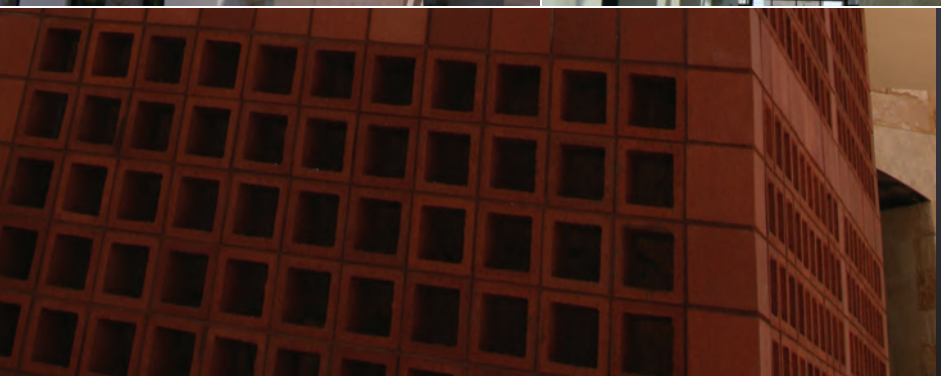
City of Surprise

CAPITAL IMPROVEMENT PLAN

Fiscal Year 2010-2014



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City of Surprise
Capital Improvement Plan
Fiscal Year 2010

Adopted May 2009

Prepared by the City of Surprise
Office of Management & Budget

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http://www.surpriseaz.com

City of Surprise, Arizona

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Capital Improvement Plan FY2010

CITY OF SURPRISE
CAPITAL IMPROVEMENT PLAN
Fiscal Year 2010

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City of Surprise, Arizona

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Capital Improvement Plan FY2010

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Capital Improvement Plan
Management Review Team

Management Review Team:

- Primary Team Members:
  - Randy Oliver, City Manager
  - Kathy Rice, Assistant City Manager
  - Doug Sandstrom, Assistant City Manager
- Department Heads

Coordination Assistance & Management Support

Jared Askelson, Budget Manager
Steve Copeland, Senior Management & Budget Analyst
Lindsey Duncan, Management & Budget Analyst
Shelley Hohman, Management & Budget Analyst
Cathy Perritano, Senior Management & Budget Analyst

City Hall

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FY2010– FY2014

The city of Surprise has transitioned from a small agricultural community to one of the fastest growing communities in the nation. During fiscal year 2008, the estimated population grew to 100,858, triple the 2000 census tabulation of approximately 30,000 residents. It is estimated that the population will increase to over 118,000 people by the end of FY2014.

Much of Surprise's infrastructure has been developed in conjunction with this growth with a mix of public and private service providers. Large master planned communities like Sun City Grand and Marley Park installed local infrastructure (roads, water, and sewer lines) to service the projects while the city continues to provide police, fire, and wastewater treatment infrastructure and services for new residents expected to be added annually.

Management worked with the Mayor and City Council and all departments throughout the Capital Improvement Plan (CIP) process to develop the adopted CIP. The CIP process runs in conjunction with the operating budget process and both culminate with the adoption of the recommended budget and CIP by the Mayor and Council in May.

A CIP is a multi-year plan that outlines current capital and infrastructure projects, future anticipated needs, and future costs to the community. It addresses both repair and replacement of existing infrastructure and purchase of capital equipment as well as the development of new facilities to accommodate future growth and/or improve services. The CIP links the city's planning and budgeting functions and is updated annually. The entire CIP document is available on the city's website www.surpriseaz.com.

The recommended budget and CIP include a number of capital expenditures. Most of the projects recommended for inclusion in the FY2010 budget have been in the CIP for several years. As a funded planning document, as expected, most projects should be foreseen long before they become a reality.

The following is a breakdown of some of the major projects that are included in the recommended FY2010 Capital Improvement Plan. The entire CIP has been evaluated to ensure that the city has the ability to fund these projects through completion. Based on current five-year revenue projections the FY2010 – FY2014 CIP is funded and is within the city's means.

Major Accomplishments/Undertakings:

Capital Improvements Plan (CIP)

Funding for FY2010 is $17,458,800. The FY2010 major projects for each fund are summarized below.

- General Capital – FY2010 ($812,000) FY2010-2014 ($812,000)
  The City Hall Solar project is planned in FY2010 and is 100% funded by a federal grant.
- Highway User Revenue Fund – FY2010 ($463,900) FY2010-2014 ($8,624,800)
  This fund includes the annual street preservation and maintenance program.
- Police Development Fee Fund – FY2010 ($745,800) FY2010-2014 ($745,800)
  This fund includes the completion of the communications upgrade to the Regional Wireless Cooperative (RWC).
- Public Works Development Fee Fund – FY2010 ($0) FY2010-2014 ($2,800,000)

- Transportation Improvement Fund – FY2010 ($8,713,400) FY2010-2014 ($21,718,300)
  Road improvements/construction projects for Bell Road, Bullard Avenue, Greenway Road, and Union Hills Widening are funded in FY2010. The park and ride lot and money to share in the cost of improvements to Dysart Road and Thunderbird Avenue are also included in FY2010.
- Roads of Regional Significance – FY2010 ($2,244,700) FY2010-2014 ($5,572,000)
  As part of the transportation development impact fee, developers are reimbursed for constructed eligible projects.
- Water Operations User Fee Fund – FY2010 ($500,000) FY2010-2014 ($500,000)
  Arsenic treatment funded with a federal grant is planned for FY2010.
- Water System Development Fee Fund – FY2010 ($2,392,700) FY2010-2014 ($4,413,300)
  The CAP (Central Arizona Project) contribution and potential reimbursements to developers for wells, water supply facilities, well sites, water treatment, and oversize of distribution system are budgeted in FY2010.
- Replenishment Development Fee Fund – FY2010 ($525,000) FY2010-2014 ($2,125,000)
  Replenishment efforts in FY2010 include permitting and reclaim line construction for G-Farms and/or Santa Lucia Farms.
- Sewer Operations Fund – FY2010 ($1,000,000) FY2010-2014 ($1,000,000)
  Completion of the design and construction of the 163rd Avenue sewer line interceptor is scheduled for FY2010. This project has offsetting revenue of $1,000,000 from developers.
- Sewer Development Fee Fund – FY2010 ($61,300) FY2010-2014 ($550,000)
  Potential reimbursements to developers for development fee eligible projects are programmed in FY2010.

In addition to the major projects listed above which are funded in the FY2010 budget, the city plans on continuing to make investments in infrastructure and capital acquisition over the next five years. The following projects are included in the FY2010 – FY2014 CIP:

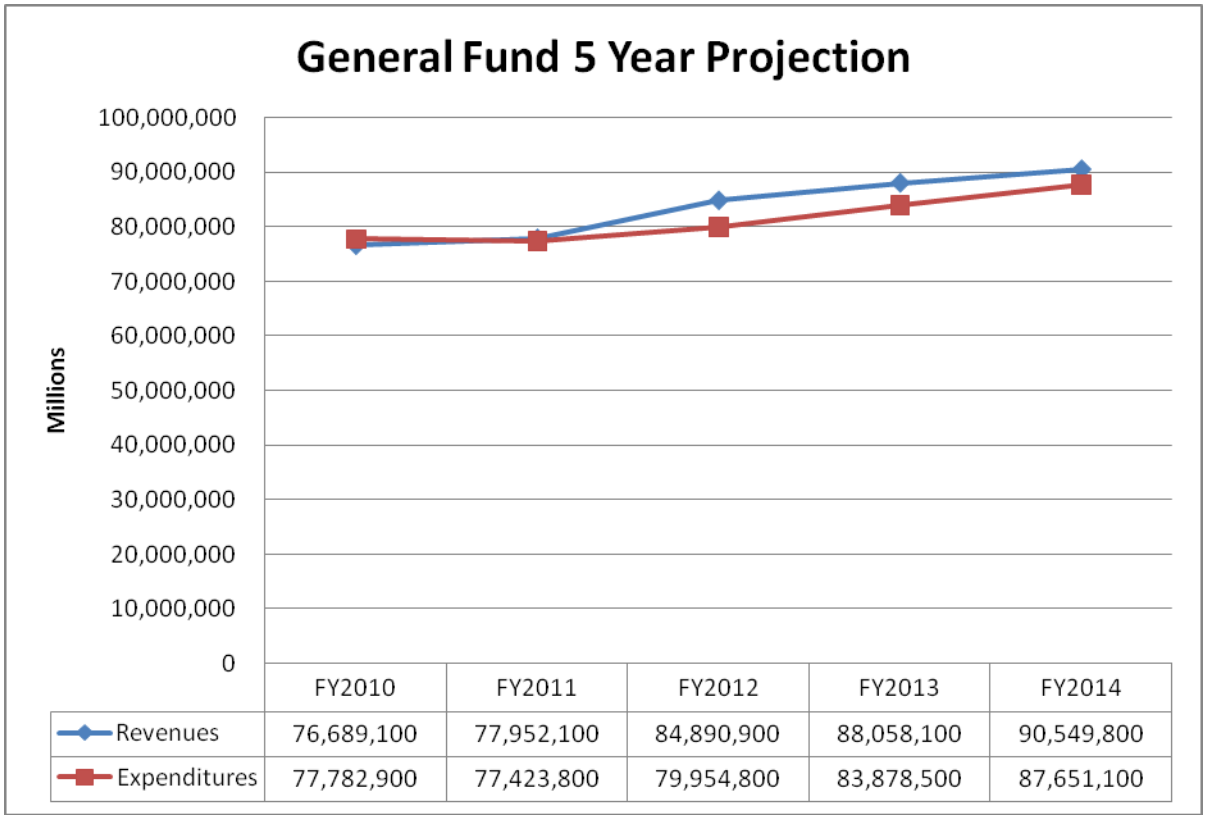
- *Engineering/Transportation* – Implementation of the transportation action plan, including traffic signals. Roadway improvements include the completion of Bell Road and Greenway Road, and design and construction of Litchfield Road and Waddell Road. Completion of the park and ride lot is also planned.
- *Public Works* – annual street maintenance is planned.
- *Water & Sewer Infrastructure* – In addition to the infrastructure that will be installed by developers, the city will continue to invest funds in replenishment efforts.

Capital & Operational Finances

In keeping with the city's policy of sustainability, approved capital projects stress continuation of current service levels. Surprise citizens deserve, and have come to expect the high level of service provided by the city. In order to maintain this high level of service, the city has committed many of its one-time sources of funds to pay for capital and infrastructure needs.

The operational costs associated with the massive amount of capital built by the city of Surprise have been felt over the last couple years. With each new completed project there are staffing, maintenance, supply, and other service costs that must be absorbed on an ongoing basis. The funding of these ongoing operational costs must be determined before a project is approved. By examining operational requirements early in the process, the city is assured that when a public building is completed, there is funding to open and operate the facility without negatively affecting other city services.

The chart below compares general fund operating revenues to operating expenditures as projected over a five year period. The update of the 2010 census used for allocating state shared revenues accounts for the significant increase of revenue in FY2012.



	FY2010	FY2011	FY2012	FY2013	FY2014
Revenues	76,689,100	77,952,100	84,890,900	88,058,100	90,549,800
Expenditures	77,782,900	77,423,800	79,954,800	83,878,500	87,651,100

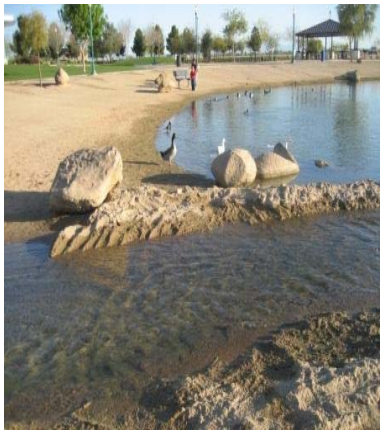
The majority of approved capital projects are directly related to maintaining the current level of service. New residents who move to Surprise next year will be greeted with a high level of service and amenities. The Mayor and City Council and City Manager have pledged to do what is required to ensure this level of service is sustainable.

CIP Development

The following section provides information that served as the background for the development of the CIP.

What should be addressed in this planning effort?

- Financial responsibility.
- Improved transportation.
- Expansion of public safety facilities.
- Coordination with utilities.
- Allocation of funding for advanced organizational planning.
- Maintaining the necessary "tools" to provide quality customer service.
- Expansion of parks and recreation facilities.
- Economic development implications.
- Environmental issues.
- Community aesthetics and image.
- Public input.
- Sustainability for Surprise.



Community Park

Capital Project Definition

In order to distinguish between true capital items and operating items, the following capital project definition was developed:

Projects included in the Surprise CIP will be those with a cost of at least $100,000 with a useful life of at least three years. All other projects shall be included in departmental operating budgets. Vehicles are to be handled through a separate process.

The CIP is to be used as a guide in decision-making. The CIP is intentionally developed in the most a-political environment possible with the full knowledge that the final decisions will be made in the political arena. The CIP is an objective basis for making decisions in a very subjective environment.

The process for the CIP's development is divided into three key components, culminating in the presentation of a Capital Improvement Plan to the Mayor and City Council for approval.

1. Needs Assessment. Future needs are outlined utilizing the General Plan and taking growth patterns into consideration.
2. Financial Analysis. Examination of the city's recent revenues, expenditures, current debt, and bonding capacity are included in the financial analysis.
3. Capital Improvement Plan Policies. The plan document includes policies, an implementation section, and outlines how the CIP will be updated on an annual basis.

Needs Assessment

The needs assessment encompasses all of the anticipated needs for the community within the definition of capital projects for the next five years.

During the plan development process, an inclusive capital project list is created. However, additional needs will be identified on a continuing basis and will be included in the annual update process. Some unanticipated needs will occur during the budget year and will be weighed against needs already identified in the annually adopted CIP.

Attached near the end of this document is a section entitled “City of Surprise, FY2010-2014, Capital Improvement Plan.” This summarizes the projects approved for funding in FY2010 and all the projects adopted for the Capital Improvement Plan in the five year period. Each project is listed by the responsible department/division name and project expenditures are shown by fiscal year with a total by project for all years.

Following the project summary by department/division is a section titled “Capital Project Detail.” It is categorized in department order and details each CIP project by providing cost detail, project description, project location including the City Council district most directly impacted, recommended funding source(s), and anticipated ongoing operating costs. Below the cost detail section, the timeline of the project is restated by year. These are not in any prioritized order. The project number is for identification purposes only.

Surprise Farms Park

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Financial Analysis

When attempting to determine what resources are available to fund capital improvements, it is important to carefully examine the current financial condition of the city as well as possible funding alternatives. Like most communities, the city of Surprise will most likely always have more needs than financial resources.

In developing the CIP, a complete financial analysis is conducted. Funding options, current revenue trends, the community's borrowing capacity, and current debt are reviewed.

Funding Options

The city of Surprise has been funding capital improvement projects for many years. The key to implementing the CIP is consistent, systematic funding. This is becoming more and more difficult with today's political climate, shrinking revenue sources, and the demands presented by Surprise's growth potential.

The following options were considered when analyzing potential funding sources for CIP Projects.

- **Pay-As-You-Go Out of Current Revenues.** The city currently receives the bulk of its revenues through local sales taxes, state sales tax, and state income tax. A component of the local sales tax is construction related taxes. 75% of the taxes collected on construction activity are dedicated to capital purchases. The city also receives funding from state fuel taxes and the Arizona Lottery. These funds are restricted for transportation related expenditures.
- **Municipal Bonds.** The city can issue bonds for capital projects. Municipal bonds are paid back over a period of time with interest. The city's ability to bond is discussed in more detail in the bonding capacity section. The issuance of municipal bonds must be approved by the voters.
- **Certificates of Participation/Municipal Property Corporations.** These are funding mechanisms used by many municipal governments that allow the municipality to borrow funds without voter approval. The debt is paid back much like a bond – over time with interest. The city of Surprise qualifies as having Municipal Property Corporation status, so this option is available.
- **Lease-Purchase Agreements.** A method of financing capital projects that lessens the up-front costs to the municipality. While interest is paid, the payoff period is typically a shorter period than bonds and the municipality will own the project at the termination of the agreement.
- **Improvement Districts.** This financing method is used to raise capital for projects in which the residents who benefit from the improvements pay for them over time.
- **Development Impact Fees.** Fees imposed on new development to defray the impact and additional costs the development places on municipal infrastructure and services. The city currently has an Impact Fee Ordinance that applies fees to new development.
- **Grants.** Federal, state, and county grants are available to finance capital projects. Many of these grants require the municipality to participate either financially or through "in kind" matches. The city is the recipient of various county, state, and federal grants and pursues grant funding as opportunities arise.
- **User Fees.** Fees paid by service users to maintain existing facilities and develop additional capacity. Utilities such as water, sewer and sanitation fall under this category.

Current Revenue Trends

Surprise currently has a 2.2% sales tax over the state and county sales taxes. The city has a hotel/motel and restaurant tax of 1.0% over the standard sales tax and a construction sales tax of 1.5% over the standard rate. The city currently does not have a use tax.

Local sales taxes collected have grown from $6 million in 1998 to projected revenues of $29 million in Fiscal-Year 2010. The city has a primary property tax rate of $0.5661 per $100 net assessed valuation in FY2010. This rate is a decrease of 0.0278 below last year's rate. The city also has several Special Assessment Districts for street light expenditures.

Assessed Valuation in the community has risen dramatically in the past decade reflecting the community's rapid growth. Net Assessed Valuation in 1990 was $45,758,320 and showed relatively no growth through 1996 where levels reached $48,450,094. Current secondary assessed valuation is $1,353,294,533.

Borrowing Capacity

While it is the desired goal of any organization – a municipality or even a family – to finance purchases without borrowing (pay-as-you-go), sometimes financing is necessary. Surprise has used various financing methods in the past to purchase vehicles and equipment and finance the development of other municipal services.

The most commonly utilized large project municipal financing method in the United States of America is the General Obligation Bond (G.O. Bond). This is the most inexpensive way to finance projects because the bond's repayment is based on the full taxing authority of the municipality and backed up by real property. Voters would have to approve any property taxes (secondary) instituted to support the issuance of G.O. Bonds.

At some point, the voters may be asked to approve additional property tax to support the issuance of G.O. Bonds for desired community projects. The State of Arizona places limits on this type of financing. Before planning to finance future capital improvement through this mechanism, it is important to know how much authority is available under state statutes.

Under Arizona Law, Article IX, Section 8, municipalities may issue G.O. Bonds for purposes of water, wastewater, artificial light, open space preserves, parks and recreational facilities, public safety, law enforcement, fire and emergency services facilities, streets, and transportation facilities up to an amount not exceeding 20 percent of the secondary assessed value. Based on Surprise's secondary assessed valuation of $1,353,294,533, a total of $270,658,900 could be borrowed utilizing G.O. Bonds. The city currently has no outstanding G.O. Bonds debt in the 20 percent category.

In addition, Arizona law allows municipalities to issue G.O. Bonds for all other purposes not listed above up to an amount not exceeding six percent of the valuation. This would allow Surprise to bond for $81,197,700 under this category. The city currently has no outstanding G.O. Bonded debt in the six percent category.

Surprise's other debt does not count against these figures although the overall financial position of the city would be considered by lending institutions.

Current Debt

As of June 30, 2009, the city of Surprise held the following debt obligations over and above normal operating accounts payable. The total amount and year of debt retirement are indicated.

Municipal Property Corporation Debt
Current Balance: $94,560,000
Debt Retirement Date: 07/01/2032

Fund Balance
Capital Improvement Plan
FY2010 - FY2014

	FY2010	FY2011	FY2012	FY2013	FY2014
21112 - GENERAL CAPITAL					
Beginning Balance	11,582,200	-	-	-	-
Revenues	2,575,000	2,613,600	3,031,500	3,461,300	3,513,200
Intergovernmental Contributions	812,000	-	-	-	-
Transfers In	2,905,100	567,000	674,800	759,500	858,500
Expenditures	(13,928,700)	(46,000)	(47,300)	-	-
Transfers Out	(3,499,300)	(2,688,100)	(3,212,100)	(3,771,400)	(3,925,600)
Debt Service	(446,300)	(446,500)	(446,900)	(449,400)	(446,100)
Ending Balance	-	-	-	-	-
21412 - GENERAL GOVERNMENT DEV					
Beginning Balance	6,400	-	-	-	-
Revenues	480,400	579,500	674,800	770,100	770,100
Expenditures	-	(12,500)	-	(12,500)	-
Transfers Out	(486,800)	(567,000)	(674,800)	(757,600)	(770,100)
Ending Balance	-	-	-	-	-
21413 - POLICE DEV					
Beginning Balance	286,000	-	-	-	-
Revenues	303,000	358,800	420,500	482,300	482,300
Intergovernmental Contributions	198,800	-	-	-	-
Transfers In	708,800	118,600	44,900	-	-
Expenditures	(1,031,800)	(12,500)	-	(12,500)	-
Transfers Out	-	-	-	(1,900)	(17,800)
Debt Service	(464,800)	(464,900)	(465,400)	(467,900)	(464,500)
Ending Balance	-	-	-	-	-
21414 - PARKS & RECREATION DEV					
Beginning Balance	(697,800)	-	-	-	-
Revenues	567,800	811,100	892,200	973,300	973,300
Transfers In	2,940,500	1,074,500	982,800	924,600	898,100
Expenditures	(938,000)	(12,500)	-	(12,500)	-
Debt Service	(1,872,500)	(1,873,100)	(1,875,000)	(1,885,400)	(1,871,400)
Ending Balance	-	-	-	-	-
21415 - PUBLIC WORKS DEV					
Beginning Balance	5,252,300	-	77,800	290,800	614,000
Revenues	640,600	790,300	913,000	1,035,700	1,035,700
Expenditures	(3,474,600)	(712,500)	(700,000)	(712,500)	(700,000)
Transfers Out	(2,418,300)	-	-	-	-
Ending Balance	-	77,800	290,800	614,000	949,700
21416 - FIRE & EMS DEV					
Beginning Balance	(4,166,900)	-	455,900	1,036,900	1,717,200
Revenues	557,400	663,300	776,100	889,000	889,000
Transfers In	3,854,300	-	-	-	1,392,800
Expenditures	(50,000)	(12,500)	-	(12,500)	-
Debt Service	(194,800)	(194,900)	(195,100)	(196,200)	(194,700)
Ending Balance	-	455,900	1,036,900	1,717,200	3,804,300

Fund Balance
Capital Improvement Plan
FY2010 - FY2014

	FY2010	FY2011	FY2012	FY2013	FY2014
21417- LIBRARY DEV					
Beginning Balance	3,939,400	251,400	476,500	737,800	1,010,400
Revenues	166,300	237,600	261,300	285,100	285,100
Expenditures	-	(12,500)	-	(12,500)	-
Transfers Out	(3,854,300)	-	-	-	-
Ending Balance	251,400	476,500	737,800	1,010,400	1,295,500
21418 - TRANSPORTATION IMPROVEMENT TAX					
Beginning Balance	9,842,800	2,010,000	357,100	1,678,000	107,700
Revenues	2,340,900	2,376,000	2,755,900	3,146,700	3,193,800
Intergovernmental Contributions	5,585,700	-	-	-	-
Expenditures	(15,759,400)	(4,028,900)	(1,435,000)	(4,717,000)	(2,824,000)
Ending Balance	2,010,000	357,100	1,678,000	107,700	477,500
21411 - ROADS OF REGIONAL SIGNIFICANCE DEV SPA 2, 4, 6					
Beginning Balance	1,423,500	-	-	-	-
Revenues	300,100	428,700	471,500	514,400	514,400
Expenditures	(1,723,600)	(428,700)	(471,500)	(514,400)	(514,400)
Ending Balance	-	-	-	-	-
21419 - ROADS OF REGIONAL SIGNIFICANCE DEV SPA 3 & 5					
Beginning Balance	299,700	-	-	-	-
Revenues	221,400	316,300	348,000	379,600	379,600
Expenditures	(521,100)	(316,300)	(348,000)	(379,600)	(379,600)
Ending Balance	-	-	-	-	-
22512 - WATER SYSTEM DEV					
Beginning Balance	2,277,800	-	-	-	131,700
Revenues	403,900	558,200	620,600	683,000	683,000
Expenditures	(2,681,700)	(558,200)	(620,600)	(551,300)	(315,500)
Ending Balance	-	-	-	131,700	499,200
22522 - WATER REPLENISHMENT DEV					
Beginning Balance	4,694,000	679,800	990,000	722,200	501,600
Revenues	224,300	310,200	344,700	379,400	379,400
Expenditures	(4,238,500)	-	(612,500)	(600,000)	(412,500)
Ending Balance	679,800	990,000	722,200	501,600	468,500
22532 - SEWER SYSTEM DEV - SPA 1					
Beginning Balance	(2,379,600)	-	-	-	-
Revenues	1,337,300	1,780,100	2,003,700	2,227,300	2,227,300
Transfers In	5,476,700	2,436,200	2,241,400	2,015,100	5,490,600
Expenditures	(279,900)	(61,300)	(88,300)	(75,800)	(88,300)
Debt Service	(4,154,500)	(4,155,000)	(4,156,800)	(4,166,600)	(7,629,600)
Ending Balance	-	-	-	-	-
31111 - MUNICIPAL PROPERTY CORPORTATION					
Beginning Balance	8,523,200	8,523,200	8,523,200	8,523,200	8,523,200
Revenues	6,686,600	6,687,900	6,692,300	6,716,100	10,160,200
Debt Service	(6,686,600)	(6,687,900)	(6,692,300)	(6,716,100)	(10,160,200)
Ending Balance	8,523,200	8,523,200	8,523,200	8,523,200	8,523,200

Capital Improvement Plan Policies

Policies

When implementing a plan of this complexity and magnitude, it is important to adhere to operating policies and procedures to ensure success. The following policies have been adopted as part of the Surprise Capital Improvement Plan.

CIP Operating Policies

- Regional considerations and intergovernmental relationships will be evaluated as projects are developed.
- Legal mandates will be monitored and projects to satisfy the mandates will be developed.
- The five-year CIP will be updated annually.
- An inventory of all completed capital improvement projects in the community will be maintained and reported as part of the CIP update process.
- Pay-as-you-go financing will be the preferred funding mechanism of the CIP.
- Should borrowing be necessary, dedicated revenue streams will be accounted for as to not jeopardize the long-term implementation of the CIP.
    - Efforts will be continuously made to maintain and improve the city's credit rating.
    - Capital project and improvement districts financed through debt instruments shall not be financed for more than the anticipated useful life of the project.
    - Department Directors and Managers will meet with the Chief Information Officer as part of the CIP update process to discuss and coordinate purchases in communications equipment and systems and computer hardware and software to ensure citywide compatibility.
    - The city shall periodically review user fees and adjust accordingly to ensure that the fees adequately cover the cost of operation, maintenance, and future expansion.
    - The city shall periodically review development impact fees and adjust accordingly to ensure new growth continues to pay its fair share of impact on the community.
    - The city shall work aggressively with developers to ensure future development pays for itself and is not a burden on existing residents.
    - Projects will be developed to accommodate coordination with economic development efforts.

Plan Implementation

The success of a plan or a planning process is measured by the degree of its implementation. Since resources are limited, it is crucial for the city of Surprise to follow a consistent, objective path to allocate funding for future capital improvements needs.

The following implementation program outlines the specific steps necessary to implement the CIP and perform the annual update.

Trenching

General Implementation Guidelines

- The Surprise five-year CIP is adopted by the Mayor and Council and is published and widely distributed. The CIP is updated annually and reviewed and adopted by the Mayor and Council along with the operating budget each year.
- Department heads are responsible for preparing monthly reports on the status of current year capital projects. The reports are compiled in the Budget Division and are posted monthly on the city's website www.surpriseaz.com.
- Citizen input should be sought periodically to determine the desires of the public. Attitudes and circumstances change and informed decision making requires that the city have an up-to-date awareness of what the public's attitudes are toward community facilities and services and how to pay for them.

Update Process

Updating the CIP shall take place annually along with the development of the city's annual budget. The CIP Management Review Team and the Office of Management & Budget shall work together to develop the annual update and prioritization of projects, by funding source, for presentation to the Mayor and Council.

Review Past Year

The Management Review Team shall meet to review the accomplishments of the prior year and discuss issues and problems related to the plan's process and implementation.

Update and Development of CIP Project Sheets

The Office of Management & Budget will coordinate the development of CIP Project Sheets for new projects and update project information from the prior year for projects that have not been completed or implemented. An additional year is added annually to the planning horizon to maintain the five-year plan.

The Project Detail Sheet includes: project name and department, description, council district location, funding source(s), cost detail by category and year, and estimated ongoing operational costs.

Determining the City's Financial Condition

The Office of Management & Budget estimates the city's financial condition as it relates to plan implementation.

Project Evaluation Meeting

The Management Review Team shall meet to discuss, evaluate, and prioritize all of the CIP Projects. The prioritization process consists of three categories.

1. Prioritized Funding Category: Projects competing for general fund and certain dedicated funding sources. The majority of projects are in this category.
2. Enterprise Fund Category: Utility Projects funded from a dedicated funding source, which are not able to compete for general fund monies.
3. Developer Funded: Projects funded and constructed by developers that do not compete for general fund monies. These projects are included in the 5-year CIP to recognize the vast amount of infrastructure that is being put into the ground which the city will assume responsibility for upon completion.

Creation of Fiscal Year Capital Budget

After the projects have been prioritized, the Office of Management & Budget develops a recommended Capital Budget. The Management Review Team uses this information as a tool in determining the projects recommended to the Mayor and Council for funding.

Adoption of Updated CIP and Inclusion of the Capital Budget in the Annual Budget

The updated CIP shall be presented to the Mayor and Council for review. Funding of the CIP is done as a part of the budget approval process.

Civic Center Parkway (Bell Road to Paradise Lane)

City of Surprise, Arizona

SURPRISE

ARIZONA

Capital Improvement Plan FY2010

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Capital Improvement Plan
Summary and Detail Sheets

The following is a document entitled “City of Surprise, FY2010-FY2014, Capital Improvement Plan.”

This document summarizes the projects approved for funding in FY2010 and all projects adopted for the Capital Improvement Plan in the years through FY2014. Each project is listed by responsible department/division name. Project expenditures are shown by fiscal year and totaled by project across all five years. The page number column indicates the page number to the corresponding detail sheet as mentioned below.

Following the department summary document is the “Capital Project Detail.” It is categorized in department order and details each CIP project by providing cost detail, description of the project, project location including the council district most directly impacted, recommended funding source(s), and anticipated ongoing operating costs. Below the cost detail section, the timeline of the project is restated by year. These are not in any prioritized order. The project number is for identification purposes only.

Lizard Run Pedestrian Walkway

City of Surprise, Arizona

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Capital Improvement Plan FY2010

City of Surprise
FY2010-2014
Capital Improvement Plan

Police

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
Police - Communications							
21413 Police Dev Fee Fund							
Police Communications Upgrade to RWC (1214)	$745,800	$0	$0	$0	$0	$745,800	25
Total - Police - Communications	**$745,800**	**$0**	**$0**	**$0**	**$0**	**$745,800**	
Total - Police	**$745,800**	**$0**	**$0**	**$0**	**$0**	**$745,800**	

City of Surprise
FY2010-2014
Capital Improvement Plan

PW-Facilities

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
PW - Project Management							
21112 General Fund							
City Hall Solar (1246)	$812,000	$0	$0	$0	$0	$812,000	26
21418 Transportation Improvement Fund							
Park and Ride (1034)	$2,090,000	$562,300	$0	$0	$0	$2,652,300	27
Total - PW - Project Management	**$2,902,000**	**$562,300**	**$0**	**$0**	**$0**	**$3,464,300**	
Total - PW-Facilities	**$2,902,000**	**$562,300**	**$0**	**$0**	**$0**	**$3,464,300**	

City of Surprise
FY2010-2014
Capital Improvement Plan

PW-Streets

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
Streets-Operations							
21212 HURF							
Street Preservation and Maintenance Program (177)	$463,900	$1,495,000	$2,184,400	$2,846,800	$1,634,700	$8,624,800	28
Total - Streets-Operations	**$463,900**	**$1,495,000**	**$2,184,400**	**$2,846,800**	**$1,634,700**	**$8,624,800**	
Total - PW-Streets	**$463,900**	**$1,495,000**	**$2,184,400**	**$2,846,800**	**$1,634,700**	**$8,624,800**	

City of Surprise
FY2010-2014
Capital Improvement Plan

Transportation

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
Transportation - TE General							
21411 Roads of Regional SPA 2, 4, 6							
Roads of Regional Significance Reimbursements SPA 2, 4, 6 (1241)	$1,723,600	$422,400	$471,500	$508,100	$514,400	$3,640,000	29
21418 Transportation Improvement Fund							
Bell Road Pavement (1039)	$2,933,400	$2,066,600	$0	$0	$0	$5,000,000	30
Bullard Avenue (Bell Road to Paradise Lane) (1097)	$1,005,000	$0	$0	$0	$0	$1,005,000	31
Dysart Road and Thunderbird Intersection Improvements (1050)	$1,000,000	$0	$0	$0	$0	$1,000,000	32
Greenway Road (Litchfield Road to Bullard Avenue) (1096)	$1,050,000	$1,400,000	$0	$0	$0	$2,450,000	33
Litchfield Road (Cactus Road to Desert Cove Road) (1099)	$0	$0	$0	$148,000	$2,324,000	$2,472,000	34
Litchfield Road (Sweetwater Road to Cactus Road) (1101)	$0	$0	$120,000	$1,569,000	$500,000	$2,189,000	35
Litchfield Road (Waddell Road to Sweetwater Road) (1100)	$0	$0	$1,315,000	$0	$0	$1,315,000	36
Union Hills Drive Widening (111th Avenue to 115th Avenue) (997)	$635,000	$0	$0	$0	$0	$635,000	37
Waddell Road (Litchfield Road to Bullard Avenue) (1095)	$0	$0	$0	$3,000,000	$0	$3,000,000	38
21419 Roads of Regional SPA 3, 5							
Roads of Regional Significance Reimbursements SPA 3, 5 (1035)	$521,100	$310,000	$348,000	$373,300	$379,600	$1,932,000	39
Total - Transportation - TE General	**$8,868,100**	**$4,199,000**	**$2,254,500**	**$5,598,400**	**$3,718,000**	**$24,638,000**	
Transportation - TE Signals							
21415 PW Development Fee							
Traffic Signals (557)	$0	$700,000	$700,000	$700,000	$700,000	$2,800,000	40
Total - Transportation - TE Signals	**$0**	**$700,000**	**$700,000**	**$700,000**	**$700,000**	**$2,800,000**	
Total - Transportation	**$8,868,100**	**$4,899,000**	**$2,954,500**	**$6,298,400**	**$4,418,000**	**$27,438,000**	

City of Surprise
FY2010-2014
Capital Improvement Plan

Water Services-Replenishment

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
Water Services - Replenishment							
22522 Water Replenishment Development Fee SPA 1							
SPA 1 Effluent Storage Reservoir Covers (1131)	$0	$0	$0	$0	$100,000	$100,000	41
SPA 1 Groundwater Savings Facility Project (1026)	$525,000	$0	$0	$0	$0	$525,000	42
SPA 1 Installation of Recharge Wells @ South Plant (357)	$0	$0	$600,000	$600,000	$300,000	$1,500,000	43
Total - Water Services - Replenishment	**$525,000**	**$0**	**$600,000**	**$600,000**	**$400,000**	**$2,125,000**	
Total - Water Services-Replenishment	**$525,000**	**$0**	**$600,000**	**$600,000**	**$400,000**	**$2,125,000**	

City of Surprise
FY2010-2014
Capital Improvement Plan

Water Services-Sewer

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
Water Services - Sewer Operations							
22531 Sewer Operations							
SPA 2 163rd Avenue Sanitary Sewer Interceptor-Phase 1 (714)	$1,000,000	$0	$0	$0	$0	$1,000,000	44
22532 Sewer Development Fee SPA 1							
Sewer Development Reimbursements (600)	$61,300	$61,300	$75,800	$75,800	$75,800	$350,000	45
22534 Sewer Development Fee SPA 3							
SPA 3 North Operations Center (1143)	$0	$0	$0	$0	$200,000	$200,000	46
Total - Water Services - Sewer Operations	**$1,061,300**	**$61,300**	**$75,800**	**$75,800**	**$275,800**	**$1,550,000**	
Total - Water Services-Sewer	**$1,061,300**	**$61,300**	**$75,800**	**$75,800**	**$275,800**	**$1,550,000**	

City of Surprise
FY2010-2014
Capital Improvement Plan

Water Services-Water

Name	FY 10	FY 11	FY 12	FY13	FY 14	Total	Page#
Water Services - Water Operations							
22511 Water Operations							
Arsenic Treatment (1245)	$500,000	$0	$0	$0	$0	$500,000	47
22512 Water Development Fee SPA 1							
CAP Allocation (747)	$576,000	$545,000	$545,000	$123,000	$123,000	$1,912,000	48
SPA 1 Ashton Ranch Subdivision Well #2 (992)	$0	$0	$0	$0	$90,000	$90,000	49
SPA 1 Mountain Gate/Kenly Well (873)	$0	$0	$0	$0	$90,000	$90,000	50
Water Development Reimbursement (598)	$1,816,700	$13,200	$63,100	$428,300	$0	$2,321,300	51
Total - Water Services - Water Operations	**$2,892,700**	**$558,200**	**$608,100**	**$551,300**	**$303,000**	**$4,913,300**	
Total - Water Services-Water	**$2,892,700**	**$558,200**	**$608,100**	**$551,300**	**$303,000**	**$4,913,300**	
Total FY 10-14 CIP	**$17,458,800**	**$7,575,800**	**$6,422,800**	**$10,372,300**	**$7,031,500**	**$48,861,200**	

City of Surprise, Arizona

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Capital Improvement Plan FY2010

CAPITAL PROJECT DETAIL

Police - Communications

Police Communications Upgrade to RWC

Project Number : 20805

Council District : Palm

Funding Source : 21413 - Police Dev Fee Fund

Project Start Date : 1/22/2009

Project Complete Date : 8/1/2009

Project Location : 14250 W. Statler Plaza

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$0
FFE	$801,800	**Other**	$230,000	***TOTAL COSTS***	**$1,031,800**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$286,000	$745,800	$0	$0	$0	$0	$0	$1,031,800

Project Description

Equipment, design and installation of police communication equipment needed to connect to the Regional Wireless Cooperative (RWC)for police communication and interoperability with other local law enforcement agencies.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$50,000
Total	$50,000

CAPITAL PROJECT DETAIL

PW - Project Management

City Hall Solar

Project Number : 21001

Council District : Palm

Funding Source : 21112 - General Fund

Project Start Date : 7/1/2009

Project Complete Date : 3/1/2010

Project Location : Surprise Center

Cost Detail

Land	$0	**Design Services**	$60,000	**Construction**	$742,000
FFE	$0	**Other**	$10,000	***TOTAL COSTS***	**$812,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$812,000	$0	$0	$0	$0	$0	$812,000

Project Description

The city has received an Energy Efficiency and Conservation Block Grant (EECBG) for the installation of Photovoltaics (PV) on top of the parking garage at new City Hall. The PVs will be constructed as part of vehicle shade structures. The energy generated from the PVs will be used to offset energy provided by the utility provider.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

PW - Project Management

Park and Ride

Project Number : 20909

Council District : To Be Determined

Funding Source : 21418 - Transportation Improvement Fund

Project Start Date : 9/1/2008

Project Complete Date : 10/30/2010

Project Location : To Be Determined

Cost Detail

Land	$1,492,600	**Design Services**	$422,700	**Construction**	$2,492,300
FFE	$0	**Other**	$93,100	***TOTAL COSTS***	**$4,500,700**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$1,848,400	$2,090,000	$562,300	$0	$0	$0	$0	$4,500,700

Project Description

Regional Transportation Plan (RTP) of Maricopa Association of Governments (MAG) has outlined that a regional park and ride facility shall be in Surprise to serve existing and future transit routes along Bell Road and Grand Avenue. This project consists of site selection, land purchase, design and construction of a park and ride facility consisting of between 300 and 600 parking spaces. Additional amenities may include passenger shelters, vertical shade screens, bicycle racks, and seating.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$122,800
Total	$122,800

CAPITAL PROJECT DETAIL

Streets-Operations

Street Preservation and Maintenance Program

Project Number : 29999

Council District : Citywide

Funding Source : 21212 - HURF

Project Start Date : 7/1/2006

Project Complete Date : 6/30/2014

Project Location : Citywide

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$25,124,800
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$25,124,800**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$16,500,000	$463,900	$1,495,000	$2,184,400	$2,846,800	$1,634,700	$0	$25,124,800

Project Description

Road preservation for all city streets including repair, crack sealing, fog seal with seal master, mill and overlay, and reconstruction. This project allocation is used to maintain roads at different levels of repair throughout the life of the road.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

Transportation - TE General

Roads of Regional Significance Reimbursements SPA 2, 4, 6

Project Number : 20813

Project Start Date : 7/1/2009

Council District : Acacia

Project Complete Date : 6/30/2014

Funding Source : 21411 - Roads of Regional SPA 2, 4, 6

Project Location : To Be Determined

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$3,640,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$3,640,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$1,723,600	$422,400	$471,500	$508,100	$514,400	$0	$3,640,000

Project Description

As part of the transportation development impact fee study, several roadway segments were submitted with cost estimates. This allows budget authorization to reimburse developer constructed development fee eligible projects in Special Planning Areas (SPA) 2, 4, and 6.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

Transportation - TE General

Bell Road Pavement

Project Number : 29999

Council District : Various

Funding Source : 21418 - Transportation Improvement Fund

Project Start Date : 5/1/2009

Project Complete Date : 12/30/2010

Project Location : Bell Road

Cost Detail

Land	$0	**Design Services**	$50,000	**Construction**	$12,450,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$12,500,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$7,500,000	$2,933,400	$2,066,600	$0	$0	$0	$0	$12,500,000

Project Description

Design and construction of pavement along Bell Road from Parkview Place to Beardsley Canal. The project includes rehabilitating the eastbound lane from Parkview Place to SR 303 in FY2010. The project also includes mill and overlay from SR 303 to Beardsley Canal in FY2011.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$492,400
Total	$492,400

CAPITAL PROJECT DETAIL

Transportation - TE General

Bullard Avenue (Bell Road to Paradise Lane)

Project Number : 20816

Project Start Date : 11/10/2007

Council District : Palm

Project Complete Date : 6/30/2010

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Bullard Avenue (Bell Road to Paradise Lane)

Cost Detail

Land	$0	**Design Services**	$130,000	**Construction**	$1,005,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$1,135,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$130,000	$1,005,000	$0	$0	$0	$0	$0	$1,135,000

Project Description

Construction of new pavement, sidewalk, bike lane, traffic signal improvement at Bell Road, curb, gutter, streetlights, turn lanes at every quarter mile, Intelligent Transportation System (ITS) conduits, and landscaping. This project will complete Bullard Avenue between Bell Road and Paradise Lane with two travel lanes each in north and south direction (a distance of approximately 2,100 feet).

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$21,700
Total	$21,700

CAPITAL PROJECT DETAIL

Transportation - TE General

Dysart Road and Thunderbird Intersection Improvements

Project Number : 20632

Project Start Date : 12/6/2006

Council District : Mulberry

Project Complete Date : 12/30/2010

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Thunderbird Avenue and Dysart Road

Cost Detail

Land	$0	**Design Services**	$60,000	**Construction**	$2,260,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$2,320,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$1,320,000	$1,000,000	$0	$0	$0	$0	$0	$2,320,000

Project Description

The project will be designed and constructed by the City of El Mirage. It is the construction of a two-lane signalized intersection. City of Surprise will share the cost with the City of El Mirage. The budgeted amount will be reimbursed by the City of Surprise as per an Intergovernmental Agreement.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

Transportation - TE General

Greenway Road (Litchfield Road to Bullard Avenue)

Project Number : 20815

Project Start Date : 11/10/2007

Council District : Palm

Project Complete Date : 12/1/2010

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Greenway Road (Litchfield Road to Bullard Avenue)

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$2,700,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$2,700,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$250,000	$1,050,000	$1,400,000	$0	$0	$0	$0	$2,700,000

Project Description

Construction of new pavement, sidewalk, bike lane, curb, gutter, streetlights, landscaping, and turn lanes at every quarter mile. The improvements will include roadway improvements to the northern half of Greenway Road from Litchfield Road to Bullard Avenue to match the existing improvements to the east and west. Additional improvements include drainage, 12 inch sewer line, 16 inch reclaimed waterline, and Intelligent Transportation System (ITS) conduit.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$53,300
Total	$53,300

CAPITAL PROJECT DETAIL

Transportation - TE General

Litchfield Road (Cactus Road to Desert Cove Road)

Project Number : To Be Determined

Project Start Date : 7/1/2012

Council District : Mesquite

Project Complete Date : 6/30/2014

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Litchfield Road (Cactus Road to Desert Cove Road)

Cost Detail

Land	$42,000	**Design Services**	$148,000	**Construction**	$2,202,000
FFE	$80,000	**Other**	$0	***TOTAL COSTS***	**$2,472,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$0	$148,000	$2,324,000	$0	$2,472,000

Project Description

Design and construction of new pavement, sidewalk, bike lane, curb, gutter, streetlights, turn lanes, Intelligent Transportation System (ITS) conduits, and landscaping. This project will complete Litchfield Road between Cactus and Desert Cove Road with two travel lanes in each north and south direction (a distance of approximately 0.5 mile).

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$84,200
Total	$84,200

CAPITAL PROJECT DETAIL

Transportation - TE General

Litchfield Road (Sweetwater Road to Cactus Road)

Project Number : To Be Determined

Project Start Date : 7/1/2011

Council District : Mesquite

Project Complete Date : 6/30/2014

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Litchfield Road (Sweetwater Road to Cactus Road)

Cost Detail

Land	$19,000	**Design Services**	$120,000	**Construction**	$2,050,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$2,189,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$120,000	$1,569,000	$500,000	$0	$2,189,000

Project Description

Design and construction of new pavement, sidewalk, bike lane, curb, gutter, streetlights, and landscaping. This project will complete Litchfield Road between Sweetwater Road and Cactus Road with two travel lanes each in north and south direction (a distance of approximately 0.5 mile). Recently the city of Surprise has improved the intersection of Litchfield and Cactus Road with a traffic signal and turn lanes. There is no drainage system on this section of Litchfield Road. Runoff flows to the pavement edge and either ponds just off of the edge of the pavement or flows into the adjacent farm fields. This project will also provide plans to improve the drainage.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$100,000
Total	$100,000

CAPITAL PROJECT DETAIL

Transportation - TE General

Litchfield Road (Waddell Road to Sweetwater Road)

Project Number : To Be Determined

Project Start Date : 7/1/2011

Council District : Mesquite

Project Complete Date : 6/30/2012

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Litchfield Road (Waddell Road to Sweetwater Road)

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$1,210,000
FFE	$105,000	**Other**	$0	***TOTAL COSTS***	**$1,315,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$1,315,000	$0	$0	$0	$1,315,000

Project Description

Construction of new pavement, sidewalk, bike lane, curb, gutter, streetlights, and landscaping. This project will complete Litchfield Road between Waddell Road and Sweetwater Road with two travel lanes in each north and south direction (a distance of approximately 0.5 mile). The design of the roadway has been completed by Marley Park. Construction of the minor urban arterial section is included as part of the construction of the Marley Park subdivision and the Surprise Pointe commercial complex. This project may not be necessary after Marley Park completes the west half of the roadway. Surprise Pointe has recently completed the east half of the roadway.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$25,000
Total	$25,000

CAPITAL PROJECT DETAIL

Transportation - TE General

Union Hills Drive Widening (111th Avenue to 115th Avenue)

Project Number : 20716

Project Start Date : 10/1/2008

Council District : Palo Verde

Project Complete Date : 6/1/2010

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Union Hills Drive (111th Avenue to 115 Avenue)

Cost Detail

Land	$0	**Design Services**	$116,600	**Construction**	$635,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$751,600**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$116,600	$635,000	$0	$0	$0	$0	$0	$751,600

Project Description

Design and construction of new pavement, curb, gutter, and bike lane to the north side of Union Hills Drive. This project will widen Union Hills Drive between 111th Avenue to 115th Avenue with one lane in each direction and a continuous center turn lane. The project will also add permanent pavement (south portion) to a section of roadway located from 115th Avenue to 1,500 feet east of 115th Avenue. This roadway is currently located within the county. The city of Surprise, city of Peoria, and Maricopa Department of Transportation (MCDOT) will be entering into an agreement to jointly fund the project. The city of Surprise has recently secured a grant of $100,000 from MCDOT for this project. The city of Peoria will be contributing approximately $150,000.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$20,300
Total	$20,300

CAPITAL PROJECT DETAIL

Transportation - TE General

Waddell Road (Litchfield Road to Bullard Avenue)

Project Number : To Be Determined

Project Start Date : 7/1/2012

Council District : Mesquite

Project Complete Date : 6/30/2013

Funding Source : 21418 - Transportation Improvement Fund

Project Location : Waddell Road (Litchfield Road to Bullard Avenue)

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$3,000,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$3,000,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$0	$3,000,000	$0	$0	$3,000,000

Project Description

Construction of new pavement, sidewalk, curb, gutter, bike lane, streetlights, and landscaping along the south side of Waddell Road. The north side of the road is already built out. This project will complete Waddell Road between Litchfield Road and Bullard Avenue with three travel lanes in each east and west direction (a distance of approximately one mile). The design of the roadway has been completed by Marley Park. Construction of the minor urban arterial section is included as part of the construction of the Marley Park subdivision. This project may not be necessary after Marley Park completes the south half.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$87,000
Total	$87,000

CAPITAL PROJECT DETAIL

Transportation - TE General

Roads of Regional Significance Reimbursements SPA 3, 5

Project Number : 20813

Council District : Various

Funding Source : 21419 - Roads of Regional SPA 3, 5

Project Start Date : 7/1/2009

Project Complete Date : 6/30/2014

Project Location : To Be Determined

Cost Detail

Land	$0	**Design Services**	$36,700	**Construction**	$2,932,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$2,968,700**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$1,036,700	$521,100	$310,000	$348,000	$373,300	$379,600	$0	$2,968,700

Project Description

As part of the transportation development impact fee study, several roadway segments were submitted with cost estimates. This allows budget authorization to reimburse developer constructed development fee eligible projects in Special Planning Areas (SPA) 3 and 5.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

Transportation - TE Signals

Traffic Signals

Project Number : 29999

Council District : Citywide

Funding Source : 21415 - PW Development Fee

Project Start Date : 7/1/2005

Project Complete Date : 6/30/2017

Project Location : Various

Cost Detail

Land	$0	**Design Services**	$102,700	**Construction**	$13,008,600
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$13,111,300**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$8,211,300	$0	$700,000	$700,000	$700,000	$700,000	$2,100,000	$13,111,300

Project Description

Design, purchase, construction, and installation of traffic signals at various intersection locations throughout Surprise. Budgeted $350,000 per intersection.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$2,900
Total	$2,900

CAPITAL PROJECT DETAIL

Water Services - Replenishment

SPA 1 Effluent Storage Reservoir Covers

Project Number : To Be Determined

Project Start Date : 7/1/2013

Council District : Mesquite

Project Complete Date : 6/30/2015

Funding Source : 22522 - Water Replenishment Development Fee SPA 1

Project Location : 136th Avenue and Cactus Road

Cost Detail

Land	$0	**Design Services**	$100,000	**Construction**	$1,000,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$1,100,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$0	$0	$100,000	$1,000,000	$1,100,000

Project Description

Design and construction of covers over the remaining lined reclaimed reservoir that is located at the SPA 1 South WRF (Water Reclamation Facility). Currently, the reclaimed reservoir is lined and uncovered, which presents the operation and maintenance challenges of maintaining the water quality.

Projected Annual Operating Costs	
Personnel	$1,100
Other Operating	$3,500
Total	$4,600

CAPITAL PROJECT DETAIL

Water Services - Replenishment

SPA 1 Groundwater Savings Facility Project

Project Number : 20415

Council District : Mesquite

Funding Source : 22522 - Water Replenishment Development Fee SPA 1

Project Start Date : 12/1/2008

Project Complete Date : 6/30/2010

Project Location : Litchfield Road and Cactus Road

Cost Detail

Land	$0	**Design Services**	$40,000	**Construction**	$565,000
FFE	$0	**Other**	$175,000	***TOTAL COSTS***	**$780,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$255,000	$525,000	$0	$0	$0	$0	$0	$780,000

Project Description

This project consists of the permitting for G-Farms and Santa Lucia Farms and design and construction to supply reclaimed water to Santa Lucia Farms. A feasibility study is underway which will recommend alternatives for supplying reclaimed water to Santa Lucia Farms. Currently, a 30 inch reclaimed line exists east of the railroad tracks along Peoria Avenue between Dysart Road and 136th Avenue. Using reclaimed water for agricultural purposes reduces the amount of groundwater usage. Obtaining groundwater savings permits allows the City to receive water usage credits. Permits are issued by Arizona Department of Water Resources.

Projected Annual Operating Costs	
Personnel	$1,100
Other Operating	$1,000
Total	$2,100

CAPITAL PROJECT DETAIL

Water Services - Replenishment

SPA 1 Installation of Recharge Wells @ South Plant

Project Number : 20234

Project Start Date : 7/1/2005

Council District : Mesquite

Project Complete Date : 6/30/2015

Funding Source : 22522 - Water Replenishment Development Fee SPA 1

Project Location : 136th Avenue and Cactus Road

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$10,030,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$10,030,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$4,030,000	$0	$0	$600,000	$600,000	$300,000	$4,500,000	$10,030,000

Project Description

Design, permit and construct 25 recharge wells at the South Water Reclamation Facility. Five scheduled in FY2009 and the remainder in FY2012-FY2015. Recharge wells are used for water conservation by pumping effluent water into the ground. After the recharge wells are permitted, water usage credits will be received from Arizona Department of Water Resources.

Projected Annual Operating Costs	
Personnel	$13,000
Other Operating	$52,700
Total	$65,700

CAPITAL PROJECT DETAIL

Water Services - Sewer Operations

SPA 2 163rd Avenue Sanitary Sewer Interceptor-Phase 1

Project Number : 20616

Council District : Acacia

Funding Source : 22531 - Sewer Operations

Project Start Date : 2/1/2009

Project Complete Date : 1/28/2011

Project Location : SPA 2 - 163rd Avenue

Cost Detail

Land	$0	**Design Services**	$100,000	**Construction**	$3,100,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$3,200,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$2,200,000	$1,000,000	$0	$0	$0	$0	$0	$3,200,000

Project Description

Design and build a two mile sewer line from the Desert Oasis Water Reclamation Facility (WRF) to the 2 MGD (million gallons per day) Regional WRF along Happy Valley Road between 163rd Avenue and 155th Avenue and along 155th Avenue to the Treatment Plant. When completed, this line will take all the Desert Oasis and Behr sewer down to the SPA (Special Planning Area) 2 regional plant. The city is working with a number of developers to create an agreement whereby the city will participate in the costs of the sewer interceptors. This project will be funded $2.2 million by the city or Surprise and $1.0 million by the developers.

Projected Annual Operating Costs	
Personnel	$1,100
Other Operating	$800
Total	$1,900

CAPITAL PROJECT DETAIL

Water Services - Sewer Operations

Sewer Development Reimbursements

Project Number : 20656 ***Project Start Date : 7/1/2006***

Council District : Various ***Project Complete Date : 6/30/2014***

Funding Source : 22532 - Sewer Development Fee SPA 1 ***Project Location : Various***

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$434,700
FFE	$0	**Other**	$2,213,800	***TOTAL COSTS***	**$2,648,500**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$2,298,500	$61,300	$61,300	$75,800	$75,800	$75,800	$0	$2,648,500

Project Description

Reimbursements to developers for development fee eligible projects.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

Water Services - Sewer Operations

SPA 3 North Operations Center

Project Number : To Be Determined

Project Start Date : 7/1/2013

Council District : Acacia

Project Complete Date : 12/1/2016

Funding Source : 22534 - Sewer Development Fee SPA 3

Project Location : 187th Avenue and Deer Valley Road

Cost Detail

Land	$0	**Design Services**	$360,000	**Construction**	$2,000,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$2,360,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$0	$0	$200,000	$2,160,000	$2,360,000

Project Description

Design and construction of a facility that will include plant operation, laboratory, administration, maintenance, collection, and water systems to more efficiently service the economic future of the city of Surprise and its customers. This facility will be located in Special Planning Area (SPA) 3.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$3,500
Total	$3,500

CAPITAL PROJECT DETAIL

Water Services - Water Operations

Arsenic Treatment

Project Number : 21002

Council District : To Be Determined

Funding Source : 22511 - Water Operations

Project Start Date : 10/1/2009

Project Complete Date : 6/30/2010

Project Location : To Be Determined

Cost Detail

Land	$0	**Design Services**	$500,000	**Construction**	$0
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$500,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$500,000	$0	$0	$0	$0	$0	$500,000

Project Description

This project provides spending authority for arsenic mitigation funded with awarded federal money. The city is reviewing needs and project schedules to determine the best use for this money. The city has completed arsenic treatment at the Ashton Ranch Water Supply Facility. Arsenic treatment is under construction at the Rancho Gabriela and Roseview Water Supply Facilities. Design is complete for arsenic treatment at Desert Oasis/Asante. Adding additional arsenic treatment capacity to the Rancho Gabriela Water Supply Facility to provide treatment for the existing Rancho Gabriela Wells is being considered.

Projected Annual Operating Costs	
Personnel	$7,500
Other Operating	$20,700
Total	$28,200

CAPITAL PROJECT DETAIL

Water Services - Water Operations

CAP Allocation

Project Number : 29999

Council District : Citywide

Funding Source : 22512 - Water Development Fee SPA 1

Project Start Date : 7/1/2006

Project Complete Date : 6/30/2017

Project Location : Citywide

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$0
FFE	$0	**Other**	$3,581,000	***TOTAL COSTS***	**$3,581,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$1,300,000	$576,000	$545,000	$545,000	$123,000	$123,000	$369,000	$3,581,000

Project Description

Annual repayment costs for the construction of the CAP (Central Arizona Project) canal. Payments are made to Central Arizona Water Conservation District (CAWCD).

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

CAPITAL PROJECT DETAIL

Water Services - Water Operations

SPA 1 Ashton Ranch Subdivision Well #2

Project Number : To Be Determined

Project Start Date : 7/1/2013

Council District : Mesquite

Project Complete Date : 6/30/2015

Funding Source : 22512 - Water Development Fee SPA 1

Project Location : Bullard Avenue - Ashton Ranch

Cost Detail

Land	$0	**Design Services**	$170,000	**Construction**	$1,700,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$1,870,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$0	$0	$90,000	$1,780,000	$1,870,000

Project Description

Design and construction of a 1,500 gpm (gallons per minute) well and well site. Project includes drilling, equipping, and construction.

Projected Annual Operating Costs	
Personnel	$20,800
Other Operating	$228,100
Total	$248,900

CAPITAL PROJECT DETAIL

Water Services - Water Operations

SPA 1 Mountain Gate/Kenly Well

Project Number : To Be Determined

Project Start Date : 7/1/2013

Council District : Mesquite

Project Complete Date : 6/30/2015

Funding Source : 22512 - Water Development Fee SPA 1

Project Location : Mountain Gate Subdivision

Cost Detail

Land	$0	**Design Services**	$170,000	**Construction**	$1,700,000
FFE	$0	**Other**	$0	***TOTAL COSTS***	**$1,870,000**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$0	$0	$0	$0	$0	$90,000	$1,780,000	$1,870,000

Project Description

Design and construction of a 1,500 gpm (gallons per minute) well and well site. Construction to include drilling, equipping, and construction.

Projected Annual Operating Costs	
Personnel	$20,800
Other Operating	$228,100
Total	$248,900

CAPITAL PROJECT DETAIL

Water Services - Water Operations

Water Development Reimbursement

Project Number : 20655

Project Start Date : 7/1/2005

Council District : Various

Project Complete Date : 6/30/2013

Funding Source : 22512 - Water Development Fee SPA 1

Project Location : Various

Cost Detail

Land	$0	**Design Services**	$0	**Construction**	$8,602,300
FFE	$0	**Other**	$5,753,800	***TOTAL COSTS***	**$14,356,100**

Prior FYs	FY 10	FY 11	FY 12	FY13	FY 14	FY 15-19	Total
$12,034,800	$1,816,700	$13,200	$63,100	$428,300	$0	$0	$14,356,100

Project Description

Reimbursements to developers for development fee eligible projects such as wells, water supply facilities, well sites, water treatment, and oversize of distribution system.

Projected Annual Operating Costs	
Personnel	$0
Other Operating	$0
Total	$0

City of Surprise, Arizona

SURPRISE

ARIZONA

Capital Improvement Plan FY2010

Capital Improvement Plan
Acronyms

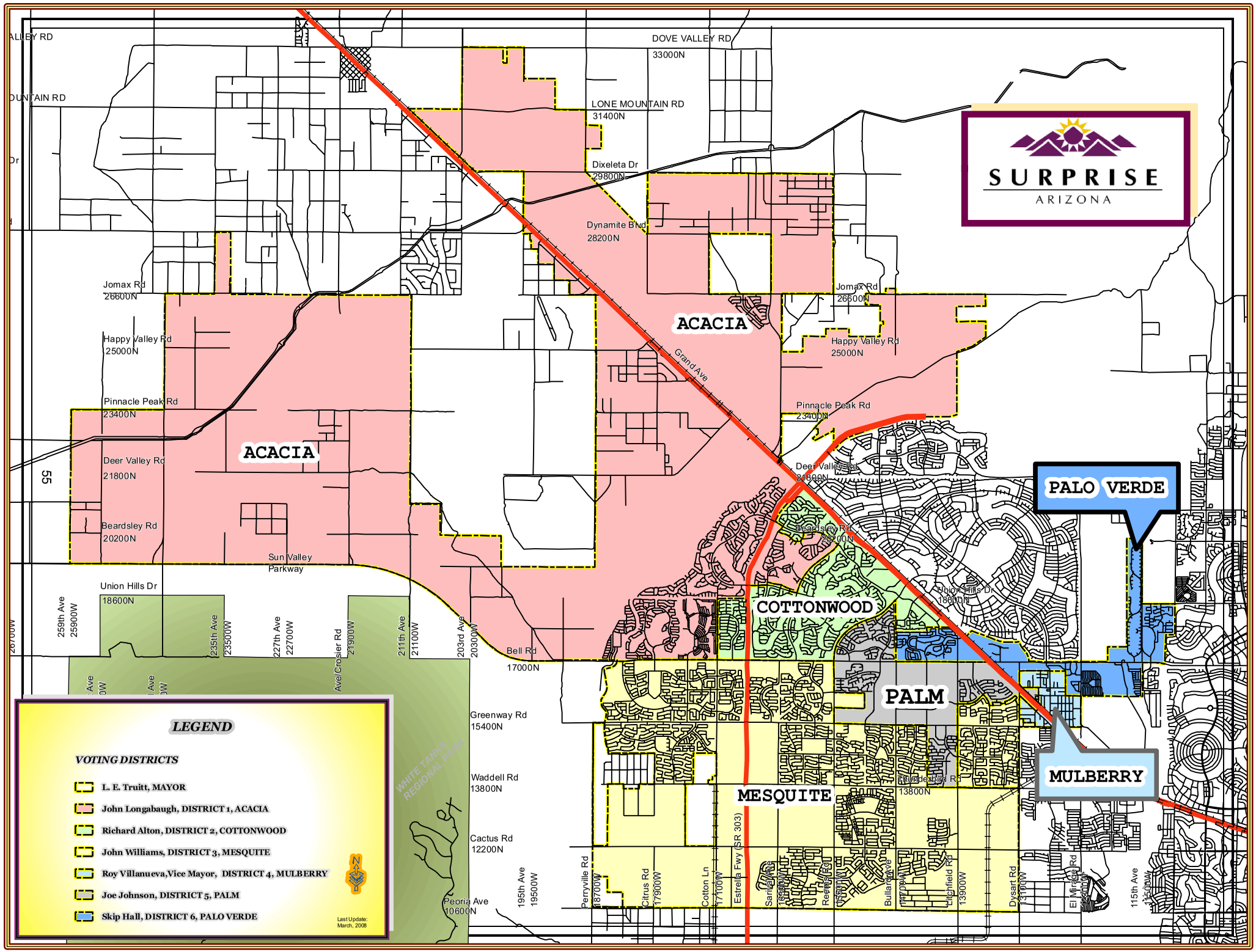
ADOT	Arizona Department of Transportation
CAP	Central Arizona Project
CAWCD	Central Arizona Water Conservation District
CIP	Capital Improvement Plan
EECBG	Energy Efficiency and Conservation Block Grant
FFE	Furniture, Fixtures, and Equipment
G.O. Bond	General Obligation Bond
GPM	Gallons per Minute
HURF	Highway User Revenue Fund
ITS	Intelligent Transportation System
MAG	Maricopa Association of Governments
MCDOT	Maricopa County Department of Transportation
MGD	Million Gallons per Day
PV	Photovoltaic
PW	Public Works
RTP	Regional Transportation Plan
RWC	Regional Wireless Cooperative
SPA	Special Planning Area
SR	State Route
TE	Traffic Engineering
WRF	Water Reclamation Facility

City of Surprise, Arizona

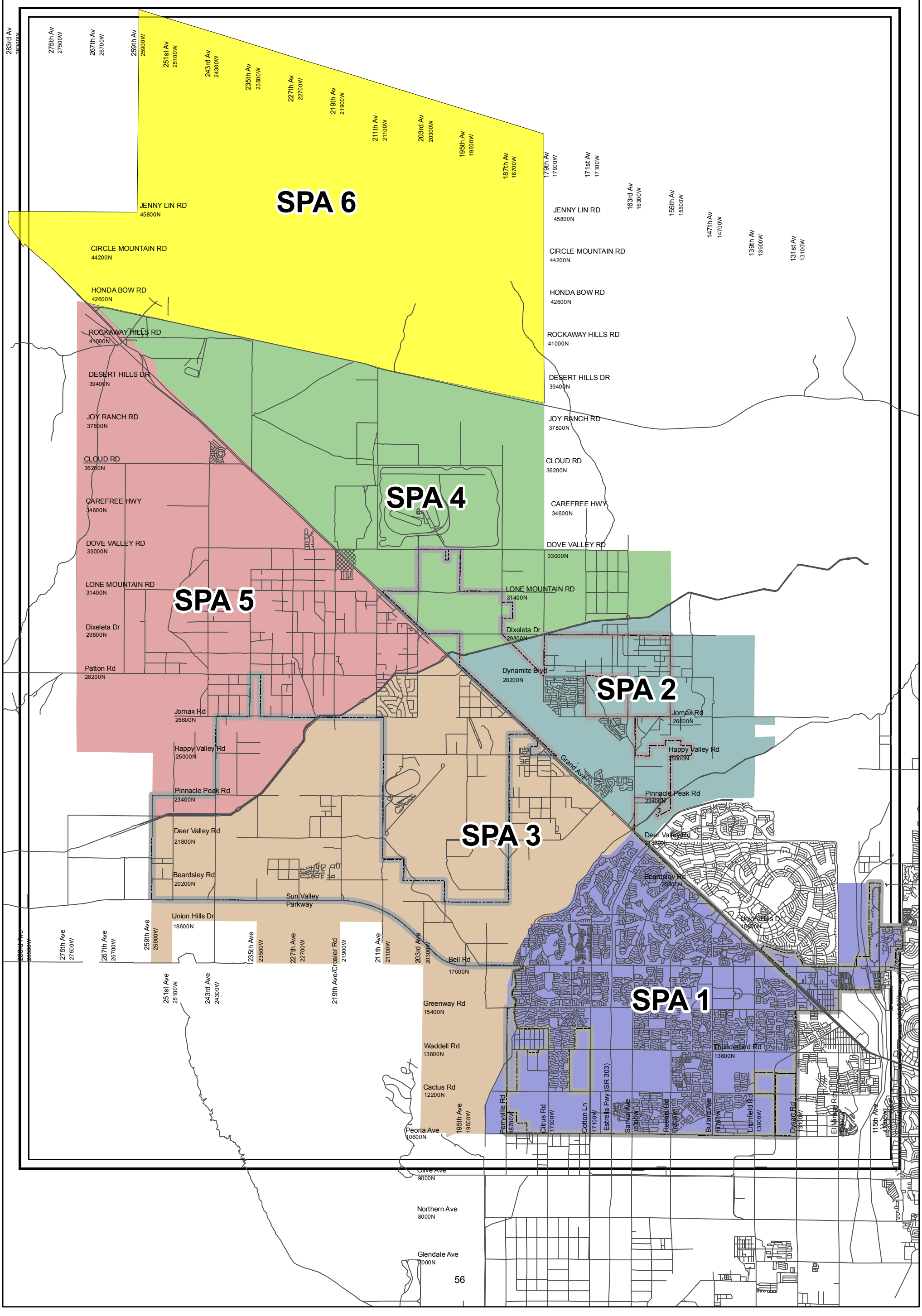
SURPRISE

ARIZONA

Capital Improvement Plan FY2010


SURPRISE
ARIZONA
ACACIA
ACACIA
COTTONWOOD
PALM
MESQUITE
PALO VERDE
MULBERRY
DOVE VALLEY RD
33000N
LONE MOUNTAIN RD
31400N
Dixeleta Dr
29800N
Dynamite Blvd
28200N
Jomax Rd
26600N
Happy Valley Rd
25000N
Pinnacle Peak Rd
23400N
Deer Valley Rd
21800N
Beardsley Rd
20200N
Sun Valley Parkway
Union Hills Dr
18600N
Bell Rd
17000N
Greenway Rd
15400N
Waddell Rd
13800N
Cactus Rd
12200N
Peoria Ave
10600N
Grand Ave
55
259th Ave
25900W
235th Ave
23500W
227th Ave
22700W
211th Ave
21100W
203rd Ave
20300W
195th Ave
19500W
Perryville Rd
18700W
Citrus Rd
17900W
Cotton Ln
17100W
Estrella Fwy (SR 303)
Bullard Ave
Litchfield Rd
13900W
Dysart Rd
13100W
El Mirage Rd
115th Ave
WHITE TANKS REGIONAL PARK
LEGEND
VOTING DISTRICTS
L. E. Truitt, MAYOR
John Longabaugh, DISTRICT 1, ACACIA
Richard Alton, DISTRICT 2, COTTONWOOD
John Williams, DISTRICT 3, MESQUITE
Roy Villanueva,Vice Mayor, DISTRICT 4, MULBERRY
Joe Johnson, DISTRICT 5, PALM
Skip Hall, DISTRICT 6, PALO VERDE
Last Update:
March, 2008

Special Planning Area Map



CAPITAL IMPROVEMENT PLAN

Fiscal Year 2010-2014

SURPRISE
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