listed above. Many are facilities projects based on growth of staff and age of buildings. Other projects include information technology systems which will keep the utility up to date with technology changes and are prioritized based on value to utility operations.

Imagine Austin

Austin Energy's CIP complements the Imagine Austin Comprehensive Plan by contributing to the Environmental Resources areas of the plan with projects related to helping with climate change and reducing greenhouse gas emissions. Several projects promoting alternative sources of energy and energy efficiency are included in the plan including energy efficient lighting for city streets with the Dark Sky program, demand response lighting and equipment in City of Austin facilities, and the installation of solar panels on various city buildings and nonprofit entities. Austin Energy will also continue to invest in emerging transportation technology such as electric vehicle charging stations to promote air quality. This is further complemented in the plan through projects aimed at reducing emissions at the coal fired Fayette Power Plant. In support of the overall Image Austin plan, transmission and distribution projects will continue to supply reliable, efficient energy to activity centers and corridors in order to keep Austin a compact, yet connected city through environmentally friendly installations and upgrades of AE's system infrastructure.

CIP Funding Sources

Austin Energy's financial policies, approved by the City Council, outline the funding requirements for its CIP projects. According to these policies, a mixture of current revenue and debt provide funding resources for CIP projects. Debt is commercial paper issued in the short term that is periodically converted or refunded into long term bonds. As Austin Energy continues working toward increasing the financial stability of the utility, some projects in FY 2014 will have to be funded with debt due to cash constraints on the utility. Funding is broken down into the following categories:

Non-taxable Debt and Current Revenue

- Projects funded 100% from current revenue generally have an asset useful life less than the term of AE long term bonds (30 years).
- For **Power Production**, current revenue is used, when available, to fund projects with the exception of large multi-year projects such as the 200 megawatt Sand Hill Energy Center gas turbine addition scheduled to begin in FY 2014-15. For FY 2013-14, due to cash constraints, all Power Production projects at the Decker Power Plant and the Sand Hill Energy center will be funded with 100% debt.
- **Transmission** projects are funded with 60% debt and 40% current revenue, a regulatory guide established by the Public Utility Commission of Texas (PUCT) that regulates transmission in Texas. Due to cash

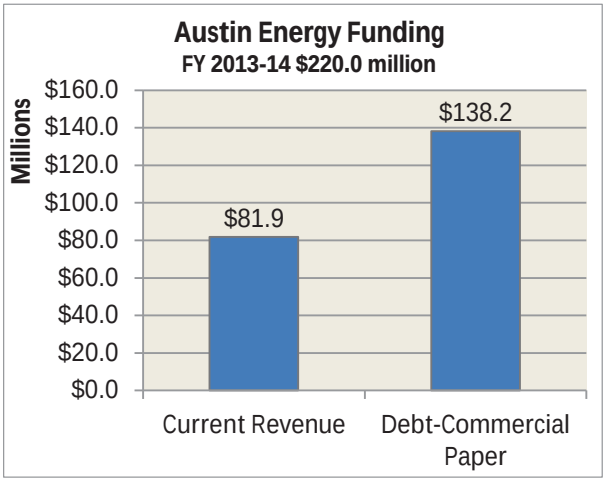
constraints, these projects will be funded with 75% debt and 25% current revenue in FY 2013-14.

- **Distribution** projects are funded with 65% debt and 35% current revenue, a regulatory guide. Due to cash constraints, these projects will be funded with 75% debt and 25% current revenue in FY 2013-14.
- **Alternative Energy** projects are funded 100% current revenue with the exception of solar projects to be funded with 100% debt.
- For **Customer Service and Metering** projects, Austin Energy funds these short lifespan projects with 100% current revenue.
- **Support Services** projects such as information technology and security improvements are funded 100% with current revenue due to the short lifespan of most information systems. The Riverside Campus project is funded with 100% debt as are all other major facilities projects since their expected useful life is 30 years or greater.

Taxable Debt

- **On-site Generation** is funded with 100% taxable debt.

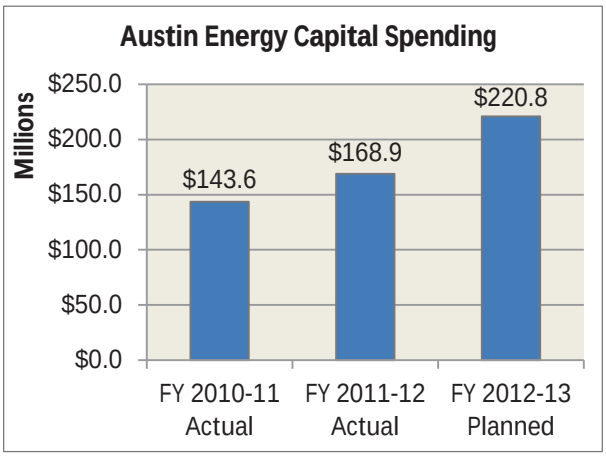
The following chart shows the projected funding sources of the FY 2013-14 spending plan.



When comparing the actual spending for FY 2010-11, FY 2011-12 and the plan for FY 2012-13, actual spending increased from $143.5 million in FY 2010-11 to $168.9 million in FY 2011-12. FY 2010-11 expenditures were mainly driven by the completion of the Fayette Power Project (FPP) Scrubbers project, substantial completion and go-live of the customer billing system replacement project, the first phases of construction on the System Control Center, and distribution projects for growth and reliability.

In FY 2011-12, the main drivers of spending were continued construction of the System Control Center, the de-construction of the Holly Power Plant, and Distribution and Transmission projects for growth and reliability including the Elroy substation for Formula One.

For FY 2012-13, major components of the spending plan include the final stages of construction of the System Control Center, completion of the Holly Power Plant decommissioning, Distribution and Transmission projects for growth and reliability including the Dunlap substation, and upgrades to the Domain Chiller plant.



Austin Resource Recovery

Austin Resource Recovery

Department Overview

The mission of the Austin Resource Recovery Department (ARR or the Department) is to achieve Zero Waste by providing excellent customer services that promote waste reduction, increase resource recovery and support the City of Austin's sustainability efforts.

The Department's capital project selection and prioritization process is guided by the ARR Master Plan, the City's climate protection goals and Federal law. The ARR Master Plan establishes the framework for promoting and implementing programs to minimize environmental impacts and enhance resource conservation opportunities for ARR and Austin citizens for the next 30 years.

To accomplish this mission, the Proposed Fiscal Year (FY) 2014-2018 Capital Improvements Program (CIP) Plan addresses the Department's challenges and supports its goals relating to its Zero Waste mission.

Included within the ARR Master Plan is an expansion of curbside residential service to include a third cart for organics recovery. This new program will require vehicle investment within the five-year forecast. The ARR Master Plan also recommends a new Consolidated Northeast Service Center, to include a second Household Hazardous Waste (HHW) collection site and a Compressed Natural Gas (CNG) Fueling Station. The new Consolidated Northeast Service Center location will also allow for deployment of route vehicles, in addition to the Kenneth Gardner Service Center located south of downtown Austin. By building the additional Consolidated Northeast Service Center and geographically grouping routes around each ARR Service Center, a reduction in carbon footprint will be realized.

The ARR FY 2013-14 Business Plan includes plans for converting the ARR fleet of vehicles to CNG to reduce the Department's carbon footprint. This green fuel conversion will take several fiscal years to complete. In addition, the plan includes the implementation of the Universal Recycling Ordinance (URO), approved by City Council in October 2010. Implementation of this URO requires current ARR commercial customers to begin recycling, where they may not have previously participated. Additionally, URO amendments planned for this fiscal year will also require food service providers to compost food scraps beginning in 2017. The URO recycling requirements will phase in over four years, beginning in October 2012, with composting requirements planned for full implementation by 2017. The implementation of the URO will affect the Department's CIP by requiring new equipment purchases, fleet conversions, and new facilities.

The Department CIP is organized into specific project types that help implement Department goals. These projects will provide best value services which move the City toward achieving its Zero Waste initiatives. These project categories include **Equipment Purchases, Landfill Closures and Environmental Remediation, Facilities, and Eco-Industrial Park**.

Prior Year Accomplishments

Equipment Purchases

The Department had several CIP accomplishments in recent fiscal years. For FY 2011-12, eight alternative fuel trucks were ordered along with two additional hybrid cars. In support of the City's sustainability effort, the Department will purchase 18 compressed natural gas vehicles in FY 2012-13. The use of alternative fuel vehicles will result in a net decrease in carbon emissions from the Department's fleet.

ARR continues to provide administrative support to the Code Compliance Department (CCD) and its prior year

accomplishments on equipment and vehicle purchases included the purchase of four pick-ups in FY 2011-12. CCD will purchase 25 vehicles in FY 2012-13, which includes 7 hybrids.

Landfill Closures and Environmental Remediation

The FM 812 Landfill stopped receiving municipal solid waste in 1999. The landfill continued to receive construction and demolition (C&D) debris waste until FY 2008-09. Under State and Federal regulations, after the landfill is officially closed, the City is required to perform post-closure care and maintenance for 30 years. The Texas Commission on Environmental Quality (TCEQ) approved the final closure plan which is anticipated to be completed in FY 2012-13. ARR has completed the major construction activity including final elevation contours and drainage improvements needed for closure under Federal and TCEQ regulations. After the vegetative cover has been established at the landfill site, TCEQ will conduct a final inspection. Upon receipt of TCEQ approval, the FM 812 Landfill will be considered in "final closure" and ARR will begin post-closure monitoring and maintenance for the next 30 years.

FY 2013-14 Work Plan

The Austin Resource Recovery FY 2013-14 CIP Work Plan includes the following project areas:

Equipment Purchases

ARR Capital Equipment is an on-going program that provides for vehicles, equipment, upgrades and replacements for ARR and CCD. As the City engages in a strong sustainability effort, ARR will support this mission through a multi-year conversion from diesel trucks to alternatively fueled vehicles. In addition, the Department will add a third cart to each residential unit for the collection of organics, requiring new vehicle purchases.

A key project in this program for FY 2013-14 is *ARR Vehicle Fleet Technology Upgrades*. The existing systems that support the Department's vehicle fleet are not integrated as they require manual duplicate entries and do not support analysis to improve efficiency or timely monitoring of fleet management, personnel performance and business productivity indicators. Technology upgrades are needed to improve the efficiency and productivity of ARR's Pay-As-You-Throw and Litter Abatement Programs and associated administrative support. This would reduce the costs of current operations and pave the way for the cost-effective introduction of future expanded operations, such as curbside organics collection. The system upgrades include on-board GPS units, video camera, and data integration from trucks, facilities and driver inputs, integration with RouteSmart, Radio-Frequency Identification of electronic vehicle inspection, and checkout and scaling of trucks.

The benefits of the upgrades include capability of real-time remote monitoring, effective integration, and improved efficiency of operations. In addition, this will contribute to the reduction of fuel costs and carbon footprint, and optimize travel patterns, and cost effectiveness in the implementation of expanded collection programs.

Overall, the project will contribute to elements of the Austin Climate Protection Plan and ARR Master Plan to achieve its Zero Waste goals.

Landfill Closures and Environmental Remediation

Landfill Capital Requirements

The FM 812 Landfill Closure program is nearing completion and it is not anticipated that further funding will be required for the program. Once the landfill is closed and accepted by TCEQ, a 30 year post-closure care program will begin, funded through the ARR Operating budget.

This year the *Landfill Capital Requirements* program will include the *FM 812 Landfill Gas to Energy (LFGTE) Project.* The FM 812 Landfill currently has a Gas

Collection Control System (GCCS) in place in accordance with Federal and State environmental regulations. Currently landfill gas (including methane) is flared onsite, but there is no energy recovered by this operation. A feasibility study addressed the possibility and viability of installation of a LFGTE system onsite that would use methane generated from the breakdown and putrification of municipal solid waste that was landfilled at the site. The study showed that if certain upgrades to the current system of gas collection wells and infrastructure were made, the GCCS would be suitable for a designed and built LFGTE platform. Methane could be used to generate electricity that could be used in the Eco-Industrial Park and/or delivered to the electrical grid for revenue.

Closed Landfill Assessments & Remediation

Throughout Austin, residents have used numerous illegal dump and landfill sites for municipal solid waste disposal. These sites may require periodic monitoring, and some sites may require engineering and remedial actions. Several City Departments work together in managing these types of sites, helping to ensure the safety and well-being of Austin residents and protect the environment.

One of the goals of ARR is to help provide and implement site assessments, remedial alternatives development, remediation and design and construction on closed landfill sites. Many of these sites were non-permitted dumping sites that existed prior to the current federal standards. These projects are funded through contributions from multiple departments.

Facilities

Consolidated Northeast Service Center

The project includes the future costs related to a second ARR service center, situated in northeast Austin. The search for an appropriate site will continue in FY 2013-14. A new service center would enable the Department to lower its carbon footprint by running north area operations from a nearby center instead of from the south service center. Besides the north deployment of collection vehicles, the site could also support a second Household Hazardous Waste Collection Facility and a fueling station. The City is also exploring opportunities to realize benefits from multi-utilization of this site.

Resource Recovery Center (RRC) Enclosure

ARR operated and maintained a dual stream material recovery facility (MRF) at 3810 Todd Lane. The facility operation ceased when the City began the single stream contract with local providers. The facility will be repurposed and converted to become the Resource Recovery Center (RRC). The former structure will be totally enclosed. Large roll-up vehicle bay doors will also be installed.

It is envisioned that the RRC Enclosure project, along with the larger MRF building and tipping floor, will handle batteries, motor oil, latex paint, anti-freeze, brush and other recoverable materials. It will include a reuse yard for building materials and will accept bulk items delivered to the site by the Department or by the public. This process will reduce the amount of waste items that are abandoned or dumped throughout the City. The RRC will help ARR achieve its Zero Waste goals.

Eco-Industrial Park

The Department's closed FM 812 landfill at 10108 FM 812 has available unused acreage. ARR is building a new Eco-Industrial Park that will be situated on this unused property. The Eco-Industrial Park will be a system of research and production type facilities that will look for and produce products that are recovered from waste streams from throughout the City. These facilities will conserve natural and economic resources, reduce energy and water usage, and provide opportunities for reuse and/or recycling of waste materials. This will lead to reduced volumes of waste materials being sent to landfills. The Eco-Industrial Park will also support businesses that can consume collected recyclables as new feedstock for new product manufacturing. Potentially, electricity could be supplied for the Eco-Industrial Park from the proposed Landfill Gas to Energy system at the FM 812 Landfill.

Project Selection and Prioritization Process

The ARR Department project selection and prioritization process is guided by the ARR Master Plan, the City's climate protection goals, Federal law, and the Imagine Austin Comprehensive Plan. The ARR Master Plan helps establish the framework for promoting and implementing programs to minimize environmental

impacts and enhance resource conservation opportunities for ARR and Austin citizens for the next 30 years.

In support of its mission for Zero Waste and its commitment to abide by Federal law, the Department prioritizes landfill closure projects accordingly. The new facilities that the Department will build (the Eco-Industrial Park, Resource Recovery Center and the Consolidated Northeast Service Center) will provide necessary infrastructure to advance the City's and Department's goals.

Finally, as noted previously, the Department is acquiring CNG, hybrid and all-electric vehicles for its fleet operations and with a new Consolidated Northeast Service Center, restructuring of vehicle routes will be possible. These projects were selected specifically to address the City's climate protection goals.

Imagine Austin

The ARR Department is a leader and innovator in implementing strategies and programs that support the City of Austin's Imagine Austin Comprehensive Plan. Imagine Austin defines a vision of how Austinites want the city to grow and develop over the next three decades.

Imagine Austin provides specific guidelines for City Facilities and Services (CFS) in the Solid Waste Policies section. Fifteen key challenges were identified by the City. Several of these challenges relate to ARR projects and goals:

- Reducing energy consumption to meet the energy efficiency goals set by Austin Energy and the greenhouse gas reduction goals of the Austin Climate Protection Plan.
- Increasing recycling rates from multi-family, commercial, institutional, industrial, and manufacturing waste generators.
- Developing more local recycling and composting facilities with capacity to handle large volumes of discarded materials.
- Preserving environmentally sensitive areas as open space and providing parks within walking distances of all city residents.
- Maintaining existing public infrastructure and facilities, such as streets, public buildings, parks, and water, wastewater, and drainage systems, while planning for new investments to accommodate future growth and the community's desire for new programs and infrastructure.

In relation to municipal solid waste, specific items have been identified in Imagine Austin that can be used as guidelines for ARR's capital program:

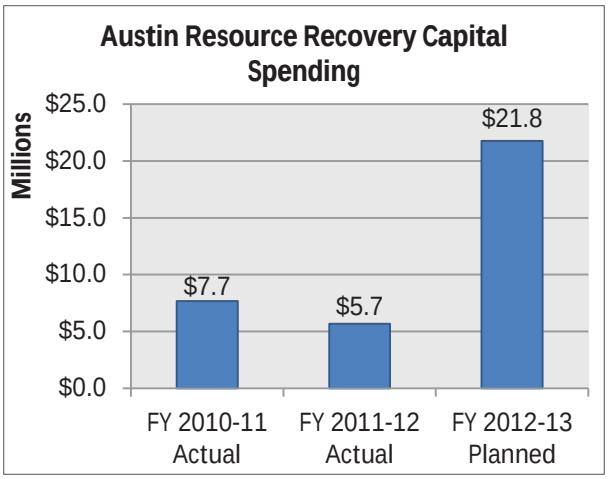
- CFS P16. Expand waste diversion rates and services:
  1. Require recycling at apartment complexes, retail establishments, restaurants, and manufacturers.
  2. Increase the types of materials that can be added to curbside collection.
  3. Develop more effective recycling practices for construction and demolition debris.
  4. Increase composting at homes and businesses.
  5. Improve recycling of materials and food scraps in public spaces, in trash receptacles on city streets, and at public events.
- CFS P17. Divert hazardous waste from landfills and increase participation in recycling hazardous materials by developing programs and practices such as on-call door-to-door hazardous waste collection program.
- CFS P18. Divert bulk items, such as furniture and other household items, from landfill and consider ways to recycle or reuse these materials.
- CFS A25. Cluster and, where appropriate, co-locate public facilities and programs to reduce cost.
- CFS A30. Implement the Zero Waste Strategic Plan and Austin Resource Recovery Master plan to divert 90 percent of waste from landfills and incinerators by 2040 with particular attention to:
  1. Expanding diversion opportunities such as recycling and composting for residents and businesses;
  2. Support resale, refurbishing, and reuse opportunities throughout Austin;
  3. Fostering public awareness of Zero Waste through education, recognition, and incentive programs;
  4. Assessing the current capacity of waste diversion facilities to coordinate with the Growth Concept Map.

The *ARR Capital Equipment* program will continue to convert traditional fueled vehicles to CNG to reduce the Department's carbon footprint. Conversion of the entire fleet of vehicles is estimated to take five years. *Landfill Capital Requirements* will include the capture of fugitive gases over a 30 year post-closure care timeframe and will also include installing a gas-to-energy system, the *FM 812 LFGTE Project*, at the closed landfill with potential to generate revenue by produced energy from landfill gas. *Closed Landfill Assessments and Remediation* will clean up old environmental landfill and dump sites around the City to help ensure that Austin is safe from health and environmental concerns associated with those sites. The addition of the *Consolidated Northeast Service Center* will reduce ARR's carbon footprint by allowing northern routes to be run from the new center and southern routes from the Kenneth Gardner Service Center. Adding a second Household Hazardous Waste Facility will also reduce Austin's carbon footprint by allowing customers in North Austin to use the new location.

These projects will have a positive impact on several Imagine Austin initiatives which include: growing Austin's economy, helping to protect and remediate certain environmental sites, protecting the air with cleaner burning green fuels, providing an additional Household Hazardous Waste Facility which will keep Austin cleaner and help prevent harmful chemicals from being illegally dumped in the environment.

CIP Funding Sources

The Austin Resource Recovery Department utilizes a combination of cash and debt to support its CIP. Capital spending for the Department over the past few fiscal years has been driven chiefly by capital equipment purchases and the FM 812 Landfill Closure. The FY 2012-13 spending plan is also primarily driven by capital equipment purchases and the FM 812 Landfill Closure, but also several environmental remediation projects. The chart below illustrates the Department's capital spending.



*FY13 Planned amount includes $1.08 million of Code Compliance Department for its Capital Equipment and Vehicle.

2013-2014 CIP Spending Plan Summary

Austin Resource Recovery

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
5697:ARR Capital Equipment	$68,691,180	$15,496,480	$29,235,460	$7,922,698	$12,750,989	$7,065,943	$0	$141,162,750
5773:Austin Resource Recovery Facilities	$0	$500,000	$0	$0	$0	$0	$0	$500,000
5700:Closed Landfill Assessments &	$9,453,133	$3,595,481	$0	$0	$0	$0	$0	$13,048,614
10481:Eco Industrial Park	$0	$2,500,000	$0	$0	$0	$0	$0	$2,500,000
5698:Landfill Capital Requirements	$13,693,156	$62,000	$0	$0	$0	$0	$551,228	$14,306,384
Total	**$91,837,469**	**$22,153,961**	**$29,235,460**	**$7,922,698**	**$12,750,989**	**$7,065,943**	**$551,228**	**$171,517,748**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Austin Resource Recovery

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
5697:ARR Capital Equipment	$68,731,181	$15,496,480	$29,235,460	$7,922,698	$12,750,989	$7,025,943	$0	$141,162,751	Other Debt Cash
5773:Austin Resource Recovery Facilities	$0	$500,000	$0	$0	$0	$0	$0	$500,000	Cash
5700:Closed Landfill Assessments & Remediation	$13,048,614	$0	$0	$0	$0	$0	$0	$13,048,614	Debt Cash
10481:Eco Industrial Park	$0	$2,500,000	$0	$0	$0	$0	$0	$2,500,000	Cash
5698:Landfill Capital Requirements	$14,306,384	$0	$0	$0	$0	$0	$0	$14,306,384	Debt
Total	**$96,086,179**	**$18,496,480**	**$29,235,460**	**$7,922,698**	**$12,750,989**	**$7,025,943**	**$0**	**$171,517,749**	

DRAFT

Austin Water Utility

Austin Water Utility

Department Overview

The Austin Water Utility's (AWU) vision is to be recognized as the best water utility in the nation, in a city that is the best managed city in the nation. AWU is committed to achieving this goal, while providing safe, reliable, and high quality water services to our customers and protecting the environment through sustainable practices. AWU provides retail water and wastewater services to a population of approximately 925,000 inside and outside the city limits as well as about twenty wholesale customers, including the communities of Rollingwood, Sunset Valley, Manor, Westlake Hills, two water control and improvement districts, five municipal utility districts, and several water supply corporations and private utilities. AWU draws water from the Colorado River into two water treatment plants that have a combined maximum capacity of 285 million gallons per day. Drinking water is pumped from the plants into Austin's water distribution system, which has a total reservoir storage capacity of approximately 167 million gallons. AWU also operates a collection system that brings wastewater to two major treatment plants where it is treated before either being returned to the Colorado River or reclaimed for irrigation, cooling, or industrial uses. A biosolids facility at Hornsby Bend receives sludge generated by the treatment processes at AWU's wastewater plants and uses it to create compost. This facility has gained national recognition for its management of the waterways and lands, leading to its recognition as a national birding sanctuary. Lastly, AWU promotes water conservation through educational, enforcement and incentive programs as well as manages the City's wildlands and Balcones Canyonlands Preserve (BCP), which conserve habitat for endangered species.

Reliable water and wastewater service is essential to the health and welfare of the community. Continued investment in the utility system is a prerequisite for economic growth and prosperity in the future. AWU has been recognized for excellence of its services and management practices, but faces important challenges in continuing to serve the community. These challenges include financial stability, implementation of a capital improvement program (CIP), and the revenue and cost impacts resulting from increased water conservation. The CIP provides funding for capital projects necessary to serve new growth, ensure system reliability, comply with regulatory requirements, and accommodate the roadway improvements in AWU's service area. With an estimated $3 billion in fixed assets, AWU is a very capital-intensive enterprise, which requires continuous investment in extensive above and below ground infrastructure.

AWU spends nearly $1 billion on infrastructure every five years in its three utility systems: Water, Wastewater, and Reclaimed through CIP. The Fiscal Year 2014-2018 program presents 359 projects defined as rehabilitation of existing infrastructure or new infrastructure, and is organized into thirteen project types which include the following: **annexed area, lift station, pump station, rehabilitation, relocation, reservoir, Service Extension Request (SER) reimbursements, transmission/distribution, treatment plant, vehicles and equipment, water reclamation initiative, wastewater collection, and other.** These project types are outlined below:

- **Annexed area** – To provide services to areas annexed by the City.
- **Lift station** – To build and improve wastewater lift stations.
- **Pump station** – To build and improve water pump stations.
- **Rehabilitation** – To improve or replace existing water and wastewater facilities that are no longer adequate to provide sufficient, reliable service.
- **Relocation** – To relocate water and wastewater facilities affected by road construction.
- **Reservoir** – To build and improve water storage facilities.
- **SER reimbursements** – To reimburse developers for water and wastewater facilities built on the City's behalf.
- **Transmission/distribution** – To build and improve water transmission and distribution facilities.
- **Treatment plant** – To build and improve water and wastewater treatment facilities.
- **Vehicles and equipment** – To purchase vehicles and equipment necessary for ongoing operations.
- **Water reclamation initiative** – To develop facilities to reclaim treated wastewater and distribute the reclaimed water for appropriate uses.
- **Wastewater collection** – To build and improve wastewater collection facilities.
- **Other** – To improve facilities and systems that are not in other categories, such as administrative buildings, service centers, and computer systems.

Water Treatment Plant 4 Site at Bullick Hollow

Prior Year Accomplishments

AWU spent approximately $266 million on infrastructure improvements in FY 2011-12 compared to $246 million in FY 2010-11. AWU anticipates spending approximately $259 million in FY 2012-13 with significant progress in the **Treatment Plant** project type with continued construction on Water Treatment Plant 4 (WTP 4) and improvements to the Hornsby Bend Biosolids Management Facility. **Water Reclamation Initiative (WRI)** project type milestone accomplishments include the installation of 15 miles of replacement water mains, over 8.5 miles of sewer mains and the extension of the reclaimed water system to Krieg Field, the Guerrero-Colorado River Park, and BAE Systems.

Treatment Plant

WTP 4 has all major engineering and construction contracts in place. Construction is proceeding under the Construction Manager at Risk (CMAR) delivery model. Under this approach, work is grouped into Guaranteed Maximum Price (GMP) packages that are comprised of multiple sub-contractor work packages. Through the end of FY 2011-12, AWU has spent $282.2 million on WTP 4 and related transmission mains. Expenditures during FY 2011-12 totaled $127.9 million while FY 2010-11 expenditures totaled $66.2 million. AWU anticipates spending about $124 million in FY 2012-13.

View from inside the Downtown Wastewater Tunnel

Wastewater Collection

The Downtown Wastewater Tunnel will be completed in FY 2012-13 at a cost of nearly $58 million. The new four-mile long wastewater tunnel crosses under Lady Bird Lake three times from the Seaholm Power Plant to South Pleasant Valley Road near Krieg Field in southeast Austin. The bulk of the work was done up to 80 feet underground using the latest in tunneling technology. The new wastewater infrastructure is expected to last 100 years—twice as long as the old system due to the use of state-of-the-art materials like resin instead of traditional concrete. The tunnel will serve downtown and parts of south Austin, transporting wastewater to AWU's plants for treatment. In addition to added capacity, the tunnel construction allowed AWU to decommission two lift stations, thereby reducing energy consumption and maintenance cost, while freeing up downtown land for other uses including the new central library and more parks.

In November 2009 the Texas Water Development Board (TWDB) awarded AWU a $31.8 million no-interest loan funded through the American Recovery and Reinvestment Act (ARRA). This loan allows AWU to implement plant-wide green improvements at the Hornsby Bend Bio-Solids Plant, including a new 15-acre compost pad, upgrades to enhance the energy efficiency of the biosolids processing and upgrades to increase production of digester biogas. The compost pad was substantially completed in February 2011. Other Hornsby improvements include digester tank rehabilitation and bio-solids management plant upgrades for improved efficiency and reliability, including enhanced production and capture of digester gas. This renewable energy source will be used to generate electricity. This portion of the project should be completed in FY 2012-13.

Rehabilitation

AWU rehabilitated or replaced about 104,200 linear feet of water mains in FY 2011-12 compared to about 46,600 linear feet of water pipelines in FY 2010-11. Wastewater pipeline infrastructure projects comprised of about 44,100 linear feet of sewer main through rehabilitation and replacement were completed in FY 2011-12 compared to about 55,800 linear feet in FY 2010-11. It is anticipated that 79,200 linear feet of rehabilitation and/or relocation projects will be completed during FY 2012-13.

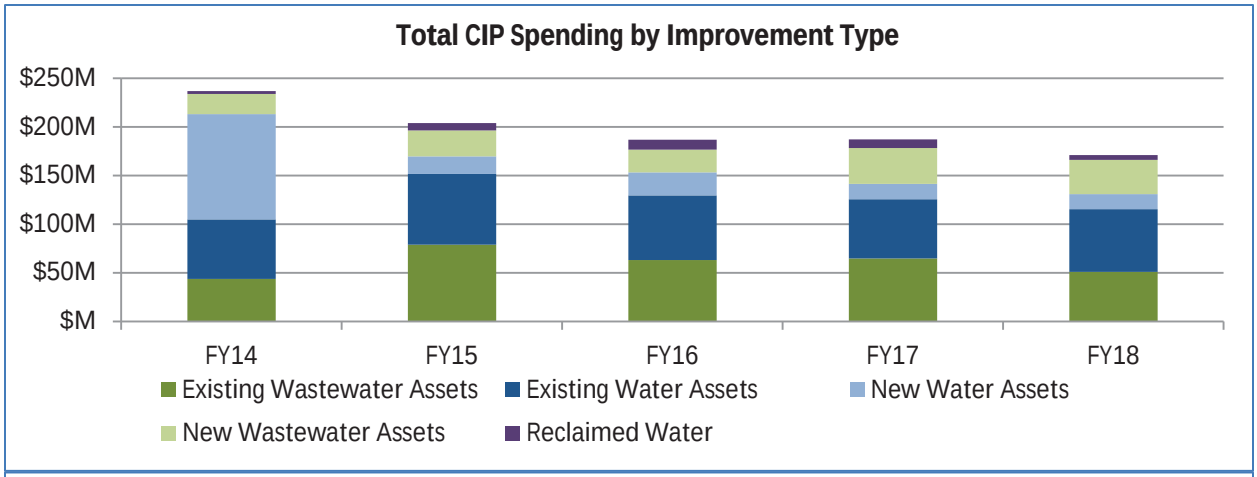
Water Reclamation Initiative

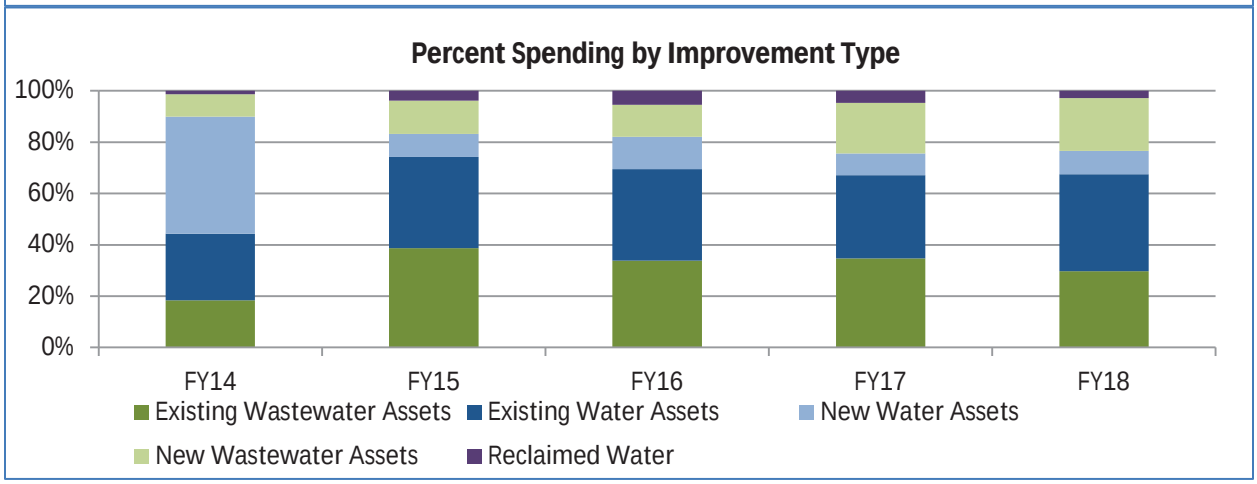
AWU continued to expand the reclaimed water program in FY 2011-12 by continuing construction of two major projects that will both be completed in FY 2012-13. The first project is the Montopolis Main that will connect Krieg Field and the Guerrero-Colorado River Park. The second project nearing completion is the reclaimed main that will connect BAE Systems along with, other potential customers in the area. In FY 2012-13, design work will continue for the 2nd Street area including the new Central Library, the design for the Smith Road Extension to serve the Animal Shelter, Govalle Park, and the Smith Road Business Park. In addition, design work should begin on extending the main going to the downtown area to serve the Capitol Complex, Waterloo Park, Austin Community College, and various State of Texas office buildings. Reclaimed water is recycled from wastewater generated by homes and businesses and treated for virtually any use not requiring higher-quality drinking water, including irrigation, cooling towers, industrial uses, and toilet flushing. Using reclaimed water protects the drinking water supply, recycles water, and saves money. AWU's Water Reclamation Initiative (WRI) projects treats wastewater in a way that is reusable rather than returning the water to the Colorado River. WRI is an integral part in AWU's water conservation program.

Reclaimed Water is distributed via purple-colored pipes to distinguish it from drinking water

FY 2013-14 Work Plan

The FY 2013-14 work plan emphasizes replacement and rehabilitation of critical assets throughout the water and wastewater systems, which consist of horizontal assets (pipes, valves, etc.) and vertical assets (treatment plants, pump stations, reservoirs, lift stations, etc.). Furthermore, the work plan continues to emphasize the growth of reclaimed water assets. The charts on the following page show the dollar and percentage of spending planned for the various improvement types for the five-year planning horizon. Note that the financial information in the charts and subsequent text reflects all AWU CIP funding, including funding contributions to projects led by other departments (e.g. utility work conducted as part of a Public Works street reconstruction project).





FY 2014 through FY 2018 spending plan projects and dollars by major project types include:

- **Annexed area** (6 projects for $18.0 million) – To provide services to areas annexed by the City.
- **Lift station** (20 projects for $24.9 million) – To build and improve wastewater lift stations.
- **Pump station** (10 projects for $34.3 million) – To build and improve water pump stations.
- **Rehabilitation** (72 projects for $178.2 million) – To improve or replace existing water and wastewater facilities that are no longer adequate to provide sufficient, reliable service.
- **Relocation** (32 projects for $23.9 million) – To relocate water and wastewater facilities affected by road construction.
- **Reservoir** (7 projects for $30.9 million) – To build and improve water storage facilities.
- **Transmission/distribution** (31 projects for $97.1 million) – To build and improve water transmission and distribution facilities.
- **SER reimbursements** (10 projects for $41.9 million) – To reimburse developers for water and wastewater facilities built on the City's behalf.
- **Treatment plant** (100 projects for $388.6 million) – To build and improve water and wastewater treatment facilities.
- **Vehicles and equipment** (2 projects for $15.2 million) – To purchase vehicles and equipment necessary for ongoing operations.
- **Water reclamation initiative** (14 projects for $39.9 million) – To develop facilities to reclaim treated wastewater and distribute the reclaimed water for appropriate uses.
- **Wastewater collection** (16 projects for $66.1 million) – To build and improve wastewater collection facilities.
- **Other** (39 projects for $27.2 million) – To improve facilities and systems that are not in other categories, such as administrative buildings, service centers, and computer systems.

Project Selection and Prioritization Process

AWU's CIP management team develops, prioritizes and manages the CIP program, coordinating closely with AWU's financial management division, engineering

services division, modeling and planning team, and the asset management team. AWU works closely with other City departments responsible for CIP project planning and delivery. In addition, AWU is integrating a comprehensive asset management program with existing financial and project delivery systems.

CIP project selection and prioritization involves a bottom-up approach of reviewing existing CIP priorities and identifying critical needs. The CIP team analyzes previous CIP spending compared to the approved budget in an effort to improve project cost and schedule estimates. They then meet with AWU personnel responsible for managing, operating, planning, financing, and delivering CIP projects to develop priority lists by infrastructure category. Information from asset management condition assessments and from hands-on operations personnel provide an essential basis for the development of these CIP priority lists. A CIP coordinating committee composed of representative chairpersons from different AWU divisions evaluates projects based on the identified priorities. Once these evaluations are complete, AWU's director and executive team meet regularly with the CIP coordinating committee and the CIP management team to finalize the CIP plan.

Through this process, AWU carefully evaluates each CIP project to determine the impact of any project reprioritizations. This CIP plan is designed to balance investments in rehabilitation and/or replacement projects to reduce risks associated with aging infrastructure with investments in major infrastructure system improvement projects to support growth and development.

Imagine Austin

Imagine Austin was adopted by the Austin City Council in June 2012. City staff-led teams are in the process of implementing priority programs contained in the Imagine Austin Comprehensive Plan. AWU's CIP fundamentally connects with several of the plan's priority programs, including "Invest in a compact and connected Austin" and "Sustainably Manage Our Water Resources."

Additionally, Imagine Austin's Growth Concept Map provides framework and context for AWU's CIP.

Reliable water and wastewater services are essential to the health and welfare of the community, and continued investment in AWU's system is a prerequisite for Austin's economic growth and prosperity. AWU's CIP is consistent with key elements of the "Invest in a compact and connected Austin" work plan, which focuses on investing in new, and reinvesting in existing infrastructure to support a compact and connected city through a planning-driven CIP. The AWU CIP plan's emphasis on rehabilitating and replacing aging assets is essential to supporting compact and connected development and redevelopment and ensuring the City's ability to supply services to a dense and diverse urban environment. For example, Austin's "Renewing Austin" is a five-year program to upgrade aging water lines, which will invest $125 million focusing on areas with the greatest need, including the urban core. This program supports reduction of system water losses by targeting replacement of aged mains. On the wastewater-side, AWU manages a similar program for replacing aged mains. Continuous investment reduces system water losses and wastewater leaks and infiltration that can degrade the environment and reduce the efficiency of treatment. AWU's CIP is coordinated with transportation projects, including City, Travis County, and Texas Department of Transportation (TxDOT) projects.

AWU's CIP connects with key elements of the "Sustainably Manage Our Water Resources" priority program including water conservation and reuse, energy efficiency and efforts to reduce greenhouse gas emissions, improve water quality, and increase access to a sustainable water supply. AWU is the City's co-lead department on this priority program with the Watershed Protection Department. AWU's CIP includes projects to construct $39.9 million in reclaimed water infrastructure over the next five-years aimed at expanding the system and use of reclaimed water. The approach of ensuring the long-term sufficiency of the water supply and infrastructure systems while investing in conservation programs and water reclamation allows for predictable and flexible future development, guided by the City's collective vision and planning framework created through Imagine Austin.

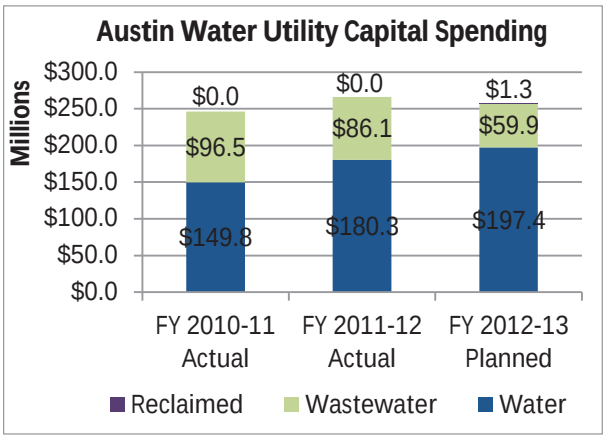
AWU works to coordinate with other departments and offices including the Capital Planning Office, Public Works, Planning and Development Review, Transportation, and Watershed Protection Departments to

better plan and execute the CIP. Through continuous investment and reinvestment in water and wastewater infrastructure, AWU will be able to meet evolving water and wastewater needs, while maintaining affordability and managing the revenue impacts of increased water conservation.

CIP Funding Sources

In FY 2010-11, AWU spent a total of approximately $246 million on CIP projects including $66.2 million for WTP4, $38.1 million for the South I-35 Water and Wastewater Infrastructure Program, $40.2 million for rehabilitation and relocation projects, and $24.6 million for the Downtown Tunnel Projects. In FY 2011-12, AWU spent approximately $266 million on CIP projects including $127.9 million for WTP4, $38.9 million for rehabilitation and relocation projects, $17.8 million on wastewater treatment plants, $17.4 for the Downtown Tunnel Project, and $6.7 million for Reclaimed Projects.

The chart below shows the actual spending for recent fiscal years, along with the planned spending for FY 2012-13.



This CIP provides funding for capital projects necessary to serve new growth, ensure system reliability, comply with regulatory requirements, and accommodate roadway improvements in AWU's service area over the next five years. The recommended five-year spending plan is allocated as follows:

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	TOTAL
Reclaimed	$8.0	$8.2	$10.0	$8.8	$4.9	$39.9
Water	$164.5	$90.4	$90.2	$76.7	$80.2	$502.0
Wastewater	$64.6	$105.6	$86.5	$101.7	$85.9	$444.3
Combined	$237.1	$204.2	$186.7	$187.2	$171.0	$986.2

These CIP expenditures are necessary to ensure the ongoing integrity of the City's water, wastewater, and reclaimed water systems. The program is financed largely by the issue of commercial paper that is later refinanced with long-term debt serviced by AWU's revenues.

The costs of developing and administering the CIP program are included in AWU's operating funds. The costs of the CIP program are therefore a major influence on operating costs. Many CIP expenditures increase operating costs, because they result in assets that must be operated and maintained. However, rehabilitation and replacement of older assets can reduce operating costs by increasing the efficiency of the system.

In addition, the majority of capital expenditures are financed with long-term debt which must be serviced. Once debt is issued, the payments are an inflexible element in AWU's budget, so any required cost containment must come from the remainder of the budget. Currently, debt service accounts for about forty percent of AWU's revenue requirements. The projected AWU operating costs are increasing at a higher rate than the growth in base revenues.

Unfunded Capital Needs Requests

Because of the size and complexity of the CIP program, there are always projects that need to be executed but cannot be undertaken as quickly as AWU would prefer. AWU's program is designed to address the highest priorities first. When unforeseen conditions arise requiring spending on a project that was not in the current year's plan, another project or projects may have to be delayed.

2013-2014 CIP Spending Plan Summary

Austin Water Utility

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
4857:Annexation - Service to Annexed	$16,688,810	$12,391,000	$4,181,000	$1,481,000	$0	$0	$15,079,610	$49,821,420
3185:AWU Capital Equipment	$35,693,628	$3,200,000	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$20,600,000	$71,493,628
5645:AWU Facility Design Standards	$503,191	$200,000	$0	$0	$0	$0	$0	$703,191
3212:AWU Pipeline Relocations	$30,003,794	$4,706,708	$6,462,000	$875,000	$75,000	$1,075,000	$50,450,000	$93,647,502
10110:AWU Rotation List Administration	$31,060	$0	$0	$0	$0	$0	$0	$31,060
6621:AWU Security	$2,979,623	$2,170,000	$1,630,000	$725,000	$600,000	$500,000	$1,000,000	$9,604,623
757:AWU Service Centers	$5,628,105	$980,000	$959,000	$1,109,000	$967,000	$1,559,000	$5,835,000	$17,037,105
3353:AWU Service Extension	$45,312,855	$1,714,000	$18,397,000	$10,165,000	$9,650,000	$2,000,000	$26,676,000	$113,914,855
3159:AWU Utility Automation	$9,240,653	$4,022,000	$1,800,000	$960,000	$1,100,000	$1,000,000	$13,340,000	$31,462,653
4954:Barton Creek Area WW	$1,177,554	$323,000	$0	$0	$0	$500,000	$14,100,000	$16,100,554
3170:Bee Cave Woods LS Improvements	$13,055	$0	$200,000	$200,000	$1,500,000	$0	$0	$1,913,055
9084:CIP Admininistrative Project	$36,848	$40,000	$0	$0	$0	$0	$0	$76,848
4953:Conservation Land	$1,961,744	$668,000	$598,000	$198,000	$354,000	$304,000	$2,050,000	$6,133,744
2015:Davis Water Treatment Plant	$12,328,676	$12,153,050	$26,549,304	$24,763,912	$11,994,045	$7,580,000	$65,376,000	$160,744,987
6934:Distribution System Conversions	$0	$75,000	$300,000	$0	$0	$0	$0	$375,000
4927:Govalle Tunnel Odor/Corrosion Control Project	$15,435,805	$0	$75,000	$800,000	$0	$500,000	$1,000,000	$17,810,805
3007:Govalle WWTP - Improvements	$240,000	$0	$0	$0	$0	$0	$0	$240,000
2009:Green Water Treatment Plant	$12,815,750	$0	$0	$0	$0	$0	$0	$12,815,750
3164:Hornsby Bend Biosolids Management	$52,916,656	$6,671,274	$9,425,000	$10,500,000	$7,205,000	$8,450,000	$9,900,000	$105,067,930
7267:Lab Casework Cabinets Rehab	$168,211	$0	$600,000	$0	$0	$0	$0	$768,211
3168:Lift Station & Force Main Rehab &	$10,665,582	$3,867,870	$6,113,000	$7,035,500	$4,588,200	$4,665,000	$85,200,000	$122,135,152
5071:Loop 360 Water System	$13,114,646	$0	$0	$0	$0	$0	$0	$13,114,646
6936:Martin Hill Area/Loop 1 North	$0	$0	$0	$0	$0	$0	$9,500,000	$9,500,000

DRAFT

2013-2014 CIP Spending Plan Summary

Austin Water Utility

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
2028:Martin Hill Transmission Main	$10,276,525	$7,746,000	$4,519,000	$1,425,000	$0	$0	$0	$23,966,525
3257:New Drinking Water Laboratory	$539,549	$0	$0	$50,000	$300,000	$300,000	$3,200,000	$4,389,549
5481:North Austin Wastewater Interceptor	$58,270,968	$0	$0	$0	$0	$0	$0	$58,270,968
4769:Northeast Area Regional Wastewater Master Plan	$11,936,625	$2,081,000	$5,530,000	$3,737,000	$4,475,000	$11,845,000	$18,625,000	$58,229,625
5038:NWC/Anderson Mill Area Pressure Zone Imp.	$12,739,743	$3,860,000	$0	$0	$0	$0	$0	$16,599,743
7265:Package WWTP	$1,818,048	$880,000	$2,175,000	$1,650,000	$2,925,000	$5,400,000	$34,350,000	$49,198,048
5309:Polybutylene Service Replacements	$217,462	$0	$0	$0	$75,000	$1,500,000	$660,000	$2,452,462
2006:Pump Station Improvements	$10,197,626	$4,286,250	$2,906,000	$2,456,500	$2,132,800	$3,782,000	$30,700,000	$56,461,176
5267:Reclaimed Distribution System	$38,625,462	$7,843,000	$8,215,000	$10,045,000	$8,765,000	$4,900,000	$37,080,000	$115,473,462
2231:Replacement of Deteriorated	$88,933,077	$38,143,463	$34,128,637	$33,140,500	$34,521,000	$30,705,500	$318,872,500	$578,444,677
2127:Reservoir Improvements	$7,112,596	$3,450,000	$6,185,000	$8,695,000	$8,432,000	$10,972,000	$78,750,000	$123,596,596
4716:ROCIP (Rolling Owner Controlled	$59,408	$0	$0	$0	$0	$0	$0	$59,408
3333:South Austin Regional Wastewater	$7,356,584	$4,975,000	$26,050,000	$15,925,000	$38,400,000	$13,225,000	$371,505,000	$477,436,584
6937:South I.H. 35 Water and Wastewater	$78,698,818	$0	$0	$0	$0	$1,000,000	$9,000,000	$88,698,818
2981:Subdivision Engineering & Inspection	$23,582,239	$1,274,000	$1,274,000	$1,274,000	$1,274,000	$1,274,000	$10,192,000	$40,144,239
4800:System Improvements to Meet	$9,500,643	$150,000	$1,050,000	$1,800,000	$5,250,000	$3,100,000	$4,000,000	$24,850,643
8702:Treatment Plants Improvements	$1,922,491	$1,350,000	$925,000	$0	$0	$0	$0	$4,197,491
5335:Ullrich Water Treatment Plant	$4,210,355	$2,720,000	$4,040,000	$3,860,000	$6,254,100	$12,290,700	$32,817,550	$66,192,705
6659:Utility Management Studies	$2,544,940	$50,000	$500,000	$500,000	$0	$0	$0	$3,594,940
4798:Valve Replacement & Vault	$1,381,571	$0	$0	$0	$0	$0	$0	$1,381,571
7467:Walnut Creek Basin	$1,569,200	$0	$0	$0	$0	$0	$0	$1,569,200
3023:Walnut Creek Wastewater Treatment	$41,716,397	$7,954,250	$14,700,000	$13,700,000	$8,300,000	$18,880,000	$331,195,000	$436,445,647
6943:Wastewater Collection System	$1,179,950	$1,885,000	$710,000	$10,020,000	$14,315,000	$4,890,000	$167,555,000	$200,554,950

2013-2014 CIP Spending Plan Summary

Austin Water Utility

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
3163:Wastewater House Connections	$4,016,602	$300,000	$300,000	$300,000	$300,000	$300,000	$2,100,000	$7,616,602
6935:Water Distribution System	$92,185,473	$34,954,316	$4,366,000	$10,769,000	$3,680,000	$8,245,000	$160,475,000	$314,674,789
6939:Water Distribution System	$0	$0	$300,000	$1,000,000	$300,000	$0	$0	$1,600,000
2982:Water Services & Meters	$10,679,508	$300,000	$300,000	$300,000	$300,000	$300,000	$2,100,000	$14,279,508
6683:Water Treatment Plant #4	$339,848,530	$54,384,732	$1,795,297	$0	$0	$0	$0	$396,028,559
2056:WDCS/SCADA	$329,926	$60,000	$510,000	$960,000	$3,380,000	$4,360,000	$5,720,000	$15,319,926
448:Williamson Creek Interceptor	$1,782,469	$0	$0	$0	$500,000	$1,000,000	$38,500,000	$41,782,469
3156: WWW Systems Performance Studies	$716,034	$0	$0	$0	$0	$0	$0	$716,034
Total	**$1,130,905,067**	**$231,828,913**	**$200,768,238**	**$183,419,412**	**$184,912,145**	**$169,402,200**	**$1,977,503,660**	**$4,078,739,635**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Austin Water Utility

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
4857:Annexation - Service to Annexed Areas	$19,930,087	$10,650,723	$4,161,000	$0	$0	$0	$15,079,610	$49,821,420	Debt Cash
3185:AWU Capital Equipment	$37,284,235	$1,609,397	$3,000,000	$3,000,000	$3,000,000	$3,000,000	$20,600,000	$71,493,632	Debt Cash
5645:AWU Facility Design Standards	$540,429	$162,762	$0	$0	$0	$0	$0	$703,191	Debt Cash
3212:AWU Pipeline Relocations	$26,859,364	$7,851,144	$6,462,000	$875,000	$75,000	$1,075,000	$50,450,000	$93,647,508	Debt Cash
10110:AWU Rotation List Administration	$31,059	$0	$0	$0	$0	$0	$0	$31,059	Debt
6621:AWU Security	$4,716,383	$1,561,793	$851,448	$400,000	$1,075,000	$0	$1,000,000	$9,604,624	Debt Cash
757:AWU Service Centers	$5,689,366	$982,162	$909,000	$1,109,000	$953,582	$1,559,000	$5,835,000	$17,037,110	Debt Cash
3353:AWU Service Extension Reimbursements	$103,306,949	$11,153	$7,100,000	$2,000,000	$0	$0	$1,496,754	$113,914,856	Debt Cash
3159:AWU Utility Automation	$11,437,721	$3,157,055	$1,171,180	$959,000	$1,057,904	$950,000	$12,729,795	$31,462,655	Debt Cash
4954:Barton Creek Area WW Improvements	$1,181,500	$319,054	$0	$0	$0	$500,000	$14,100,000	$16,100,554	Debt Cash
3170:Bee Cave Woods LS Improvements	$13,055	$0	$200,000	$200,000	$1,500,000	$0	$0	$1,913,055	Debt
9084:CIP Admininistrative Project	$36,000	$40,848	$0	$0	$0	$0	$0	$76,848	Cash
4953:Conservation Land	$1,766,171	$918,221	$548,000	$193,352	$354,000	$304,000	$2,050,000	$6,133,744	Debt Cash

2013-2014 CIP Funded Appropriation Request Summary

Austin Water Utility

2015:Davis Water Treatment Plant	$32,898,448	$12,887,741	$18,527,469	$17,806,274	$12,259,055	$4,830,000	$61,536,000	$160,744,987	Debt Cash
6934:Distribution System Conversions	$0	$375,000	$0	$0	$0	0	$0	$375,000	Cash
4927:Govalle Tunnel Odor/Corrosion Control Project	$15,428,021	$7,785	$875,000	$0	$0	$1,500,000	$0	$17,810,806	Debt Cash
3007:Govalle WWTP - Improvements	$240,000	$0	$0	$0	$0	$0	$0	$240,000	Debt
2009:Green Water Treatment Plant	$12,815,751	$0	$0	$0	$0	$0	$0	$12,815,751	Debt Cash
3164:Hornsby Bend Biosolids Management Plant	$53,891,251	$5,346,680	$11,775,000	$11,500,000	$6,955,000	$5,500,000	$10,100,000	$105,067,931	Other Debt Cash
7267:Lab Casework Cabinets Rehab	$168,211	$0	$600,000	$0	$0	$0	$0	$768,211	Cash
3168:Lift Station & Force Main Rehab & Relief	$10,316,922	$3,761,883	$5,476,094	$7,285,500	$4,338,200	$1,465,000	$89,491,555	$122,135,154	Debt Cash
5071:Loop 360 Water System Improvements	$13,114,646	$0	$0	$0	$0	$0	$0	$13,114,646	Cash
6936:Martin Hill Area/Loop 1 North Pressure Zone Imp.	$0	$0	$0	$0	$0	$0	$9,500,000	$9,500,000	Debt Cash
2028:Martin Hill Transmission Main	$23,966,525	$0	$0	$0	$0	$0	$0	$23,966,525	Debt
3257:New Drinking Water Laboratory	$539,549	$0	$0	$50,000	$300,000	$300,000	$3,200,000	$4,389,549	Debt Cash

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Austin Water Utility

5481:North Austin Wastewater Interceptor	$58,270,969	$0	$0	$0	$0	$0	$0	$58,270,969	Debt Cash
4769:Northeast Area Regional Wastewater Master Plan	$10,906,700	$3,291,372	$5,530,000	$5,827,553	$7,699,000	$17,350,000	$7,625,000	$58,229,625	Debt Cash
5038:NWC/Anderson Mill Area Pressure Zone Imp.	$16,145,638	$454,105	$0	$0	$0	$0	$0	$16,599,743	Debt Cash
7265:Package WWTP	$1,532,908	$2,665,141	$1,175,000	$1,150,000	$6,925,000	$3,900,000	$31,850,000	$49,198,049	Debt Cash
5309:Polybutylene Service Replacements	$2,215,864	$0	$0	$0	$0	$236,598	$0	$2,452,462	Cash
2006:Pump Station Improvements	$10,604,253	$3,416,138	$3,119,489	$2,756,500	$3,314,800	$2,600,000	$30,649,999	$56,461,179	Debt Cash
5267:Reclaimed Distribution System	$37,915,781	$11,142,684	$9,180,000	$15,270,000	$2,395,000	$2,200,000	$37,370,000	$115,473,465	Debt Cash
2231:Replacement of Deteriorated Infrastructure	$93,743,629	$37,942,941	$34,101,612	$30,254,500	$32,824,000	$29,555,500	$320,022,500	$578,444,682	Debt Cash
2127:Reservoir Improvements	$6,817,604	$3,750,337	$6,185,000	$8,695,000	$8,426,656	$10,972,000	$78,750,000	$123,596,597	Debt Cash
4716:ROCIP (Rolling Owner Controlled Insurance Program)	$0	$59,408	$0	$0	$0	$0	$0	$59,408	Cash
3333:South Austin Regional Wastewater Treatment Plant	$6,117,709	$6,213,877	$26,050,000	$16,475,000	$39,200,000	$13,025,000	$370,355,000	$477,436,586	Debt Cash
6937:South I.H. 35 Water and Wastewater Infrastructure Improvements Program	$78,715,694	($16,873)	$0	$0	$1,000,000	$0	$9,000,000	$88,698,821	Other Debt Cash
2981:Subdivision Engineering & Inspection	$23,691,950	$1,274,000	$1,274,000	$1,274,000	$1,274,000	$1,274,000	$10,082,290	$40,144,240	Other Debt

2013-2014 CIP Funded Appropriation Request Summary

Austin Water Utility

									Cash
4800:System Improvements to Meet Minimum Standards	$9,400,645	$1,500,000	$950,000	$1,150,000	$4,350,000	$0	$7,499,999	$24,850,644	Debt Cash
8702:Treatment Plants Improvements	$2,126,643	$1,145,848	$925,000	$0	$0	$0	$0	$4,197,491	Debt
5335:Ullrich Water Treatment Plant	$3,422,492	$4,207,865	$2,840,000	$3,860,000	$7,274,100	$15,040,700	$29,547,550	$66,192,707	Debt Cash
6659:Utility Management Studies	$2,544,941	$50,000	$500,000	$500,000	$0	$0	$0	$3,594,941	Cash
4798:Valve Replacement & Vault Installation	$1,381,571	$0	$0	$0	$0	$0	$0	$1,381,571	Debt
7467:Walnut Creek Basin	$1,569,200	$0	$0	$0	$0	$0	$0	$1,569,200	Cash
3023:Walnut Creek Wastewater Treatment Plant	$43,275,243	$7,195,404	$15,700,000	$15,105,000	$18,700,000	$12,305,000	$324,165,000	$436,445,647	Debt Cash
6943:Wastewater Collection System	$1,250,792	$2,264,158	$22,735,000	$2,020,000	$1,340,000	$2,000,000	$168,945,000	$200,554,950	Debt Cash
3163:Wastewater House Connections	$3,745,569	$571,034	$300,000	$300,000	$300,000	$300,000	$2,100,000	$7,616,603	Other Debt Cash
6935:Water Distribution System	$119,802,715	$8,643,076	$7,029,000	$7,680,000	$2,300,000	$2,370,000	$166,850,000	$314,674,791	Debt Cash
6939:Water Distribution System Improvements	$0	$0	$1,300,000	$300,000	$0	$0	$0	$1,600,000	Cash
2982:Water Services & Meters	$10,631,474	$348,034	$300,000	$300,000	$300,000	$300,000	$2,100,000	$14,279,508	Other Debt Cash

2013-2014 CIP Funded Appropriation Request Summary

Austin Water Utility

6683:Water Treatment Plant #4	$396,028,559	$0	$0	$0	$0	$0	$0	$396,028,559	Debt Cash
2056:WDCS/SCADA	$369,680	$20,246	$510,000	$960,000	$3,380,000	$6,315,000	$3,765,000	$15,319,926	Cash
448:Williamson Creek Interceptor	$1,782,469	$0	$0	$0	$0	$0	$40,000,000	$41,782,469	Other
3156: WWW Systems Performance Studies	$716,034	$0	$0	$0	$0	$0	$0	$716,034	Cash
Total	**$1,320,898,369**	**$145,782,196**	**$201,360,292**	**$159,255,679**	**$172,870,297**	**$140,726,798**	**$1,937,846,052**	**$4,078,739,683**	

Aviation Department

Aviation Department

Department Overview

The Aviation Department's mission and vision are:

We deliver an Austin-style service experience while providing our community global access.

For nearly nine years, the Aviation Department has been applying a balanced scorecard approach in terms of the strategic planning efforts, focusing on social, environmental and economic targets. Recently, the Department transitioned into a sustainability model to ensure the long-term success for the business and the community.

The Department's sustainability model encompasses four focus areas: customer and community value, economic sustainability, operational excellence and environmental stewardship. All strategic goals, objectives, and action plans are driven by these focus areas and are assigned key performance indicators.

We will produce industry-leading results in each of the focus areas for a sustainable future.

The Department's Business Plan is laid out in the "2013 Focus and Execution Plan for a Sustainable Future."

The Capital Improvements Program (CIP) plan complements Imagine Austin and the Department's mission and vision by ensuring that campus facilities are improved, repaired, and expanded to achieve an exceptional level of safety, security and efficiency in cost-effective and socially responsible ways.

After experiencing a decline in the number of flying passengers in Calendar Year 2009, Austin-Bergstrom International Airport (ABIA) has seen positive passenger growth levels every year since, with Calendar Year 2012 ending on a 4% passenger growth. The Department is cautiously optimistic that there will be positive passenger growth in Calendar Year 2013 and Fiscal Year 2013-14, given the strength of the Austin economy and the impact that the Circuit of the Americas racetrack and associated events will have on passenger levels.

The ABIA terminal building is nearing its original design capacity, particularly at the passenger security checkpoints. To meet the capacity challenges, the Department has added operational space to accommodate emerging business requirements and enhance functionality. Accordingly, some of the initiatives implemented include: the addition of a temporary, fourth security checkpoint in the east ticket lobby to process peak passenger activity; the commencement of the East Infill Project design phase; the expansion of the Federal Inspection Services area to handle the increasing influx of international passengers; other subtle airport enhancements.

The Department expects significant federal budget cuts in the near future due to the impact of the national debt on Federal programs. Therefore, we expect continued intense competition for federal Airport Improvement Program (AIP) discretionary funds, which will likely result in fewer funds received from the program in the coming fiscal years. The federal grant system for construction assistance funding appears less reliable in the current political atmosphere, which may delay implementation of our Federal Aviation Administration (FAA) grant-eligible projects. The department is evaluating bank loan proposals to fund some Capital projects. Capital improvements planned in the FY 2013-14 CIP will be funded with bank loan proceeds, if executed, airport capital, and federal grant funds. The department is also considering a bond issue in FY 2013-14 or 2014-15.

The primary challenge for the Aviation Department is implementing an improvements program that responds to an airline industry suffering from unpredictable economic conditions but remains affordable. Airline mergers and alliances continue to drive decisions by most airlines on airport route development and their need for additional airport infrastructure. The Airport remains flexible in its approach to fund and deliver projects to meet its operational needs.

<u>Policies, Plans, and Initiatives that affect the CIP</u>

The Department is subject to FAA regulations and policies. As a recipient of federal funding, ABIA is subject to FAA Grant Assurances.

The Airport Master Plan (completed in FY 2002-03) contains existing facilities inventory, forecasts, facility requirements, development alternatives, environmental evaluation, implementation plan and schedule, and guides the long-term (20-year) development of the Airport.

The ABIA Phasing Plan (completed in FY 2006-07) addresses the CIP, programming of facilities and cost estimates to expand the Airport to meet the requirements for the next 5 to 10 years.

Department CIP Categories

Airside projects occur inside the Air Operations Area (AOA) Fence. They can include items such as pavement additions or reapair; improvements to drainage infrastructure; improving firefighting capabilities, or increasing airfield capacity, etc.

Landside/Utilities projects include roadway improvements, repair or installation of utilities, fencing improvement and repair, or improvement and modification of buildings that are located on the Landside.

Terminal projects occur inside, on or in close proximity to the Terminal Building. Items can include modifying the interior to improve traffic flow, expanding the terminal, building services upgrades, baggage system enhancements, etc.

Information Technology (IT) projects can involve improvements, upgrades, enhancements, replacement or expansion to campus data and telecommunications network infrastructure, campus and building cable plant, miscellaneous hardware and software, and operations systems; also included are analysis, design, planning and implementation of new systems.

Miscellaneous projects can be anything from environmental improvements, master planning items, noise mitigation, or any other project that cannot be otherwise classified.

Capital Equipment and Vehicle category provides for vehicles, equipment, upgrades and replacements necessary for airport operations.

Prior Year Accomplishments

Campus Signage Improvements (Landside) Design is complete and construction has commenced on a campus-wide replacement of all exterior signage. The improvements will provide unified branding for the Airport, 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.

Exterior signage and Terminal Directory

Consolidated Rental Car Facility (Landside) Design for the Consolidated Rental Car Facility (CONRAC), to be completed through a public-private partnership, has commenced. The CONRAC will be built on the Eastern half of Lot A and will include rental car facilities and replacement parking for what will be lost in Lot A. Art in Public Places (AIPP) is a key enhancement and Acconci Studio has been selected. Construction will commence Spring 2013.

CONRAC Rendering

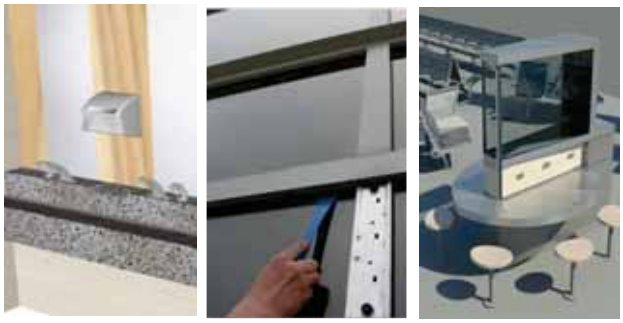
Terminal East Infill (Terminal) The Infill project will provide a multi-level addition to the East end of the Terminal, including new checkpoint facilities, baggage handling, support facilities, loading dock, and shell space. Design phase started in December 2012, with construction commencing in the Fall of 2013. The

Aviation Department is pursuing FAA funding to augment the budget.

Presidential Boulevard Roadway Safety and Security Improvements (Landside) Design is complete and construction has commenced on a new access road from Presidential Boulevard to Spirit of Texas Drive, a temporary cell phone lot (to allow for construction of the final cell phone lot in conjunction with a private development agreement), and the replacement of planters at the Terminal with "bollard" type structures to provide for hostile vehicle mitigation. FAA funding has been awarded to augment the budget.

Plan View of New Access Road from Presidential Blvd to Spirit of Texas Drive

Terminal Improvements (Terminal) Design is complete and has been bid for Terminal improvements, including: house-keeping issues, renovation of restrooms, bridge spalling, inbound bag handling, refurbishment of passenger boarding bridges, water infiltration repairs, multi-use flight information display housings, air infiltration and test/balance, and passenger hold room furniture/business centers/electrical. Construction commenced in January 2013.



Restroom, Water Infiltration Areas, and Business Center

FY 2013-14 CIP Work Plan

The chart below shows the various new projects that Aviation will be requesting appropriation for in FY 2013-14. The estimated costs shown in the chart reflect total project costs and actual spending will actually take place over several years.

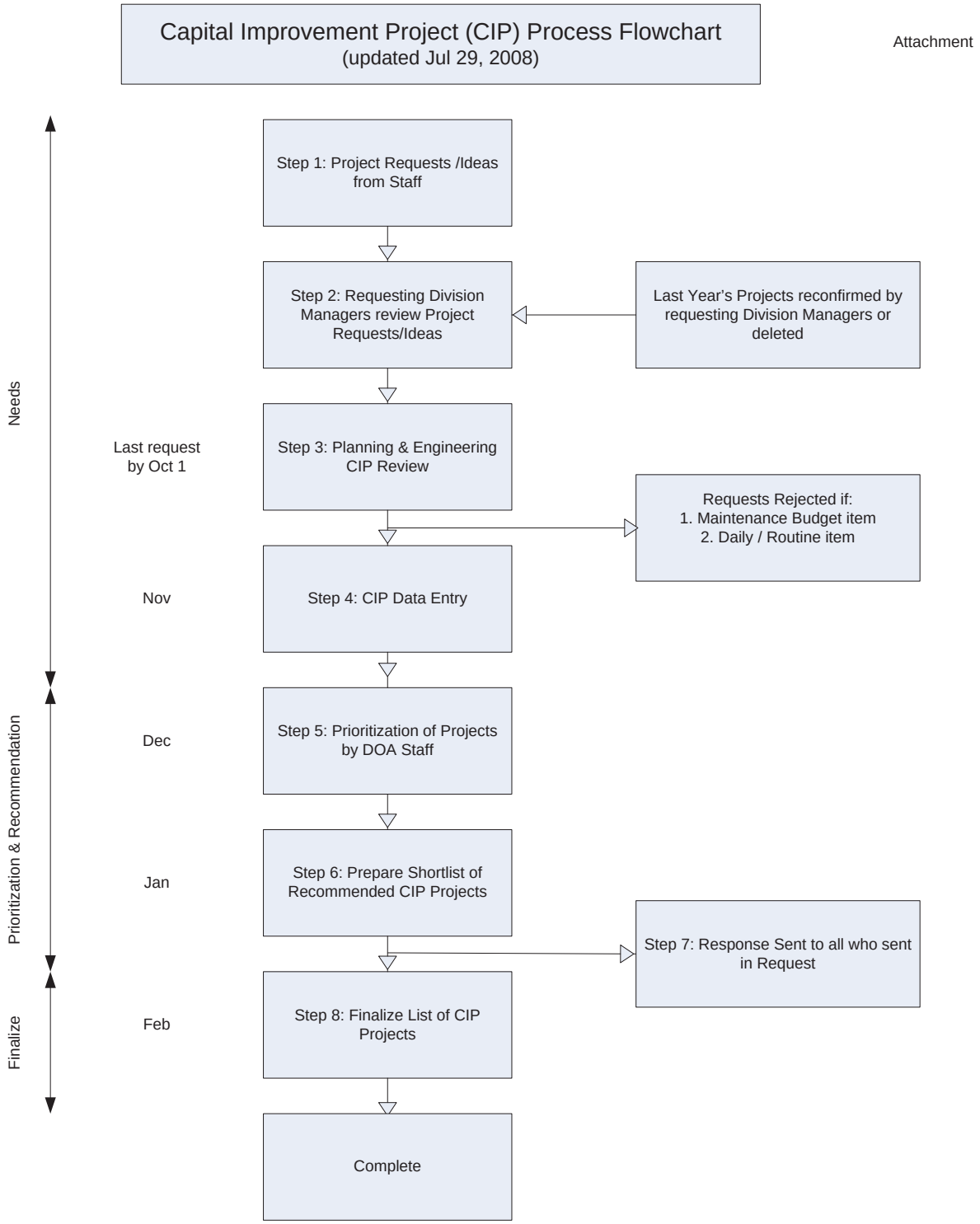
	Project	Estimated Cost	Description
	Airside Improvements	**$8,350,000**	
1	Taxiway Alpha North Construction	$6,000,000	Construction phase to complete Taxiway Alpha north extension.
2	Taxiway Alpha South Completion - Design	$1,000,000	Design phase to complete Taxiway Alpha south extension.
3	East Taxiway System Shoulder Modification - Design	$1,000,000	Design phase to bring east taxiway system into FAA design standards. Requires widening of shoulders.
4	De-Icing Pond Improvements - Construction	$350,000	Several years ago the DOA negotiated new discharge procedures with Austin Water Utility that improves overall operations of ABIA's aircraft de-icing pond operations. The new procedure requires us to install smaller discharge pumps with flow controls and upgrade meter equipment.
	Landside Improvements	**$3,800,000**	
5	Demolish Bldgs. 8155, 8160,8165, and fence	$200,000	Demolish remnant Air Force-era buildings and fence line to accommodate, without restriction, very large aircraft (ADG VI) for diversion and special events support activities.
6	Connectivity Pedestrian Path (Segment 1)	$400,000	Design and construction of a pedestrian pathway to provide connectivity access to and from the main terminal building and the Hilton Hotel.
7	Helicopter Pad Site (site TBD)	$200,000	Develop on-airport helicopter pad with multiple parking spaces for temporary use during special events and peak helicopter activity periods.
8	Bldg 8220 Maintenance Complex Renovations	$2,000,000	Renovate interior amenities to provide efficient floor plan and workspaces for multi-discipline work environment. Also upgrade mechanical systems to provide greater energy efficiency.
9	Bldg 7350 Parking Ops Bldgs. Mechanical System Improvements	$1,000,000	Upgrade end of useful life mechanical systems to improve energy efficiency and occupant comfort levels.
	Terminal Improvements	**$46,650,000**	
10	Terminal East Infill – Construction	$45,000,000	Terminal East Infill construction will add approximately 50,000 s.f. of additional passenger security screening, concessions support, inline baggage, and retail space to the main terminal building.
11	Potable Water System (Study)	$300,000	Study to develop recommendations to resolve reliability issues related to the potable water pressure within the main terminal building.

12	HVAC Balancing	$700,000	Implement the findings from the testing phase of this project. Balancing of the HVAC system will address building envelope issues that alter the operations of the HVAC system. This will lead to more efficient HVAC system operation.
13	Food Court Improvements	$400,000	Terminal food court furnishings need replacement due to normal wear and tear over 14 years of service.
14	Wet Pipe Fire Protection System (Study)	$250,000	Initial terminal sprinkler system study scope did not include the wet pipe system due to budgetary and time constraints. This study will assess the condition of the system and make recommendations for improvements.
	Miscellaneous and IT	**$3,635,000**	
15	Campus Wireless Network Improvements	$1,400,000	Extend and enhance airfield wireless access points, extend wireless network to ABIA terminal curbside, and enhance terminal-wide wireless network.
16	Alternative Emergency Security Operations Center	$500,000	Create and equip fully functional alternative SOC at the Aircraft Rescue and Fire Fighting (ARFF) station to act as a backup in case of system failure at the main SOC.
17	Building Bidirectional Amplifiers	$250,000	Upgrade and replace existing end-of-live BDAs for ground communications signals and public safety frequencies.
18	Upgrade Motorola XTS Series Radios and APX Series	$60,000	Upgrade and replace radios for Airline Maintenance group and OpSec.
19	Voice Over IP Phone Analysis	$150,000	Perform analysis of existing conditions and market, and recommend a cost effective VoIP solution for DOA.
20	Airlines Operations CCTV	$275,000	Expansion of existing Airline Operations CCTV equipment, server replacements and infrastructure.
21	LAN Network Tech Replacements	$575,000	Replace equipment that has reached end of support and LAN network expansion and replacements.
22	Enterprise Hardware	$425,000	Replace enterprise hardware devices.
	Capital Equipment and Vehicles	**$1,593,876**	
23	Shuttles	$480,000	Replacement of shuttles.
24	Mechanic Shop Capital	$873,876	Vehicles and equipment replacement for DOA fleet.
25	Building Maintenance Capital	$181,000	Equipment for Building Maintenance Division.
26	Airlines Maintenance Capital	$24,000	Equipment for Airlines Maintenance Division.
27	Facility Services Capital	$35,000	Equipment for Facility Services Division.

There are no direct linkages with other departments for the proposed FY 2013-14 projects.

Project Selection and Prioritization Process

The following diagram shows the Department's method of project selection and prioritization.



Department staff has developed a set of project priority categories to use as a guide in determining what projects to include in the CIP. These priorities are very important, especially for those projects identified in the first year of the CIP plan. These priority categories, with a brief explanation, are listed below.

Urgent Need - Safety Related and Committed (P1)
The City has made a commitment to complete these projects. Some projects are new while others are phases of a larger project that are still continuing. This category also includes items related to issues of safety. These are projects that staff feels are required to correct a deficiency and improve continuing safety at ABIA. The category also includes projects that management has deemed important and are included in the Department's Goals and Targets.

Urgent Need - Essential Major Repairs (P2)
This category is for projects that cannot be completed by Aviation maintenance staff, but are "essential" for reasons of economics or continued airport operations. If projects in this category are not completed, infrastructure will deteriorate, leading to higher replacement/repair costs, safety problems, or insurance claims.

Policy & Planning Priority - Regulatory Requirements (P3)
This category includes projects that are necessitated by regulatory control over the City's actions, such as Federal Aviation Regulations and local, state and federal laws.

Policy & Planning Priority - Environmental and Noise Mitigation/Abatement (P4)
These projects address various environmental issues such as storm water management, waste management, and noise mitigation programs.

Business Priority - Preventative Maintenance (P5)
These are rehabilitation projects oriented toward the constant changes occurring at ABIA, the need to continuously upgrade older pavements to meet the loading they receive today, and to avoid larger, disruptive projects in future years.

Business Priority - Customer Service/Tenant and Operational Improvements (P6)
These projects, as the name implies, are oriented toward improved customer service and/or convenience and improved operational aspects of the airport, whether applicable to aircraft, tenants and Aviation Department.

Imagine Austin

The Austin-Bergstrom International Airport Capital Improvement Program (CIP) complements the Imagine Austin Comprehensive Plan by ensuring that adequate facilities and infrastructure are planned, constructed, and maintained in order to meet the demand of the passengers which use the Airport. The CIP is the vehicle which allows the airport to responsibly plan, develop, and finance exceptional terminal, airside, and landside facilities which continue to provide high-quality, "Austin-style" facilities and customer service which help it achieve international notoriety. The Airport works closely with the Federal Aviation Administration (FAA) to coordinate grant opportunities to implement the planned developments as specified in the CIP. The use of FAA grant dollars, together with airport capital reserves, bonds, and Passenger Facility Charge revenues contribute to building the necessary infrastructure to facilitate efficient transportation of passengers, goods, and services at the Airport, throughout the City of Austin, and the surrounding communities.

The following are examples of how ABIA complements and implements the priorities of the Imagine Austin Plan.

Invest in a compact and connected Austin
"One of the most important measures of compacted urban connected city will be the extent to which cities and their citizens are connected with other cities. More specifically, the compacted city cores and urban areas will be shaped by access to air trade transport." (*de Botton, 2009, p.5)*. The Aviation Department's core mission is to attract new airline service and new routes; and be an economic transportation asset for the City of Austin and the 10 county air-trade areas.

The Airport in its CIP for FY 2013-14 will begin to design and construct additional pedestrian paths to connect

the main terminal to some of its outlying parking lots and hotel. This new path will enable passengers, tenants, and employees to choose to walk instead of ride a shuttle bus or car and provide a safe connection of campus destinations to walk or jog to for employees, cell phone lot users and hotel guests.

ABIA will also investigate adding bicycle lanes to its existing roadway system to permit the two-wheeled option for its tenants and employees that wish to utilize their bicycles while commuting to and from work.

Sustainably manage our water resources

In a cooperative effort with the City of Austin's Water Utility, the Department of Aviation installed a reclaimed water line, called the Purple Pipe Project, which helps to save the City the use of 25 million gallons of potable water per year. Additionally, the Airport has traditionally planted native trees, shrubs, and grasses to help cut down on the need for watering.

The Airport recently completed a Drainage Master Plan which scientifically analyzed its water quantity and quality and recommended best practices for protecting the environment. In a cooperative effort with the Watershed Protection, Planning and Development Review, Public Works, and Law Departments, and the approval of City Council, the Airport now has an ordinance in place that will help guide its development and permitting, and make use of best practices on a campus-wide basis.

Use green infrastructure to protect environmentally sensitive areas and integrate nature into the city

The airport is more than just runways, taxiways, and aprons. It also has miles of vegetative filter strips, storm water treatment structures, rain water harvesting, and Texas-native landscaping. This green infrastructure, working together helps to reduce the Airport's impact on the natural environment.

In addition to advancing these priority programs of Imagine Austin, the Department has undertaken various sustainability Initiatives. For example, the terminal and many of the out buildings utilize low-flow water devices to help reduce water usage.

The Airport also participates in the City's Green Energy program for all its electrical needs. This has resulted in a 100% reduction to the Barbara Jordan Terminal's Scope 2 carbon emissions.

As a means to reduce vehicle air emissions in the Central Texas area, the Airport has installed publically available Compressed Natural Gas facilities. This alternative energy fuel helps to reduce ozone depleting gases and smog for cleaner air.

CIP Funding Sources

The airport is an enterprise operation. All funds remaining after covering airport operating expenses must be transferred into a capital improvement fund. The money that is available for improvements can vary from year to year. Projects that are eligible for Airport Improvement Program (AIP) Funds can be delayed until FAA money becomes available depending on how much Congress authorizes for the AIP. Airport Passenger Facility Charges (PFCs) are designated for FAA-approved PFC projects. ABIA PFC monies currently pay for debt service on bonds issued to pay for the original airport construction.

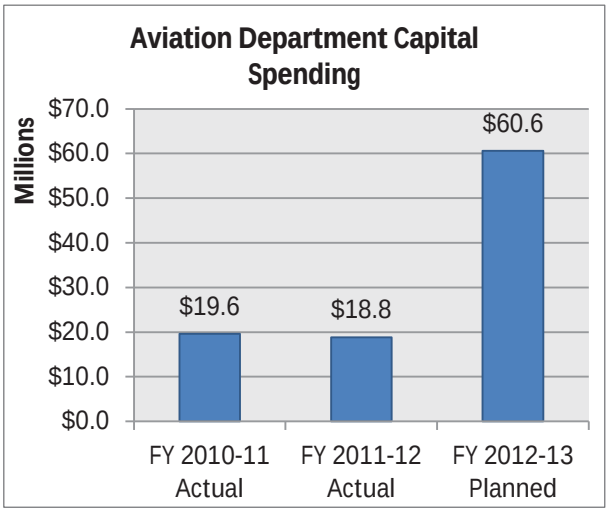
A transfer from the operating budget is made at the end of each year after debt service requirements are met. Operating costs for the CIP are covered by the Aviation Department budget. Federal grants are used for FAA-approved projects. Certain criteria must be met when an application for a project is submitted to the FAA. Sometimes a project might qualify for a State grant, which is similar to a federal grant.

Projects that drove FY 2009-10 spending included the Noise Mitigation Program, Remain Overnight (RON) Apron Phase 1, and the Security System Upgrade project.

Projects that drove FY 2010-11 spending include Remain Overnight (RON) Apron Phase 1, and Airfield PCC Joint Sealant Rehabilitation.

Projects that drove FY 2011-12 spending include Remain Overnight Apron Phase 2, new Ground Transportation Staging Facility, landside way finding signage and terminal checkpoint improvements.

Projects driving FY 2012-13 spending include Campus Signage Improvements, Consolidated Rental Car (CONRAC) design, Presidential Boulevard Roadway Safety and Security Improvements, Terminal East Infill Design, various terminal improvement projects, and the Drainage Master Plan.



2013-2014 CIP Spending Plan Summary

Aviation Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
7860:ABIA Airside - Future	$0	$4,325,000	$10,035,000	$12,964,000	$5,065,000	$2,750,000	$435,000	$35,574,000
6000:ABIA Airside Improvements	$23,372,565	$2,040,266	$861,980	$2,111,435	$0	$0	$0	$28,386,246
7861:ABIA Landside - Future	$0	$1,885,000	$3,169,000	$7,946,000	$3,275,000	$2,725,000	$0	$19,000,000
6001:ABIA Landside Facility Improvements	$26,131,537	$15,749,333	$6,397,752	$4,398,448	$0	$0	$0	$52,677,070
5696:ABIA Noise Mitigation	$55,158,158	$231,250	$0	$143,661	$436,058	$0	$8,311,979	$64,281,106
7862:ABIA Other - Future	$0	$3,635,000	$3,000,000	$3,000,000	$1,000,000	$1,000,000	$0	$11,635,000
6501:ABIA Other Improvements	$1,976,018	$1,200,000	$6,000	$317,982	$0	$0	$0	$3,500,000
5702:ABIA Stormwater / Environmental	$1,152,540	$1,600,000	$650,000	$747,460	$0	$0	$0	$4,150,000
7719:ABIA Terminal - Future	$0	$3,250,000	$33,092,000	$13,578,000	$2,101,668	$843,333	$884,999	$53,750,000
5415:ABIA Terminal Improvements	$14,310,261	$12,345,681	$3,967,598	$1,827,918	$0	$0	($61,983)	$32,389,475
9603:ABIA Vehicles and Equipment	$548,000	$0	$0	$0	$0	$0	$0	$548,000
9604:ABIA Vehicles and Equipment -	$0	$1,593,876	$3,510,000	$3,450,000	$1,700,000	$1,500,000	$0	$11,753,876
Total	**$122,649,078**	**$47,855,406**	**$64,689,330**	**$50,484,904**	**$13,577,726**	**$8,818,333**	**$9,569,995**	**$317,644,772**

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Aviation

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
7860:ABIA Airside - Future	$0	$8,350,000	$12,000,000	$11,224,000	$3,000,000	$1,000,000	$0	$35,574,000	New Grants Cash
6000:ABIA Airside Improvements	$28,386,246	$0	$0	$0	$0	$0	$0	$28,386,246	Grants Cash
7861:ABIA Landside - Future	$0	$3,800,000	$4,000,000	$9,200,000	$1,000,000	$1,000,000	$0	$19,000,000	New Cash
6001:ABIA Landside Facility	$52,677,072	$0	$0	$0	$0	$0	$0	$52,677,072	Grants Cash
5696:ABIA Noise Mitigation	$64,281,111	$0	$0	$0	$0	$0	$0	$64,281,111	Grants Cash
7862:ABIA Other - Future	$0	$3,635,000	$3,000,000	$3,000,000	$1,000,000	$1,000,000	$0	$11,635,000	New Cash
6501:ABIA Other Improvements	$3,500,000	$0	$0	$0	$0	$0	$0	$3,500,000	Grants Cash
5702:ABIA Stormwater / Environmental	$4,150,000	$0	$0	$0	$0	$0	$0	$4,150,000	Cash
7719:ABIA Terminal - Future	$0	$46,650,000	$3,100,000	$2,000,000	$1,000,000	$1,000,000	$0	$53,750,000	New Grants Cash
5415:ABIA Terminal Improvements	$32,620,268	$0	$0	$0	$0	$0	($230,792)	$32,389,476	Grants Cash
9603:ABIA Vehicles and Equipment	$548,000	$0	$0	$0	$0	$0	$0	$548,000	Cash
9604:ABIA Vehicles and Equipment - Future	$0	$1,593,876	$3,510,000	$3,450,000	$1,700,000	$1,500,000	$0	$11,753,876	Cash
Total	**$186,162,697**	**$64,028,876**	**$25,610,000**	**$28,874,000**	**$7,700,000**	**$5,500,000**	**($230,792)**	**$317,644,781**	

Watershed Protection Department

Watershed Protection Department

Department Overview

The mission of the Watershed Protection Department (WPD) is to protect lives, property and the environment. This mission directly relates to WPD's Capital Improvements Program (CIP) plan to fund solutions for the worst problem areas for the flood, erosion and water quality missions of the Department. The Department's Business Plan emphasizes the need to upgrade the City's aging drainage infrastructure, which relates directly to the capital spending proposal for stormdrain system upgrades, erosion stream bank stabilization, and creek drainage system upgrades. The Watershed Protection Department Master Plan, approved by City Council in 2001, is the guiding document for WPD.

The project categories listed below relate to the various watershed mission areas and serve as the WPD CIP structure:

1. **Localized Drainage** – Localized storm drain improvements
2. **Flood Control** – To protect lives and property by reducing the impact of flood events
3. **Erosion Control** – To prevent property damage resulting from erosion and protect channel integrity
4. **Water Quality** – To prevent, detect, evaluate and reduce water pollution in order to protect water quality and aquatic life in Austin's creeks, lakes and aquifers
5. **Master Planning** – Those projects that affect more than one mission area and require an integrated solution
6. **Database/Geographic Integration System** – Focuses on the use of database and GIS projects that support multiple or all missions

Prior Year Accomplishments

The Watershed Protection Department has had a number of successes in its CIP program. Below are highlights from each project category for FY 2011-12 as well as some expected milestones for FY 2012-13:

Localized Drainage

- Entered into two public-private partnerships:
  For the *South Shore Public Utility District (PUD) Storm Drain Improvements* project, WPD negotiated with the developer to improve a main line consisting of approximately 1,300 linear feet of reinforced concrete pipe. By dividing the construction phases among in-house Field Operations Division (FOD) crews and the developer, the City will save approximately $1.28 million compared to constructing these improvements as separate capital improvement projects. In addition, after construction, the storm drain main will be in compliance with the City's Drainage Criteria Manual requirements. Based on the Mission Integration Program, the project also integrated a water quality feature between the outfall of the line and Lady Bird Lake. The project was expedited since it was a public-private partnership and was substantially completed in December 2012, considerably faster than a typical CIP project timeline. The adjacent photo shows WPD staff surveying the elevation of the storm drain pipe being installed by WPD FOD employees.

At *46th Street and Airport Boulevard*, the City entered into a Community Facilities Agreement with the developer to relocate the existing 30-inch storm drain line in conjunction with a proposed development. The City agreed to pay an amount not to exceed $49,700, as compared to approximately $250,000 that it would have cost to design, permit and construct the upsized storm drain improvements as a separate CIP project. The developer completed the relocation in December 2012.

- Completed design, permitting, and construction phases for the *Ridgelea streambank stabilization project*, part of a larger storm drain improvement project. In coordination with the Austin Water Utility (AWU) and the Public Works Department (PWD), the project incorporated additional scope to upgrade most of the waterlines and roadways on the project. The storm drain improvement portion of the project is expected to go to construction in FY 2012-13.
- Began construction of the *Blarwood and Euclid/Wilson storm drain capital improvement projects*. The adjacent image shows the Cherry Creek streambank improvements on the Blarwood storm drain improvement project that will help mitigate existing erosion issues and creek flooding impacts that would have been caused by the new improved storm drain system in the neighborhood. The project is helping to alleviate localized flooding conditions for approximately 52 properties in the neighborhood.

- Continued to develop an improved *flood problem area prioritization method* and is currently evaluating flood problem areas with 2D modeling technology to identify the highest priorities for future CIP projects.
- Substantially completed the storm drain improvements of *East 4th Street/Pedernales, Allandale, Rosedale, and Long Bow storm drain capital improvement projects*.
- Negotiated preliminary engineering services for the *Bull Creek Charring Cross storm drain improvements* project, and worked with consultant in the evaluation of existing conditions and proposing alternatives for the improvements.

Flood Control

- Continued construction on the *Waller Creek Tunnel* project. The mile-long tunnel will capture and redirect flood waters south of 12th Street and safely carry them to an outlet lagoon on the shores of Lady Bird Lake. In doing so, the tunnel will take nearly 28 acres of downtown land out of the 100-year floodplain and create an environment suitable for redevelopment. The project will also include amenities such as a new public boathouse and stream bank restoration. By the end of FY 2011-12, the contractor had tunneled over 3,000 linear feet and begun construction on the inlet and outlet.
- Completed the upgrade of a *low water crossing on Hoeke Lane* near its intersection with Riverside Drive in the Carson Creek watershed through the replacement of three existing pipe culverts with sixteen box culverts. Hoeke Lane is the single point of access to a residential neighborhood and is used by AISD to transport students. A long length of this road overtopped even during minor storm events, and the low water crossing was one of the most frequently closed in Austin. After construction, the road is safely able to pass up to a 100-year design storm. In addition to the low water crossing upgrade, the project improved the Hoeke Lane roadway within the project limits and the low water crossing on the adjacent side street, Poston Road. It also addressed erosion in Carson Creek in the project vicinity and added a sidewalk for the residents of the area.

- Completed the *replacement of 200 feet of concrete channel* that runs between 1501 and 1503 Parkway Drive. The existing concrete bottom channel had failing mortared rock walls. Complaints had been received about the rapidly deteriorating channel since 2001. Also, the bank of Shoal Creek at the back of lot 1503 was failing and creekbank stabilization was installed.
- Completed the *buyout of 15 mobile home pads* from the Woodview Mobile Home Park. The buyout was partially funded by a FEMA grant.
- Completed *seven buyouts in the Onion Creek area*. This brings the total number of buyouts to 299 out of a total of 483 properties to be bought out in the project area. The buyouts are proceeding at a slower-than-expected pace due to the lack of federal funding for the project.
- Nearly completed the *design of the upgrade of the David Moore low water crossing*. Construction of this project was anticipated to begin in the summer of 2013; however, delays in land acquisition and road closure constraints due to AISD transportation needs have postponed construction until the summer of 2014.
- Began design of a *flood mitigation project for the Little Walnut Creek area* from Metric to Rutland. A potential bypass culvert is currently proposed.
- Completed design of the *Comburg dam modernization project*.
- Began the design of the *repair and upgrade of the Old Lampasas dam*, which was damaged by Tropical Storm Hermine.
- Completed *four Regional Stormwater Management Program (RSMP) participation projects*: Meridien/ Silverado, Platinum Onion Creek, 2401 Longview and Pond Springs Road.

Water Quality

In September 2011, WPD worked with Real Estate Services and the Austin Water Utility to acquire 611 acres of the Spillar Ranch along Bear Creek in Hays County to *add to the Water Quality Protection Lands*. The City contributed $11.5 million to the purchase from the last of the 2006 open space bond money ($11.1 million) and from the Barton Springs Redevelopment Ordinance ($400,000). The purchase of this property accomplished two major conservation objectives: to safeguard one of the region's most critical areas for water infiltration and to link together preservation lands in a contiguous block. This land was slated for a subdivision of 500 homes, which would have created 58.5 acres of impervious cover – the equivalent of 2.5 million square feet of home space. The tract contains an extensive number of caves, sinkholes and other environmentally sensitive resources that would have been negatively affected by development.

Stormwater Treatment Construction Projects completed: Rio Grande at 18th Street Rain Gardens (three) and Crestview Neighborhood Rain Gardens (three).

Rio Grande at 18th Street Rain Gardens (left) and Crestview Rain Garden

Erosion Control

Stream Restoration Design Projects Completed:

- Completed design of the Shoal Creek Peninsula Restoration and Boggy Creek Greenbelt Restoration Projects. Construction for both projects is underway.
- Completed designs for the following in-house stream restoration projects: Little Walnut Creek Tributary at Colony Creek, Blunn Creek at Pecan Grove Emergency Stabilization, Slaughter Creek Tributary at Baurle Ranch Grade Control, Waller Creek at Chesterfield Bank Stabilization, Waller Creek at Dean Keeton Bank Stabilization, South Lakeshore Culvert Outfall Stabilization, Fort Clark Channel Rehabilitation, Will Bend Heritage Tree Bank Stabilization, East Bouldin

Creek at Brinwood Bank Stabilization, Boggy Creek at E MLK Green Infrastructure Bank Protection, Boggy Creek at Walnut Stream Restoration.

- *Stream Restoration Construction Projects Completed*:

East Bouldin Creek at Wilson St Culvert Outfall Bank Stabilization (before and after)

Waller Creek at Dean Keeton Bank Stabilization (before and after)

Colorado River at Tillery Street Stormdrain Outfall Stabilization (before and after)

Fort Branch Eleanor Street Channel Rehabilitation (before and after)

Master Planning

Developed *detailed hydrologic and hydraulic modeling for five watersheds*, including Shoal Creek, Bull Creek, Carson Creek, Cottonmouth Creek, and Boggy Creek (including Tannehill Branch Creek and Fort Branch Creek). This effort was partially funded by a $1.1 million Mapping Activity Statement 5 Cooperating Technical Partner grant from FEMA.

Database/GIS

- Closed out a 4-year ($4.5M) contract with an external consultant for the *Drainage Infrastructure GIS (DIG) project* to collect field data on stormwater above-ground appurtenances, open channels and culverts. Approximately 113,000 assets were collected and 2,598 of 4,513 City-maintained manholes were inspected (58%).
- Completed the *FloodPro web GIS project* which will allow the public to do automatic floodplain determination and submit requests for floodplain models for automatic download. Application went live internally and will be released publicly in FY 2012-13.
- Participated in the completion and publication of the *biological resource GIS* which delineates biological resource buffers, grasslands, karst points and polygons, rock outcrops, springs and wetland areas.
- Developed and began employing methodology for storing within *GIS information from TV inspection of stormdrain systems*. In addition, TV Inspection Acquisition project successfully completed the purchase of a second TV inspection truck to increase in-house collection of data.

FY 2013-14 Work Plan

Water Quality

Stormwater Treatment Construction Projects:

Boggy Creek Greenbelt -Reach B8 Stream Restoration: Bond-funded project that will construct two stormwater ponds to treat street runoff from Nile Ave. in conjunction with Stream Restoration project (see Erosion Control).

Boggy Creek - Cherrywood Restoration: Bond-funded joint project with Austin Water Utility to remove exposed wastewater lines from Boggy Creek, reducing incidence of sewage spills and protecting integrity of pipelines.

Lakeshore PUD Wetpond: Complete construction and reimburse developer (via Urban Structural Control Fund) of Lakeshore PUD for constructing an oversized wet pond that treats stormwater from 162 acres of previously untreated watershed, over and above what would have been required under Land Development Code rules.

Rio Grande at 8th Street Rain Gardens: Construction of up to four rain gardens to treat roadway runoff in conjunction with traffic calming efforts by Public Works on Bicycle Boulevard.

Williamson Creek Tributary 2 - Spring Meadow Road/Lark Drive Stream Rehab: Begin construction of a biofiltration pond to remove pollution from 82 acres of previously untreated suburban watershed, in conjunction with stream stabilization project (see Erosion Control).

Barton Springs Pool: Continue project to decrease runoff from the disc golf course to prevent future erosion and stormwater pollution.

Open Space Acquisition:
Austin voters approved a $30 million bond proposition in November 2012 to preserve open space in perpetuity in the Barton Springs Zone for water quality protection. Watershed Protection will coordinate with Real Estate Services, the Austin Water Utility, and regional partners to evaluate and recommend properties to protect either through fee simple acquisition or conservation easement.

Erosion Control
Stream Restoration Construction Projects:
Fort Branch Creek Reach 6&7 Channel Rehabilitation - Truelight And Eleanor: Achieve substantial completion of Bond-funded project to stabilize 1600 feet of eroding streambank, replace a flood-prone bridge and improve the local storm drain system.

Boggy Creek Greenbelt -Reach B8 Stream Restoration: Achieve substantial completion of Bond-funded project to stabilize 3000 feet of eroding parkland, remove abandoned wastewater lines and install 2 stormwater treatment facilities (see Water Quality).

Williamson Creek Tributary 2 - Spring Meadow Road/Lark Drive Stream Rehab: Begin Construction of project that will stabilize 3000 feet of eroding stream channel that threatens backyards, fences and trees and will create a biofiltration pond that removes pollution from 82 acres of suburban watershed (see Water Quality).

Lower Shoal Creek 5th To Lady Bird Lake Stream Restoration: Complete construction of project to stabilize erosion along the Shoal Creek Hike and Bike Trail as well as to establish the Peninsula as a Lower Shoal Creek Destination Point per the Seaholm Redevelopment District Master Plan.

Green Infrastructure:
Impact of Decentralized Green Stormwater Controls: This project is an evaluation of the potential stormwater benefits of installing decentralized green stormwater infrastructure in the Brentwood Neighborhood. Decentralized green stormwater infrastructure includes porous pavement, rain gardens, green roofs and rain cisterns. The goal is to use advanced computer simulations to determine whether or not decentralized controls can cost effectively reduce stormwater runoff to solve neighborhood flooding problems. More traditional approaches have been estimated to cost over $120 million, which is not cost effective for WPD.

By the end of FY 2012-13, the model will be built and staff will begin testing various levels of green infrastructure installation for their flood reduction benefits.

Flood Control
Old Lampasas Dam: The Old Lampasas Dam Project will provide an alternative analysis to determine whether Old Lampasas Dam should be repaired or removed following the damage it incurred during the Hermine storm event, as well as final engineering and construction for the option selected. The project will provide emergency repair, extended water quality detention and protection for approximately 40 structures.

Waller Creek Tunnel: See project description in previous section (Prior Year Accomplishments). The project is scheduled for completion in 2014.

Waller Creek Redevelopment: Continued construction and enhancement activities related to the trail and pedestrian facilities at the Waller Creek Tunnel Project. A portion of the project funds are supporting the evaluation of the current Waller Creek Tunnel construction plans to identify opportunities to save time and money by ensuring that current tunnel construction

facilitates or minimizes conflicts with future park improvements envisioned by the Waller Creek Conservancy design concept.

Little Walnut Creek Flood Hazard Reduction – Metric to Rutland: The Little Walnut Creek Flood Hazard Reduction Project includes a creek bypass system under Mearns Meadow Blvd. and an upgrade to culverts at Quail Valley, which will protect approximately 60 structures from flooding and improve the capacity and safety of roadway crossings over Little Walnut Creek.

Onion Creek Flood Hazard Mitigation: The Onion Creek Flood Hazard Mitigation Project will facilitate the buyout of 483 properties located in the Onion Creek floodplain; to date, 299 properties have been acquired. When all properties have been acquired, the ecosystem will be restored and a park will be constructed.

Old San Antonio Road Low Water Crossing Upgrade: This Old San Antonio Road Low Water Crossing Upgrade will reconstruct the low water crossing at Old San Antonio road to reduce road closures. Old San Antonio Road was ranked in the Top 10 flooded roadways in the 2010 Creek Flood master plan and is regularly closed during even small storm events.

Flood Early Warning System (FEWS) Rain and Stream Gauge Database Improvements and FEWS and Water Quality Protection (also known as Environmental Resource Management, or ERM) Public Internet Site Development: The FEWS Rain and Stream Gauge Database Improvements Project will provide improvements to the rain and stream level database, including data transfer to the FEWS and ERM public internet site. The FEWS and ERM Public Internet Site Development Project will allow the public to access the hydrologic and environmental data collected by the Watershed Protection Department.

FEWS Telemetry and Supervisory Control and Data Acquisition (SCADA) Improvements Study: The FEWS Telemetry and SCADA Improvements Study will provide a 10-year plan for the improvement of the FEWS radio telemetry system and SCADA. This project will ensure timely upgrades of the almost 200 radios utilized by FEWS to communicate vital public safety information.

Localized Drainage

Charing Cross Storm Drain Improvement (SDI) Project: The Charing Cross Storm Drain Improvement Project will correct a severe localized flooding issue revealed during Tropical Storm Hermine, when citizens reported over three feet of flooding in structures located on Charing Cross. Phase I of this project will mitigate localized flooding for five structures; Phase II will address flooding in other areas of the neighborhood.

Ridgelea SDI Project: The Ridgelea Storm Drain Improvement Project will mitigate flooding for approximately 10 properties via storm drain improvements. This project is listed as a very high priority in the Watershed Protection Department's master plan.

Meredith St. SDI Project: The Meredith Street Storm Drain Improvement Project will mitigate localized flooding for approximately six properties via storm drain system improvements. This project was listed as a very high priority in the Watershed Protection Department's master plan.

Oak Knoll Drainage Improvements: The Oak Knoll Drainage Improvements Project will mitigate localized flooding for approximately 10 properties and two roadways via drainage infrastructure upgrades. The Oak Knoll area has experienced flooding on multiple occasions.

West Cow Path and Whispering Valley Drainage Improvements: The West Cow Path and Whispering Valley Drainage Improvements Project consists of a creek crossing upgrade that will remove seven properties from the 100-year floodplain and five properties from the 25-year floodplain, and a storm drain installation that will mitigate localized flooding for approximately 13 properties.

Master Planning

Master Plan Floodplain Study and Mapping: The Master Plan Floodplain Study and Mapping Project will provide updates to the hydraulic and hydrologic modeling and floodplain mapping for watershed within the City's jurisdiction, which are essential for effective floodplain management. This project has been partially funded through a large FEMA grant.

Project Selection and Prioritization Process

Through development of the annual CIP plan, WPD implements a capital appropriation process which ensures that all CIP projects funded by the Drainage Utility Fund, the Urban Structural Control Fund, and the Regional Stormwater Management Fund undergo a review process by an intradepartmental cross mission team to identify, prioritize and develop responsible funding initiatives for CIP projects to address water quality, channel stability and stormwater conveyance needs. The process also includes preparation of annual and long range appropriation plans that reflect individual watershed mission priorities and ensure opportunities for mission integration. Technical reviews are completed for CIP project submittals to identify the best solutions for watershed improvements that do not create adverse impacts to any WPD missions, and that maximize opportunities to address multiple mission needs.

See WPD CIP FY 2013-14 Process Flow Chart at the end of this narrative for a detailed process description.

Imagine Austin

In addition to supporting the mission of WPD, its CIP plan also helps to implement the priority programs of the Imagine Austin Comprehensive Plan. Imagine Austin calls for **sustainable management of water resources**, stating that: "Protecting our streams and floodplains helps maintain Austin's natural beauty while promoting public health and safety, improving water quality, and preserving habitat for native species, including threatened and endangered species." All WPD projects work directly or indirectly to achieve this goal. Notable examples include streambank restoration projects (e.g., along lower Waller and Shoal Creeks); water quality projects (e.g., Little Bear recharge enhancement, Eliza Springs repair); and flood control projects (e.g., hazard reduction on Little Walnut Creek).

Imagine Austin also calls for "**the use of green infrastructure to protect environmentally sensitive areas and integrate nature into the city**." This key priority program is reflected in numerous WPD projects. Notable examples include water quality pond retrofits (e.g., pond construction on Upper Barton Creek); riparian restoration (referenced above) and invasive species management; and floodplain protection (e.g., Onion Creek hazard mitigation and restoration). By upgrading undersized infrastructure and thus facilitating denser development, local flood projects (e.g., Central Business District storm drain enhancement, Transit Oriented Development storm drain upgrades) and the Waller Creek Tunnel project work to **invest in a compact and connected Austin** as well as to **develop and maintain affordability**.

CIP Funding Sources

The Department will utilize drainage fee funds and funds from fee-in-lieu programs for its FY 2013-14 CIP projects.

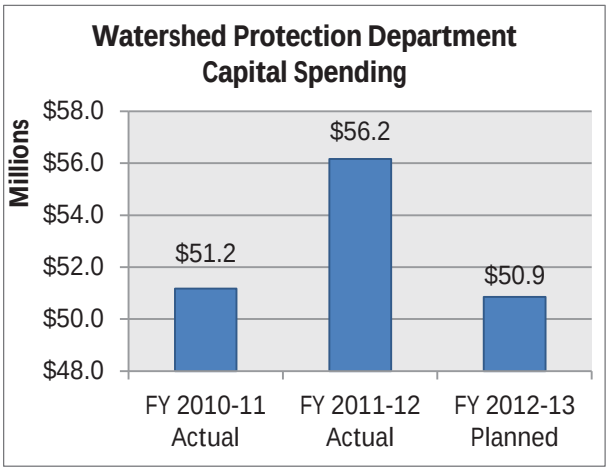
Drainage utility fee (DUF) funds must be used for drainage-related projects. Texas Local Government Code states that the income of a drainage utility system must be segregated and completely identifiable in municipal accounts. Because the City of Austin uses the drainage charge as a funding source for future system improvements, including replacement, new construction, or extension, revenue generated by the charge is not transferable to the general fund. This is also mandated by the Texas Local Government Code (§552.049).

The Urban Watersheds Ordinance (UWO) fee-in-lieu program provides additional funds for Watershed Protection's CIP projects in the form of the Urban Structural Control Fund. The UWO amendments require water quality control structures to treat storm water runoff. The ordinance includes other requirements that allow for fee-in-lieu of payments in Urban Watersheds instead of building water quality control structures when approved by the Director of the Watershed Protection Department and establishes critical water quality zones with their attendant development restrictions in watersheds outside of the Central Business District.

The Regional Stormwater Management Program (RSMP) is a fee-in-lieu program administered by the Watershed Engineering Division of the City of Austin's Watershed Protection Department. This program provides for the planning, design and construction of

regional drainage improvements to prevent flooding caused by increased runoff from developments, using fees paid by the owners of those developments.

Implementation of the Master Plan has been the primary driver for WPD's CIP spending in all past years, as well as the five year plan covering FY 2014-2018. Other drivers include the multitude of priorities that the City is now facing as a whole. Transit Oriented Development, Urban Rail, the Austin Downtown Plan, the Waller Creek district, implementation of neighborhood plans, and street resurfacing are examples of citywide projects that all include drainage infrastructure needs that might not align with the Master Plan as high priority watershed needs, but still represent legitimate city needs.



Unfunded Capital Needs Requests

The unfunded capital needs identified represent project funding needs which cannot be met during this five year planning horizon through the WPD funding sources identified in the previous section. These needs fall into two categories: The first category are projects that are receiving partial funding during the five year planning horizon, but adequate funding to complete the funding needs cannot be provided within the five year planning horizon. These include ongoing projects such as infrastructure improvements for the TODs (Transit Oriented Development), infrastructure upgrades for the Central business District (CBD), and the Stream restoration improvements for the Waller Creek revitalization project, as well as other small scale projects including the Barton Springs Replacement Dam and the Little Walnut Creek Flood Hazard Mitigation Project.

Projects such as storm drain upgrades for the TODs and the CBD address the City's aging and undersized infrastructure, in direct support of WPD's Infrastructure Asset Management Goals. The expected pipe life for storm drain systems is sixty years, and over 15% of Austin's storm drain infrastructure is over 60 years old. Most of this infrastructure is located in the CBD and older parts of town such as the MLK and Plaza Saltillo TOD areas. Almost half of the storm drain infrastructure within the City is undersized, as it was constructed prior to 1977 when standards were adopted for adequate sizing of infrastructure. It is important to continue to invest in replacing this critical infrastructure.

The restoration of Waller Creek is a key element in the initiative to revitalize and redevelop the eastern portion of downtown Austin. The 2012 bonds recently approved by the citizens of Austin include $10 million for stream and trail improvements for lower Waller Creek and will help offset the total need of more than $40 million. Given available and planned funding from the DUF and other sources, there is a remaining unfunded need of approximately $22 million.

The second category of unfunded needs are watershed projects to address high priority problems that could be undertaken within the five-year planning horizon using existing staff, if additional funding were available. Examples of this category include flood plain buyouts for Williamson Creek Radam and Fairview Neighborhoods, and the Carson Creek Dalton Lane Roadway crossing upgrade. These projects are in high priority Master Plan problem areas. The Radam and Fairview neighborhoods have 77 Priority One homes located within the 25 year floodplain of Williamson Creek that have over 2-3 feet of inundation into the homes in the 100 year storm. Dalton Lane crosses the main stem of Carson Creek and floods over 1.5 feet in the 2 year storm and 3 feet in the 100 year storm, which poses a risk to public safety.

The Drainage Utility Fund provides an average of $25 million of funding a year over the period of the five-year forecast, yet to better address the high priority needs of the City, additional funding is required. In the 2006 Bond

Program, $95 million was approved for drainage infrastructure, which yielded an average of an additional $20 million of funding per year over what was provided by the Drainage Utility Fund alone, allowing WPD to accelerate high priority projects to address critical needs areas. As the City continues to grow, and to annex additional land, the areas of critical need also increase. Additional funding is needed to address these high priority areas.

CIP FY 2013-14 Process Flow Chart

WPD CIP Appropriations Planning

- Project review begins with approved yearly CIP plan and WPD 5 year plan
- Information distributed at CIP Kickoff Meeting
- All projects requesting funding in FY 14 must complete project integration process
- All new projects must complete WPD project information form and CPO Prioritization Form
- New projects are those that have not been included on a previous 5 year plan

→

Program Committee –within each mission, mangers and staff work with MIP representative to

- Identify New Projects and complete new project information
- Verify Mission Problem Scores and prioritization
- Verify project information including project schedule, project benefit and cost estimates
- Identify projects for coordination with other City departments for CIP integration opportunities
- Work with project sponsors to complete project integration process for all projects requesting funding in FY 14

→

WPD Project Sponsors proposing projects

- Identify new projects and complete new project information
- Review/Revise existing 5 year plan verifying projects represent High priority needs
- Update project information, cost estimates, project benefits and schedule
- Analyze impact of funding deferrals
- Coordinate project identification for UWO and RSMP funding opportunities
- Complete Project Integration Process for all projects requesting funding in FY 14

→

Mission Integration and Prioritization Team

- Coordinates WPD Capital Project Planning
- Reviews Mission project priorities
- Insures integration process is completed for all projects requesting funding
- Reviews need for new projects
- Coordinates project information, mission MP prioritization/scores and high priority lists
- Provides input on project scopes and cost estimates
- Reviews and makes recommendations on selected project alternatives
- Reviews design to insure scope is followed
- Prepares and recommends yearly and 5 year appropriations plan
- Reviews and makes recommendations on transfers of funds between projects pursuant to WPD transfer policy
- Reviews and makes recommendations on emergency contingency fund projects and Citywide Coordination fund projects
- Coordinates with Value Engineering Team on review of projects

→

Executive Committee, CIP Facilitation Committee and Director

- Reviews and approves yearly Appropriation Plan
- Reviews and approves 5 year plan
- Reviews and approves transfers of funds between projects pursuant to departmental transfer policy
- Reviews and approves emergency contingency and Citywide Coordination project funding

→

Boards, Commission and Council Action

- Draft WPD Appropriations plan is presented to relative Boards and Commissions
- Draft WPD CIP appropriations plan is approved by City Council

2013-2014 CIP Spending Plan Summary

Watershed Protection Department

Project	Thru Current	2014	2015	2016	2017	2018	Future	Total
6007:Barton Springs Pool	$4,776,741	$569,382	$145,550	$390,000	$0	$0	$0	$5,881,673
6021:Developer Reimbursements	$150,000	$26,031	$635,969	$0	$0	$0	$0	$812,000
5749:Equipment Replacement, IT Needs, Wet Pond Main, Field Ops Fac, MISC.	$18,190,934	$4,827,467	$2,993,380	$2,970,630	$2,180,853	$6,308,423	$0	$37,471,687
5848:Erosion Control - Channel Stabilization	$11,814,941	$8,345,582	$6,462,570	$6,365,304	$5,013,703	$10,420,204	$0	$48,422,304
5954:FEWS	$2,474,458	$684,000	$380,970	$312,000	$300,000	$354,303	$0	$4,505,731
5754:Flood Control - Creek Flooding Mitigation	$28,544,829	$13,355,200	$11,840,683	$10,559,420	$5,602,430	$5,402,694	$2,040,000	$77,345,256
5789:Flood Control - Localized Drainage	$56,660,247	$16,189,788	$10,750,660	$8,127,541	$8,500,000	$9,001,903	$4,266,562	$113,496,701
5781:Flood Control-Buyouts	$7,833,264	$939,855	$67,902	$0	$0	$0	$0	$8,841,021
6938:Floodplain Studies & Digital Mapping	$3,369,732	$442,834	$1,306,067	$500,000	$500,000	$842,370	$0	$6,961,003
7493:GIS / Database Projects	$9,452,187	$1,585,272	$1,144,218	$482,153	$64,000	$0	$0	$12,727,830
6039:Master Plan Projects	$4,487,101	$263,275	$2,297,848	$1,100,000	$995,000	$18,567,311	$0	$27,710,535
6661:Open Space	$26,781,239	$15,136,752	$0	$0	$0	$0	$0	$41,917,991
7492:Stormwater Pond Safety	$3,819,545	$1,627,000	$3,061,508	$1,959,989	$1,400,350	$850,000	$0	$12,718,392
8598:Transit Oriented Development	$512,157	$50,000	$441,843	$0	$0	$4,738,928	$0	$5,742,928
9083:Waller Creek Redevelopment	$1,304,132	$594,720	$0	$0	$0	$0	$0	$1,898,852
6521:Waller Creek Tunnel	$81,564,104	$53,609,732	$9,261,915	$5,365,303	$0	$3,150,000	$0	$152,951,054
5282:Water Quality Protection - Stormwater Treatment	$9,874,003	$12,861,110	$5,861,340	$6,337,655	$4,262,731	$4,631,446	$2,000,000	$45,828,285
6660:Water Quality Remediation and Restoration	$857,802	$402,000	$609,641	$50,000	$50,000	$331,448	$0	$2,300,891
Total	**$272,467,417**	**$131,510,000**	**$57,262,064**	**$44,519,995**	**$28,869,067**	**$64,599,030**	**$8,306,562**	**$607,534,135**

DRAFT

DRAFT

2013-2014 CIP Funded Appropriation Request Summary

Watershed Protection

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6007:Barton Springs Pool	$5,381,674	$200,000	$0	$300,000	$0	$0	$0	$5,881,674	Debt Cash
6021:Developer Reimbursements	$812,000	$0	$0	$0	$0	0	$0	$812,000	Other
5749:Equipment Replacement, IT Needs, Wet Pond Main, Field Ops Fac, MISC.	$26,433,687	$2,194,000	$2,691,000	$2,051,000	$2,051,000	$2,051,000	$0	$37,471,687	Debt Cash
5848:Erosion Control - Channel Stabilization	$31,872,100	$2,485,000	$2,810,000	$3,581,000	$3,439,000	$4,235,204	$0	$48,422,304	Other Debt Cash
5954:FEWS	$2,565,731	$680,000	$360,000	$300,000	$300,000	$300,000	$0	$4,505,731	Cash
5754:Flood Control - Creek Flooding Mitigation	$54,142,104	$3,522,907	$3,918,000	$5,200,000	$4,812,244	$5,750,000	$0	$77,345,255	Other Debt Cash
5789:Flood Control - Localized Drainage	$81,428,912	$6,113,720	$3,928,427	$6,125,000	$7,750,000	$8,400,000	$0	$113,746,059	Other Debt Cash
5781:Flood Control-Buyouts	$8,841,020	$0	$0	$0	$0	$0	$0	$8,841,020	Other Debt Cash
6938:Floodplain Studies & Digital Mapping	$3,981,002	$300,000	$1,180,000	$500,000	$500,000	$500,000	$0	$6,961,002	Cash
7493:GIS / Database Projects	$11,136,000	$874,829	$317,000	$400,000	$0	$0	$0	$12,727,829	Cash

2013-2014 CIP Funded Appropriation Request Summary

Watershed Protection

Project	Actuals thru Prior Year	2014	2015	2016	2017	2018	Future	Total	Funding Source
6039:Master Plan Projects	$8,649,593	$2,715,391	$5,770,000	$4,104,000	$4,877,756	$1,593,796	$0	$27,710,536	Cash
6661:Open Space	$11,917,991	$30,000,000	$0	$0	$0	$0	$0	$41,917,991	Other Debt
7492:Stormwater Pond Safety	$7,693,392	$950,000	$1,300,000	$925,000	$1,000,000	$850,000	$0	$12,718,392	Cash
8598:Transit Oriented Development	$2,122,928	$800,000	$750,000	$500,000	$400,000	$1,170,000	$0	$5,742,928	Cash
9083:Waller Creek Redevelopment	$1,898,852	$0	$0	$0	$0	$0	$0	$1,898,852	Other Cash
6521:Waller Creek Tunnel	$145,719,603	$4,431,451	$350,000	$700,000	$700,000	$1,050,000	$0	$152,951,054	Other Debt Cash
5282:Water Quality Protection - Stormwater Treatment	$26,478,915	$3,769,373	$4,208,000	$3,652,000	$4,070,000	$3,650,000	$0	$45,828,288	Other Debt Cash
6660:Water Quality Remediation and Restoration	$1,275,391	$700,500	$75,000	$50,000	$100,000	$100,000	$0	$2,300,891	Cash
Total Request	**$432,350,895**	**$59,737,171**	**$27,657,427**	**$28,388,000**	**$30,000,000**	**$29,650,000**	**$0**	**$607,783,493**	

DRAFT