



City of
EL MIRAGE

Arizona

GRAND HERITAGE, BRIGHT FUTURE!

*Fiscal Years
2019 – 2026*

Capital Improvements Plan

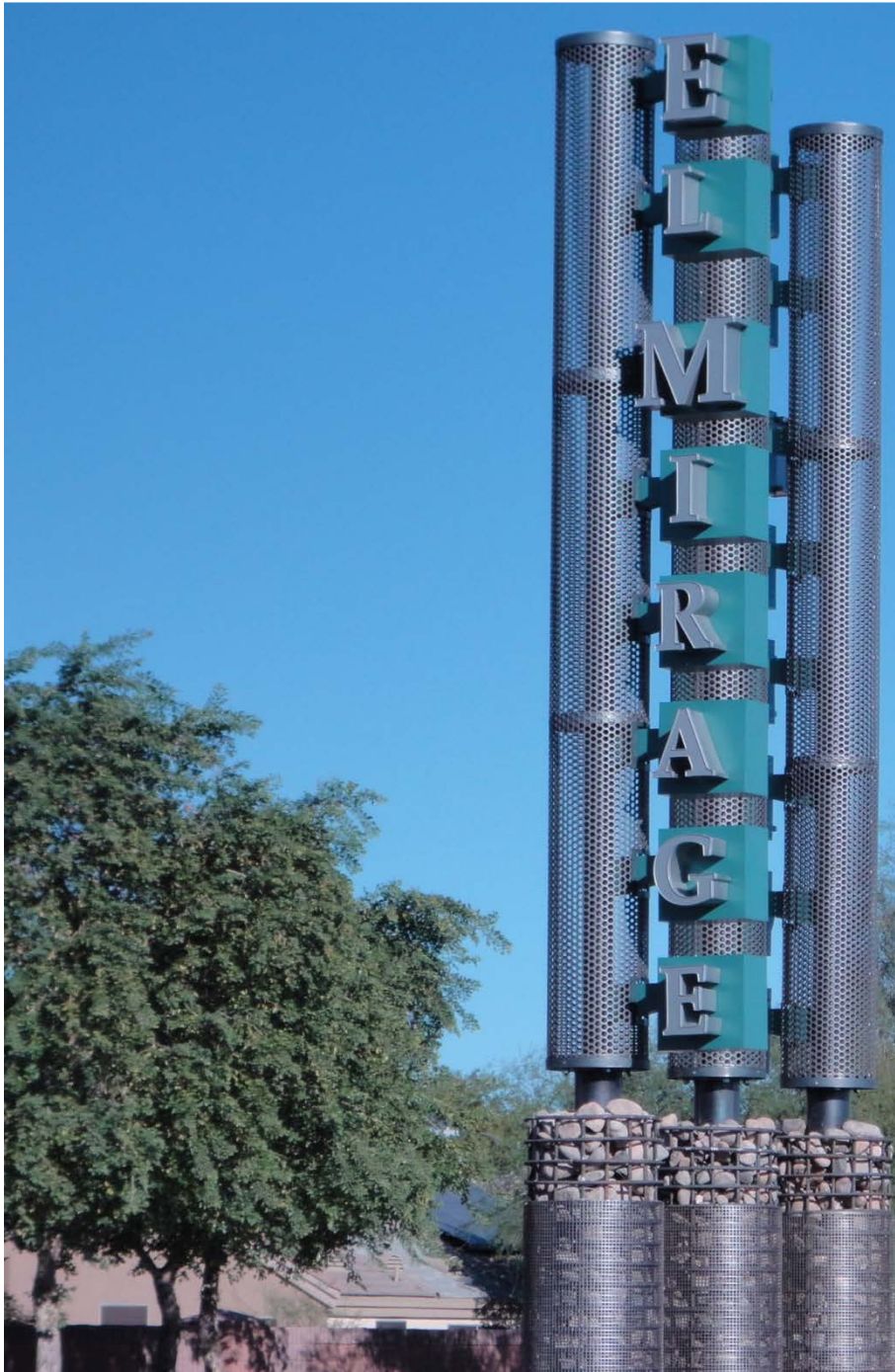


Table of Contents

<i>Community Profile</i>	1
<i>Factors Affecting Economic Condition</i>	5
<i>List of Elected Officials</i>	9
<i>List of Appointed Officials</i>	12
<i>Evaluation Criteria</i>	13
<i>Capital Project Definition</i>	14
<i>Needs Assessment</i>	15
<i>Financial Analysis</i>	15
<i>Funding Options</i>	16
<i>Current Revenue Trends</i>	17
<i>Bonding Capacity</i>	18
<i>Plan Implementation</i>	19
<i>Summary and Detail Sheets</i>	19
<i>Plan Financial Assumptions</i>	20
<i>Revenue Estimates and Fund Balance Summary</i>	21
<i>Citywide Totals</i>	24
<i>Capital Improvements Plan Summary</i>	26
<i>Capital Improvements Plan Detail</i>	30
<i>Glossary</i>	95



City of
EL MIRAGE

Arizona

GRAND HERITAGE, BRIGHT FUTURE!

Team Members

Lana Mook

Bob Jones

Roy Delgado

Anita Norton

Jack Palladino

Lynn Selby

David Shapera

Mayor

Vice Mayor

Councilmember

Councilmember

Councilmember

Councilmember

Councilmember

J. Crystal Dyches

City Manager

Robert A. Nilles

**Deputy City Manager/
Finance Director**

Christy Eusebio

Assistant Finance Director

Department Heads

Resolution R-18-06-10 submitted for Council approval June 5th, 2018

El Mirage Community Profile

Background, Population, and Business. Considered the gateway to the Northwest Valley of the Greater Phoenix Metro Area, El Mirage is situated on approximately 10 square miles. The Hohokam, an ancient Native American culture, were the earliest inhabitants of what is known today as El Mirage. The Hohokam occupied a wide area of south-central Arizona from roughly Flagstaff south to the Mexican border. They are thought to have originally migrated north out of Mexico around 300 BC to become the most skillful irrigation farmers in the Southwest. The ingenious Hohokam developed an elaborate irrigation network using only stone instruments and organized labor. They were commonly known as the “Canal Builders.”

In 1867, most of the Hohokam canals were retrenched and used for farming. Federal irrigation projects constructed in the 20th century provided a more consistent and assured water supply throughout the Phoenix valley for agriculture.

During the early 1930’s, migrant farm workers came to El Mirage to help build the canals and harvest the acres of roses, cotton, and other crops that would come to define the City’s agricultural heritage. They settled on the west bank of the Agua Fria River and founded El Mirage in 1937 to provide stability and education for future generations. El Mirage was incorporated in 1951. At the time of incorporation, the City was primarily a compact residential community.



Since its incorporation, the City has transcended its agricultural beginnings to become a vibrant, diverse community with a current population of 35,216 according to the 2017 census estimates. El Mirage has active residents keen on providing schools and amenities and attracting businesses while retaining a community spirit. The City’s affordable housing, small town feel, and proximity to Phoenix have attracted young working families seeking their first homes, retirees looking for community cohesion and a less hurried pace, and entrepreneurs seeking expansion into new markets.

The City’s mission is to offer exemplary service to all who live, work, and visit El Mirage. We take great pride in treating each citizen equally and professionally, in a manner that fosters continued confidence in the City’s leadership.



The City’s logo symbolizes the Agua Fria River, as well as the rich soil and distant mountains that drew so many here long ago. Its words are simple, alluding to the “**Grand Heritage**” rooted in humble migrant beginnings, and the promise of a “**Bright Future**” that is the foundation on which El Mirage continues to distinguish itself as a livable, affordable city for all ages.

Location

El Mirage is located in the heart of the rapidly growing West Valley, approximately 19 miles northwest of downtown Phoenix. The City is minutes away from Luke Air Force Base, the USAF's largest fighter pilot training facility in the world and the City of El Mirage proudly supports the men and women of Luke Air Force Base and their mission. U.S. Highway 60 (Grand Avenue) and a BNSF rail line border the City's northern edge, supporting economic development and easy access to Loop 101 and 303, two of the areas busiest regional highways.

El Mirage is part of a collaborative effort to build the Northern Parkway transportation corridor. This project will provide access to the Loop 303, connecting to Interstate 10 and Interstate 17.



Economy

El Mirage has adopted initiatives to attract new commercial and industrial businesses to the City. Impact fees normally charged for infrastructure expansion have been eliminated and El Mirage is part of a multi-jurisdictional effort in the West Valley known as the Greater Maricopa Foreign

Trade Zone (FTZ). The FTZ is a government designated, 400-acre site at the City's southern end where foreign and domestic goods may be stored, assembled, or exhibited for sale exempted from U.S. Customs duties and excise taxes. The FTZ is an integral part of future business development. Retail expansion in El Mirage is also a significant economic driver due to its potential for generating tax revenues, creating jobs, and drawing new visitors and residents. In recent years, several companies have expanded or located in El Mirage including, Look Trailer, EPCOR, Interstate Steel, Southwest Steel, Phoenix Door, and Sunbelt Rentals.



Public safety and recreation have been the focus of voter-approved bonds in recent years. As a result, a new fire station, new police station, Northwest Valley Family YMCA facility, and a new City Hall, are among the City's most ambitious projects to address the significant community needs spurred by the influx of new residents and businesses. In fact, the City's population grew from 5,001 residents in 1990 to 31,767 residents in 2010 according to the U.S. Census Bureau. It is anticipated the City will continue to experience growth in the next decade, and City leaders are committed to keeping pace with such growth through fiscal stewardship and sound financial management.

The City of El Mirage is home to a variety of employers. Burlington Northern Santa Fe Railroad operates an 82-acre vehicle distribution center in El Mirage. Vulcan Materials Group, Look Trailers, Sutter Masonry, Cemex, and Contech Engineered Solutions provide the City with a sound industrial base. Luke Air Force Base, located one mile west of El Mirage, is the largest jet fighter training base in the world and employs over 1,500 civilians, many of whom are El Mirage residents. A recent survey of local businesses revealed the following list as the top 20 employers in the City of El Mirage.

Employer Name	Employees
Walmart	242
City of El Mirage	193
DVC Construction Company Inc	160
Dysart High School	141
Parks Sons Of Sun City Inc	134
BNSF Railway Co	121
Somerset Landscape	110
Sutter Masonry Inc	100
Look Trailers	95
El Mirage Elementary School	90
Top Line Construction Inc	90
Dysart Unified School District	79
Riverview Elementary	75
Dysart Elementary	74
Thompson Ranch Elementary	73
Surprise Elementary	70
Food City	65
Sun City Awning	54
Kevens Landscaping Co	50
Vinco Inc	50

History

The City of El Mirage offers a range of community facilities including a senior center, library, and YMCA. Thirteen-acre Gateway Park is the center for sports and family gatherings in El



Mirage, with an amphitheater, picnic armadas, shaded playgrounds, lighted sports fields, and a skate plaza that was the first of its kind in Arizona. El Mirage is also home to Bill Gentry Park, including a renovated little league field that draws teams from throughout the Valley for regular play, as well as regional tournaments. Basin Park is a 24-acre park and retention basin that boasts grassy areas, trees, and a paved walking path for passive recreational activities.

The nationally renowned Pueblo El Mirage Golf Resort, situated on 310 acres, boasts an 18-hole professional golf course and a variety of housing choices, as well as a host of indoor and outdoor activities for active seniors.

The City Council has been a strong proponent of community special events such as holiday festivals, car shows, and carnivals. By all accounts, residents and others attending the various events are very appreciative of these opportunities to spend fun, quality time with their families and neighbors. El Mirage special events also offer strong support for education, sports, and human services partnerships essential to new business attraction and population growth.



Governing Structure. Like most Arizona cities and towns, El Mirage operates under a council-manager form of government. Under this system, the City Council hires a City Manager to implement policy, as well as oversee the daily administration and management of all city departments. The City Manager is responsible for developing a balanced budget and a capital improvement plan for Council review and approval each year. The City Manager also keeps the Council advised of the City's financial condition and future needs. As City Manager, Crystal Dyches is responsible for the activities of seven city departments and more than 190 employees. She also oversees a \$70 million budget to provide services for the City's residents. Policymaking and legislative authority are vested in a governing council consisting of the Mayor and six councilors (One is selected as Vice-Mayor.). All seven members of the Council are elected at large and on a non-partisan basis to serve a four-year term. Elections are staggered so three councilors are elected every two years and the Mayor is elected every four years. The Council is responsible for passing ordinances, adopting the budget, appointing committees, and selecting the City Clerk, City Attorney, and Judge in addition to the City Manager.

Types and Levels of Services. The City of El Mirage provides a full range of services including police and fire protection, roadway maintenance and construction, recreational and cultural activities, health and social services, as well as general administrative services. The City provides sewer and water services to its residents, along with water services to residents in a portion of the City of Surprise. El Mirage contracts with a local sanitation company for sanitary services. Enterprise funds were established for the accounting and financial reporting of water, sewer, and sanitation services.

Budget Process and Legal Level of Control. The annual expenditure budget serves as the foundation for city financial planning and control. The objective of these budgetary controls is to ensure compliance with legal provisions embodied in the annual expenditure budget approved by the City Council. All City departments are required to submit requests for appropriations during the budget process. The City Manager and Finance Department use these requests plus the prior year's operating budget as the starting point for assembling a proposed budget for Council consideration. The Council holds a workshop to discuss the proposed budget where presentations are made to the Council on revenues, expenditures, capital, staffing, and taxes. Public hearings are then held on both the budget and proposed property levies. Both the budget

and the tax levy are approved by the Council in June or July each year. Maricopa County is required to set the appropriate tax rate to collect the levy that the Council sets. The county sets the rate on the third Monday in August. The budget schedules provided by the state are adopted at both the fund and department levels, which are the legal levels of control for the state.



Factors Affecting Economic Conditions

Local Economy. The economic goal is to create a community that provides our residents the opportunity to purchase any good or service they desire without having to leave our City limits. El Mirage is approaching residential build out and subsequently has turned its focus toward retail and industrial growth resulting in the opening and expansion of a number of businesses within the City in recent years. In addition, the number of companies operating in El Mirage currently



stands at 1671 according to the 2012 Survey of Business Owners. The historic recession and weaker than expected recovery have made significant commercial growth challenging, resulting in an overreliance on state shared revenues. State shared revenues are distributions of sales, income, vehicle, and gasoline taxes based on a statewide formula that was implemented as a result of limitations placed on the ability of cities and towns to collect local revenues.

Long-term Water Solution. City leaders' decisions made decades ago to forego applying for Central Arizona Project water allocations resulted in unavoidable water rate increases. Beginning in 2014- 2015, however, water rates began stabilizing and are expected to remain stable for the next few years. A series of historic steps are responsible for the City's resolution of water supply issues. The Arizona Department of Water Resources (ADWR) recommended El Mirage for a CAP allocation in January 2014, and in the fall of 2014 the City was able to purchase groundwater rights given up or "extinguished" by previous owners, which offsets the City's groundwater use and assures its water supply for decades.

Long-term Financial Planning. In 2011, the Council adopted the City's first-ever, five-year Capital Improvements Plan (CIP). The CIP was based in part on a series of goals adopted by the Council. The Council goals and the CIP are intended to make the City more attractive to commercial development. As part of the CIP, the City developed a five-year financial projection. The CIP is revised each year, based on Council goals and expansion or reduction of the City's commercial base.



The presence of Luke Air Force Base provides a significant employment and economic engine for the community. However, Luke's presence has placed significant land use restrictions on large tracks of City property. Although such property is primarily zoned 'agricultural' at present, the City and the primary property owner have plans to convert this property for commercial and industrial uses. Conceivably, the development of the approximately 1,400 acre rail served property known as Center Point Logistics Park may take years to complete because of the sheer size of the project. In addition to Center Point Logistics Park, the City will concentrate on a number of infill properties ranging in size from a few acres to more than 80 acres for continued business growth.

Given economic fluctuations at the local, state, and national levels, the City Council and administration recognize the need to assure reserves are available for future revenue shortfalls. Therefore, the budget reflects a minimum General Fund reserve of \$6 million. The Council approved a utility rate study in 2011 that recommended reserves for each of the three utilities ranging from one to three months. The reserves are not budgeted. The reserves are only intended to offset shortfalls in revenue collections, not as an opportunity to increase expenditures. By resolution, the Council also directed that all primary property taxes would be restricted to uses in support of police and fire operations. Through a similar resolution, the Council directed that excess funds collected from photo enforcement must be dedicated to public safety and Northern Parkway construction.

Relevant Financial Policies. In June 2012, the Council adopted a series of annually updated comprehensive financial management policies designed to maintain a financially viable city government that provides an adequate level of services, programs, and activities that add value and contribute to the City's mission, while providing financial flexibility to adapt to local, regional, and national economic changes.

Policies directly related to the construction of the annual Capital Improvements Plan are provided below.

- The Finance Director will annually coordinate with the City Engineer and Public Works Director to submit a Capital Improvements Plan for review by the City Manager, then Council.
- The Capital Improvements Plan shall include the following:
 - A statement of the objectives of the Capital Improvements Plan

- An estimate of each project's/acquisition's useful life
 - An estimate of each project's/acquisition's capital costs
 - An estimate of each project's/acquisition's annual operating costs
 - An evaluation of potential funding sources for each project/acquisition
 - A schedule for each project/acquisition.
- The current year of the Capital Improvements Plan will provide the basis for the capital budget.
 - When current revenues or resources are available for projects/acquisitions, the City will first consider those projects/acquisitions with the shortest useful life and/or those projects/acquisitions which are difficult to finance with debt.
 - The City may not proceed with construction or acquisition until funding sources have been identified to finance a project.
 - At the end of the fiscal year in which a project is completed or acquired, any remaining funds will revert to the fund balance of the funding source.
 - The City may rely on grants to leverage City funds. The City shall avoid inconsistent and/or fluctuating grants to fund ongoing activities. In the event of reduced grant funding, the City may substitute City resources only after all other priorities and alternatives are considered. Therefore, employees shall apply for grants that are consistent with the mission and priorities of the City.
 - When employees apply for, accept, and/or administer a grant, the City assumes responsibility for complying with the grant obligations. The City Manager shall establish policies for grant related projects.
 - Whenever possible, the City shall consider grant funded projects which require City matching or operating funds as part of the budget process. Any grant funded expenditure should include a five year analysis of the amount of City funds required to subsidize its operation.

In addition to adopted policies, the City has a number of administrative procedures that may help users better understand the financial framework of the CIP. The relevant procedures are identified in the following bullets:

- The City shall maintain a prudent level of financial resources to protect against reducing service levels, incurring debt, or raising taxes and fees because of unexpected revenue shortfalls, unanticipated expenditures, and similar circumstances.
- The Finance Director shall annually prepare five-year revenue and expenditure forecasts to examine the City's ability to absorb operating costs due to changes in the economy, service demands, service levels, and capital improvements.
- The City shall fund current year capital projects with bonds, grants, or funds accumulated (fund balances) prior to incurring capital expenditures.
- The City shall practice conservatism in budgeting for both revenues and expenditures to ensure the City can meet its ongoing obligations. The City shall not budget excess funds collected (fund balance) for ongoing expenditures.

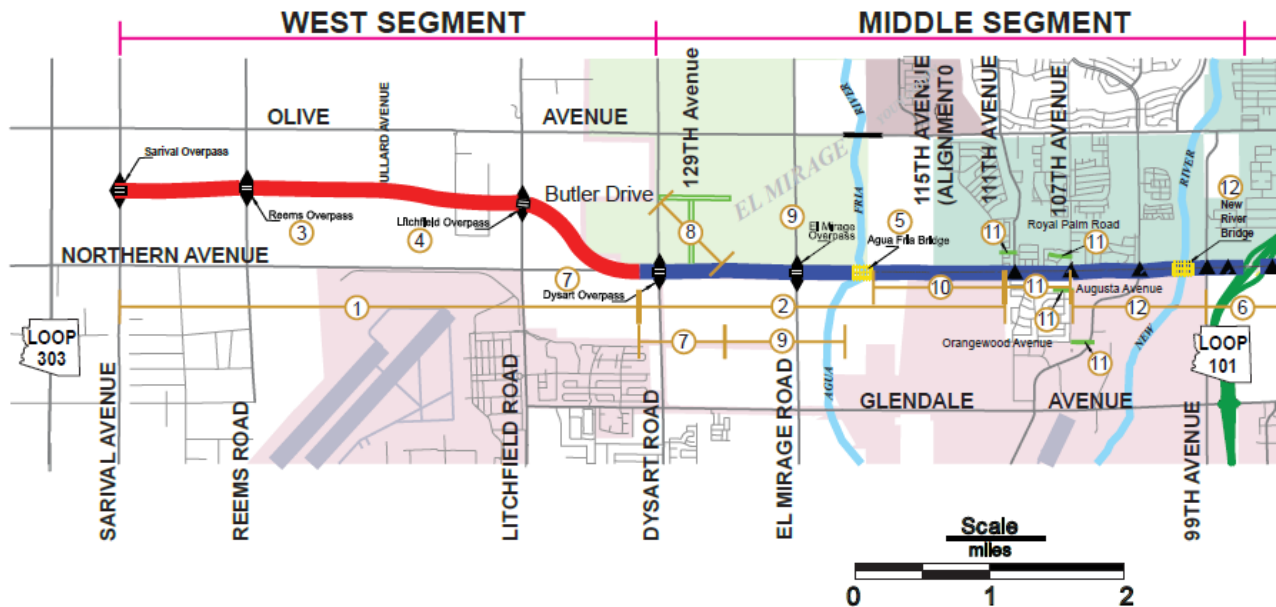
Major Initiatives. The City has two major capital initiatives either started or planned that will have significant future impact on the quality of life for its citizens, while expanding infrastructure and increasing the resources available for economic development.

Dysart Road Expansion -

The City is partnering with the Maricopa Association of Governments (MAG) to widen and reconstruct Dysart Road from Northern Avenue to Peoria Avenue to four lanes. The City previously issued bonds to pay for El Mirage Road improvements. The City will use reimbursements from that project to cash flow this expansion rather than repaying the total amount borrowed early. MAG will provide 70% funding up to approximately \$7.8 million.



Northern Parkway – Northern Avenue is to be widened into an expressway/parkway configuration. The reconfigured Northern Parkway is designed to be a road of regional significance. Sections of the Northern Parkway project are either currently under construction or are already completed. The El Mirage portion of this regional project is slated to begin in 2018. Costs including a design concept report, design, right-of-way acquisition, and construction will be shared among project partners El Mirage, Glendale, Peoria, Maricopa County and Maricopa Association of Governments.



List of Elected City Officials



Mayor Lana Mook

Mayor Lana Mook has called Arizona home for more than 30 years. After retiring from approximately three decades in management, training and patient relations in the health care industry, Mook devoted much of her time to volunteering in El Mirage. With a number of other community volunteers, she co-founded the People of El Mirage (POEM), a civic-based community organization focused on helping those in need, as well as informing the public on local issues.

In 2010, Mook was elected Mayor of the City of El Mirage. She currently serves on the Boards of both Greater Phoenix Economic Council (GPEC) and Western Maricopa Coalition (Westmarc). She also serves on the Executive Committee of the Arizona League of Cities and Towns and as Chair of the League Resolution Subcommittee on General Administration, Human Resources and Elections Policy Committee. Mayor Mook is also Treasurer on the Executive Committee of the Maricopa Association of Governments (MAG) and was nominated to serve as the Vice Chair of MAG for FY 2018-2019. Confirmation of the MAG Vice Chair appointment is anticipated at the June 27, 2018, MAG Regional Council meeting.

Mayor Mook has provided many years of service to a number of organizations including the Phoenix Suns Charities, the Girl Scouts of America, the U.S. Forest Service (Smokey Bear and Woodsy Owl Fire Prevention Programs), and is a past Vice-President of the Greater Phoenix American Bowling Association.



Vice Mayor Bob Jones

Vice Mayor Robert (Bob) Jones has called Arizona home for over 50 years, and has been a proud El Mirage resident since 2002. Councilman Jones has a diverse business background which includes years of experience in retail management, sales and distribution, and customer service in both large corporate environments, and as a small business entrepreneur. Later in his career, he followed his heart and entered the world of education, spending years as an elementary school teacher until he retired in 2005. Since that time, Jones has focused his time and energy in the El Mirage community.

Jones acted as an advocate for children in El Mirage, working on the task force to add Riverview Elementary School as an El Mirage addition to the Dysart Unified School District. He acquired a charter and introduced a Cub Scout program to El Mirage, serving as a Cub Master. He has

also served as a member of the Dysart Community Center's Board of Directors. Jones is a member of the Cactus Park Homeowners' Association, and has served as HOA President since 2010. As president, he collaborated with other HOA's and El Mirage City leaders on community affairs. In 2010, he received the Resident of the Year – El Mirage award from the Surprise Regional Chamber of Commerce. He was appointed to the El Mirage Planning and Zoning Committee in 2007 and again in 2012, and has served as a committee chairman. He left the P & Z Committee to complete a successful run for City Council in 2014.

Bob has six children and nine grandchildren. He has been married to his wife, Cathy for over 19 years.



Councilman Roy Delgado

Roy Delgado was raised in New Mexico by a single Mom who taught him the importance of hard work and helping others. He is the oldest of 6 children. Roy joined the Military (US Army) and served his country for 21 years. He is the proud father of 1 son, 4 grandchildren and 3 great grandchildren.

As a young man with a family, he moved to Northern California where he worked in the oil industry for Union Oil. That job brought him to Arizona where he eventually met and married his wife Suzie.

Roy's first experience with politics was in the late 1970's when he became involved with Labor Leader and Farm Worker Advocate Cesar Chavez's fight to improve the treatment of farm workers.

The Delgado's moved to El Mirage in 1997. They were looking for property with acreage in order to have their horse on site. Shortly after settling in, Roy was approached about serving his community by running for El Mirage City Council. Roy was selected to serve as El Mirage's Mayor for a short time. He has had the pleasure to sit on the El Mirage City Council for 16 years. Roy has served on several civic boards/committees, including the CDAC committee, which has brought in millions of Federal dollars for City improvements.



Councilman Anita Norton

Council member Anita Norton has resided in Arizona most of her life and has a background in sales management and law enforcement. Council member Norton was appointed to the City Council in November of 2017 to fill a vacancy. Council member Norton serves on the Council's Public Safety Committee, the Employee Relations Committee, the Chamber of Commerce Committee, and was recently recommended for appointment as an alternate to the Community Development Advisory Committee of Maricopa County Human Services Division.

While serving with the Phoenix Police Department, Anita received recognition for her investigative ability and a commendation for composure in particularly high stress situations. Her confidence, fearlessness, and thoroughness resulted in a high number of solved cases, including one which culminated in several arrests after a non-stop 46 hour

investigation led solely by Anita. After leaving law enforcement, Anita later received a full honor's scholarship to college majoring in communications. However, after attending for two years, life's circumstances changed her path, wherein she went into retail sales management.

For the last 15 years, Anita has had a positive impact on the lives of hundreds of students and their families as a certified therapeutic riding instructor for children and adults with special needs, as well as for riders learning western horsemanship.

Anita first moved to El Mirage in 2004 and bought property in Dysart Ranchettes in 2014. In 2016, she built an energy efficient home acting as the builder/contractor. Anita also served on the Dysart Ranchettes Irrigation committee designated to work with the City to resolve irrigation issues.



Councilman Jack Palladino

Born and raised in Massachusetts, Councilman Jack Palladino's commitment to community began over 50 years ago with his service as a medic in the United States Army. After he married his sweetheart, Michele, he went to work for the U.S. Post Office as a letter carrier. Over the course of more than 30 years, Palladino's hard work and perseverance were recognized and he was promoted to management in a U.S.P.S. Boston facility. During this time, he also volunteered as a Little League coach and served with the Knights of Columbus. Shortly after retiring in 2003, and working as a realtor in Mass. and NH, Palladino and his wife moved to Arizona where he worked part time for Pueblo post office. The Palladino's have one son, a 13 year-old grandson, and a 7 year-old granddaughter who also live in the West Valley. The couple has been married for 49 years. After attending numerous local City Council meetings and volunteering in the community, Palladino decided to run for El Mirage City Council and was elected in 2010.



Councilman Lynn Selby

Born and raised in Los Angeles, California, Councilman Lynn Selby has a business background spanning more than 30 years. He has managed cash flow and inventories, developed yearly budgets, and managed personnel. Selby and his wife, Danielle retired to El Mirage and began attending City Council meetings regularly and volunteering in the community. In attending the Council meetings, Selby became interested in the workings of the City and wanted to give something back to the community he loves and calls home.

Selby was elected to the City Council in August 2010 and was re-elected to another four year term in 2016. He served in the U.S. Navy and now volunteers his time as a representative of Operation Lifesaver throughout the State of Arizona, presenting railroad safety programs to government agencies and local organizations. He has also volunteered on several committees including past chairman of the City's Community Uplift Program. He is a past chair of Valley Metro (Regional Public Transit

Agency) and a past board member of the Maricopa Association of Governments (MAG) Domestic Violence Committee. Councilman Selby also helps the El Mirage Fire Department distribute and install free smoke detectors. The Selbys have been married for 56 years and have three daughters and four grandchildren.



Councilman David Shapera

Councilman David M. Shapera, re-elected to a third four-year term on the El Mirage City Council in 2016, was also a past member and Chairman of the El Mirage Planning and Zoning Commission. He has over 45 years in elected and appointed positions in government. He and his wife, Linda, have been married for 42 years and have four adult children and eight grandchildren. The Shaperas moved to El Mirage in 2002.

Shapera is a retired police officer and worked for the Clark County Coroner Medical Examiner in Las Vegas, Nevada. He recently retired from the Dysart Unified School District. He continues to guest teach at El Mirage schools and is a member of the Dysart Elementary PTO and Thompson Ranch PTSA. Shapera has also been a proud member of the Elks Lodge for 40 years.

LIST OF APPOINTED CITY OFFICIALS

City Manager – J. Crystal Dyches

City Attorney – Pierce Coleman PLLC

City Clerk – Sharon Antes

City Magistrate – Monte Morgan



Evaluation Criteria

In addition to considering basic safety issues such as public health and welfare, the City focused on six criteria for determining whether a capital request is to be included in the CIP. Items that were determined to be wants rather than needs that did not achieve the priorities of the Council were automatically eliminated from consideration. The six criteria utilized are identified below along with a brief explanation of each.

- Funding – Can the City fund this capital expenditure out of existing fund balance, future revenues, or bonding capacity?
- Council Priority – During the Council retreat, was this one of the major capital expenditures that the Council unanimously determined were essential elements of the City’s future development?
- Utility Rate Study – A utility rate study was performed on the City’s Water, Wastewater, and Sanitation enterprises. As part of the study major capital expenditures were included in the expenditure portion of the study. Current and future rates have been determined based in part on these capital expenditures. Was this one of the major capital expenditures that was identified in the utility rate study?
- City Manager Recommended – Certain capital expenditures are necessary to provide basic services. The City Manager reviews Department Head submissions of CIP requests and asks the question – will basic City services be severely impacted without this capital expenditure?
- Council Approved – These are items which were approved as part of the current year budget which may have multi-year funding requirements. If the future year expenditures are not approved the Capital project will not be completed and the capital item will not be as useful.
- Intergovernmental Agreement\Grant Match – Is the projected expenditure being leveraged to create something larger? Sometimes City projects are used to pay for a portion of a much larger project. City funds can be utilized as a match for grants, or City projects can be used as an in-kind payment to encourage other capital and infrastructure expenditures.



Capital Project Definition

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

Projects included in the El Mirage CIP are non-consumable items with a useful life of more than one year and an initial individual price exceeding \$5,000 including expenditures for major capital projects and items such as city buildings, parks, acquisition of land, major street construction and reconstruction, water and sewer lines and any other project which adds to the capital assets or infrastructure of the City. All other projects shall be included in departmental operating budgets. 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 four key phases, culminating in the presentation of a Capital Improvements Plan to the City Council for approval.

1. Needs Assessment. Future needs were outlined by the Council and Department Heads.
2. Financial Analysis. Examined the City's recent revenues, expenditures, current debt, and bonding capacity.
3. Capital Project Evaluation Criteria. CIP projects were evaluated and prioritized by Management using pre-defined evaluation criteria.
4. Capital Improvements Plan. All of the preceding steps culminated in the development of the plan document that is updated on an annual basis.



Needs Assessment

One of the key elements of the El Mirage Capital Improvements Plan is the Needs Assessment. It addresses the needs of the community within the definition of capital projects for the next five years.

However, additional needs will be identified on a continual basis and will be included in the annual update process. Some unanticipated needs will occur during the budget year and will be weighed against those already identified in the annually adopted CIP.

Attached at the end of this document is a document entitled “City of El Mirage, Capital Improvements Program.” Summarizing all of the projects approved for funding for the next five years along with costs to complete the project that may be incurred after the fifth year. Each project is listed by the responsible Fund/Department name and project expenditures are shown by fiscal year with a total by project for all years.

In this plan is a document titled “Capital Project Detail”. It is categorized in Fund\Department order and details each CIP project by providing cost detail, description of the project, and recommended funding source(s).



Financial Analysis

When attempting to determine what resources are available to fund needed infrastructure 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 El Mirage will most likely always have more wants and needs than financial resources.

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

Funding Options

The City of El Mirage has been funding capital improvement projects for many years. The key to implementing the CIP is consistent, systematic funding.

The following options are 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. The City also receives funding from state fuel taxes which 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 does not currently qualify for this option.

- **Lease-Purchase Agreements.** This is 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.

- **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 currently is aggressively attempting to obtain county, state, and federal grants.

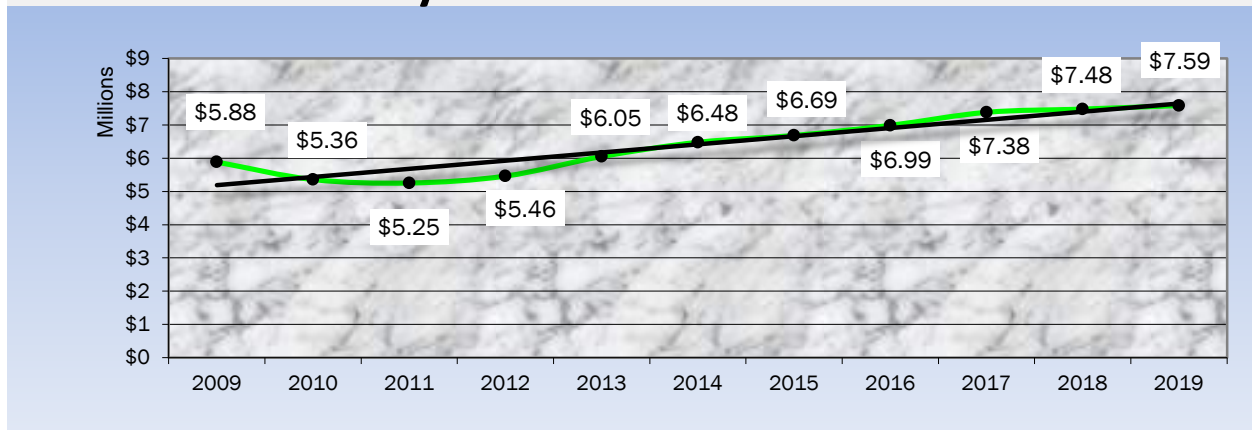
- **User Fees.** Fees paid by service users to maintain existing facilities and develop additional capacity.



Current Revenue Trends

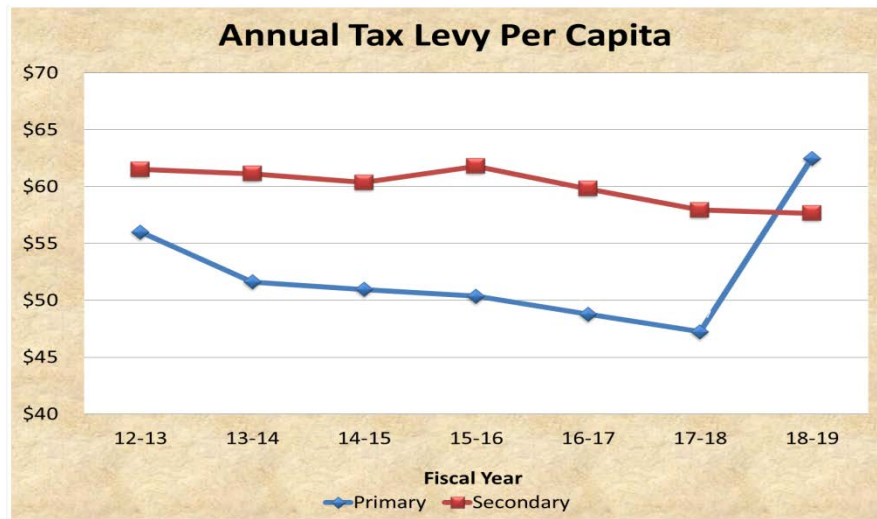
El Mirage currently has a 3% sales tax in addition to the state and county sales taxes. Local sales taxes collected have trended upward from \$5.88 million in 2008-2009 to revenues of \$7.59 million projected for 2018-2019. Sales tax revenue from construction was a substantial part of City sales tax revenue in past years but is no longer a dominant component of City sales tax as retail sales and other sources have created a more balanced tax base. The City has stabilized sales tax revenue and signs of growth resonate throughout the community. The City remains aggressive in its pursuit of retail and commercial development to develop a broad and sustainable sales tax base.

City Sales Tax Collections



The City has both a primary and secondary property tax. The primary property tax is used to pay for a portion of public safety operating costs, while the secondary property tax is used to retire voter approved debt. As a result of changes to State law regarding property valuation and rates the City uses per capita information to compare its tax levies to other cities and itself historically.

The City compares favorably both historically and to other cities on a per capita basis. The State of Arizona limits the increase in primary property tax to 2% of the prior year's levy plus the value of new development. Unlike many other Arizona municipalities, the City has no Special Assessment Districts to pay for infrastructure, maintenance, and street light expenditures.



Bonding Capacity

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 backed by real property. Voters have to approve any property taxes (secondary) instituted to support the issuance of G.O. Bonds. 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, municipalities may issue G.O. Bonds for purposes of water, wastewater, artificial light, open space preserves, and parks and recreational facilities up to an amount not exceeding 20 percent of the assessed value. 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 assessed valuation.

El Mirage has voter approved debt for water and sewer projects. This voter approved debt is secured and repaid from water and utility rates and fees. None of the water and sewer projects in this document are intended to be funded by bonds.



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 El Mirage 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.

General Implementation Guidelines

- The El Mirage CIP Five-Year Program is updated annually and reviewed and adopted by the City Council each year.
- After City Council adoption, the CIP is published and widely distributed.
- Department heads are responsible for preparing monthly reports on the status of current year capital projects. The reports are compiled by the City Engineer and provided to the City Council at each regularly scheduled Council Meeting.
- 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.



Summary and Detail Sheets

Beginning on page 26 is a summary of the projects approved for funding in 2018-2019 and all projects adopted for the Capital Improvements Plan in the out years through 2025-2026. As indicated, every project is listed by responsible Fund/Department name and project expenditures are shown by fiscal year and totaled by project across all years. Detailed capital project pages follow the summary table. Detailed pages have been color coded by responsible department and are categorized by function detailing each CIP project including recommended funding source(s), description of the project, and cost detail by fiscal year. These are not in any prioritized order.

Plan Financial Assumptions

The following assumptions have been made regarding the inflow and outflow of financial resources:

1. Beginning balances are based on the most recent audit and preliminary 2018-19 budget and bond fund balances.
2. Most revenues are projected to increase between 1% and 3% per year.
 - a. Exceptions exist in:
 - i. Water, Sewer, and Sanitation are based on the rate study.
 - ii. CDBG, LTAF, Police Towing, and Special Projects are set equal to projected capital and expenditures.
 - iii. Debt Service is based on actual expenditures less beginning balances and transfers.
 - iv. Capital Streets are based on MAG and MCDOT revenue assumptions.
 - b. Revenues not directly under City control are based on the 2017-18 budget.
3. Most expenditures are projected to increase 3% per year.
 - a. Exceptions exist in:
 - i. Salaries are based on a five year plan recommended by the Council.
 1. One new position each year has been added to the General Fund
 2. Benefits are projected to increase by 6% unless additional information was available.
 - ii. Water, Sewer and Sanitation are based on the most recent rate study.
 - iii. CDBG and Dial-A-Ride expenses match revenue estimates.
 - iv. Photo Enforcement revenues exceed expenses by \$40,000 annually.
 - v. Debt Service is based on actual schedules for expenditures.
 - vi. Capital Streets debt service is per bond schedules.
 - vii. Special Project expenditures are flat.
 - b. Expenditures are based on the 2017-18 budget less capital.
4. Debt service is based on projected and actual outstanding debt.
5. Bond proceeds and repayments are identified in the Capital Streets Fund to keep the City on track with the construction of major roads.
6. Capital is from the summary sheets included in this document. 2018-19 capital does not reflect carryforward projects from the 2017-18 budget.
7. Transfers in/out are based on the following:
 - a. The rate study for utilities
 - b. Council adopted policies
 - c. A \$100,000 annual transfer from the General Fund to the Debt Service Fund
 - d. The assumption that the General Fund will cover negative balances in all funds except the utility funds.
8. Reserves are based on Council adopted policies and the rate study.



Revenue Estimates and Fund Balance Summary

General Fund										
10	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	24,071,500	23,704,500	25,676,000	23,709,000	22,274,000	20,787,500	19,240,500	16,564,500	24,071,500	24,071,500
Revenues (1)	21,130,000	21,341,000	21,554,000	22,201,000	22,645,000	23,098,000	23,560,000	24,031,000	108,871,000	179,560,000
Expenditures (2)	21,640,000	22,430,000	23,100,000	23,619,000	24,230,000	24,830,500	25,520,500	26,210,000	115,019,000	191,580,000
Bond Proceeds	(157,500)	(163,750)	(170,000)	(178,500)	(187,500)	(197,500)	(207,500)	(217,500)	(857,250)	(1,479,750)
Capital	1,109,500	325,000	895,000	351,000	273,000	222,000	286,000	230,000	2,953,500	3,691,500
Transfers In/(Out)	1,410,000	3,549,250	644,000	512,500	559,000	605,000	(222,000)	(3,552,500)	6,674,750	3,505,250
Subtotal	23,704,500	25,676,000	23,709,000	22,274,000	20,787,500	19,240,500	16,564,500	10,385,500	20,787,500	10,385,500
Reserve	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
Ending Balance (EB)	17,704,500	19,676,000	17,709,000	16,274,000	14,787,500	13,240,500	10,564,500	4,385,500	14,787,500	4,385,500

HURF										
21	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	2,595,500	1,566,500	1,151,500	765,500	386,500	(500)	(316,500)	0	2,595,500	2,595,500
Revenues (1)	2,200,000	2,222,000	2,244,000	2,311,000	2,357,000	2,404,000	2,452,000	2,501,000	11,334,000	18,691,000
Expenditures (2)	1,200,000	1,240,000	1,280,000	1,300,000	1,340,000	1,370,000	1,410,000	1,450,000	6,360,000	10,590,000
Capital	1,529,000	897,000	850,000	890,000	904,000	850,000	1,100,000	850,000	5,070,000	7,870,000
Transfers In/(Out)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	374,500	(201,000)	(2,500,000)	(2,826,500)
Subtotal	1,566,500	1,151,500	765,500	386,500	(500)	(316,500)	0	0	(500)	0
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	1,566,500	1,151,500	765,500	386,500	(500)	(316,500)	0	0	(500)	0

Water										
53	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	12,883,000	12,130,000	12,698,000	12,958,000	13,010,000	12,736,500	12,464,500	11,880,000	12,883,000	12,883,000
Revenues (1)	8,560,000	9,325,000	9,385,000	9,445,000	9,445,000	9,445,000	9,445,000	9,445,000	46,160,000	74,495,000
Bond Proceeds	0	0	0	0	0	0	0	0	0	0
Expenditures (2)	6,626,000	6,330,000	6,628,000	6,922,000	7,186,000	7,045,000	7,336,000	7,641,000	33,692,000	55,714,000
Debt Service	1,204,000	1,239,000	1,275,000	1,311,000	1,348,500	1,387,000	1,427,500	1,468,000	6,377,500	10,660,000
Capital	785,000	454,000	450,000	350,000	335,000	395,000	335,000	335,000	2,374,000	3,439,000
Transfers In/(Out)	(698,000)	(734,000)	(772,000)	(810,000)	(849,000)	(890,000)	(931,000)	(964,000)	(3,863,000)	(6,648,000)
Subtotal	12,130,000	12,698,000	12,958,000	13,010,000	12,736,500	12,464,500	11,880,000	10,917,000	12,736,500	10,917,000
Reserve	3,920,000	4,490,000	5,065,000	5,643,000	5,725,000	5,811,000	5,902,000	5,997,000	5,725,000	5,997,000
Ending Balance	8,210,000	8,208,000	7,893,000	7,367,000	7,011,500	6,653,500	5,978,000	4,920,000	7,011,500	4,920,000

Sewer										
54	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	3,661,500	3,779,500	3,528,000	3,270,000	3,297,000	3,191,000	2,924,000	2,510,500	3,661,500	3,661,500
Revenues (1)	3,250,000	3,156,000	3,172,000	3,187,000	3,187,000	3,187,000	3,187,000	3,187,000	15,952,000	25,513,000
Bond Proceeds	0	0	0	0	0	0	0	0	0	0
Expenditures (2)	1,954,000	1,966,000	2,064,000	2,168,000	2,275,000	2,389,000	2,508,000	2,633,000	10,427,000	17,957,000
Debt Service	23,000	23,500	24,000	25,000	26,000	27,000	27,500	28,500	121,500	204,500
Capital	440,000	680,000	580,000	180,000	180,000	200,000	200,000	200,000	2,060,000	2,660,000
Transfers In/(Out)	(715,000)	(738,000)	(762,000)	(787,000)	(812,000)	(838,000)	(865,000)	(910,000)	(3,814,000)	(6,427,000)
Subtotal	3,779,500	3,528,000	3,270,000	3,297,000	3,191,000	2,924,000	2,510,500	1,926,000	3,191,000	1,926,000
Reserve	2,812,000	3,328,000	3,844,000	4,361,000	4,379,000	4,398,000	4,418,000	4,439,000	4,379,000	4,439,000
Ending Balance	967,500	200,000	(574,000)	(1,064,000)	(1,188,000)	(1,474,000)	(1,907,500)	(2,513,000)	(1,188,000)	(2,513,000)

Sanitation										
52	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	872,500	904,500	874,500	779,500	615,500	379,500	67,500	(323,500)	872,500	872,500
Revenues (1)	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	8,000,000	12,800,000
Bond Proceeds	0	0	0	0	0	0	0	0	0	0
Expenditures (2)	1,271,000	1,333,000	1,398,000	1,467,000	1,539,000	1,615,000	1,694,000	1,778,000	7,008,000	12,095,000
Debt Service	0	0	0	0	0	0	0	0	0	0
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	(297,000)	(297,000)	(297,000)	(297,000)	(297,000)	(297,000)	(297,000)	(306,000)	(1,485,000)	(2,385,000)
Subtotal	904,500	874,500	779,500	615,500	379,500	67,500	(323,500)	(807,500)	379,500	(807,500)
Reserve	208,000	218,000	229,000	240,000	252,000	265,000	278,000	292,000	252,000	292,000
Ending Balance	696,500	656,500	550,500	375,500	127,500	(197,500)	(601,500)	(1,099,500)	127,500	(1,099,500)

Municipal Court										
14	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	214,000	0	0	0	0	0	0	0	214,000	214,000
Revenues (1)	330,000	333,000	336,000	346,000	353,000	360,000	367,000	374,000	1,698,000	2,799,000
Expenditures (2)	766,000	787,000	811,000	835,000	860,000	886,000	913,000	940,000	4,059,000	6,798,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	222,000	454,000	475,000	489,000	507,000	526,000	546,000	566,000	2,147,000	3,785,000
Subtotal	0	0	0	0	0	0	0	0	0	0
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	0	0	0	0	0	0	0	0	0	0

Municipal Court Enhancement										
15	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	980,000	954,000	924,000	891,000	861,000	831,000	801,000	772,000	980,000	980,000
Revenues (1)	170,000	172,000	174,000	179,000	183,000	187,000	191,000	195,000	878,000	1,451,000
Expenditures (2)	196,000	202,000	207,000	209,000	213,000	217,000	220,000	225,000	1,027,000	1,689,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	0	0	0	0	0	0	0	0	0	0
Subtotal	954,000	924,000	891,000	861,000	831,000	801,000	772,000	742,000	831,000	742,000
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	954,000	924,000	891,000	861,000	831,000	801,000	772,000	742,000	831,000	742,000

Photo Enforcement										
16	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	495,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	495,000	495,000
Revenues (1)	431,000	435,000	438,000	437,000	438,000	440,000	441,000	443,000	2,179,000	3,503,000
Expenditures (2)	391,000	395,000	398,000	397,000	398,000	400,000	401,000	403,000	1,979,000	3,183,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	(495,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(40,000)	(655,000)	(775,000)
Subtotal	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000

CDBG										
31	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	0	0	0	0	0	0	0	0	0	0
Revenues (1)	400,000	350,000	350,000	350,000	350,000	350,000	0	0	1,800,000	2,150,000
Expenditures (2)	0	0	0	0	0	0	0	0	0	0
Capital	400,000	350,000	350,000	350,000	350,000	350,000	0	0	1,800,000	2,150,000
Transfers In/(Out)	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	0	0	0	0	0	0	0	0	0	0

Debt Service										
41	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	351,000	331,000	311,000	291,000	271,000	251,000	231,000	211,000	351,000	351,000
Revenues (1)	2,030,000	2,030,000	2,030,000	2,030,000	2,030,000	2,030,000	2,030,000	2,030,000	10,150,000	16,240,000
Expenditures (2)	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	2,150,000	10,750,000	17,200,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	500,000	800,000
Subtotal	331,000	311,000	291,000	271,000	251,000	231,000	211,000	191,000	251,000	191,000
Reserve	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000	203,000
Ending Balance	128,000	108,000	88,000	68,000	48,000	28,000	8,000	(12,000)	48,000	(12,000)

Capital Streets										
56	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	5,878,000	5,316,000	0	0	0	0	0	0	5,878,000	5,878,000
Revenues (1)		7,630,000	0	0	0	0	0	0	7,630,000	7,630,000
Bond Proceeds	(472,500)	(491,250)	(510,000)	(536,000)	(562,500)	(592,500)	(622,500)	(652,500)	(2,572,250)	(4,439,750)
Expenditures (2)	0	0	0	0	0	0	0	0	0	0
Debt Service	360,500	341,500	322,500	296,500	269,500	241,500	212,000	180,500	1,590,500	2,224,500
Capital	1,312,000	10,688,000	500,000	500,000	500,000	500,000	500,000	4,474,500	13,500,000	18,974,500
Transfers In/(Out)	1,583,000	(1,425,250)	1,332,500	1,332,500	1,332,000	1,334,000	1,334,500	5,307,500	4,154,750	12,130,750
Subtotal	5,316,000	0	0	0	0	0	0	0	0	0
Ending Balance	5,316,000	0	0	0	0	0	0	0	0	0

Dial-A-Ride (LTA)										
23	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	170,000	0	0	0	0	0	0	0	170,000	170,000
Revenues (1)	95,000	96,000	97,000	100,000	102,000	104,000	106,000	108,000	490,000	808,000
Expenditures (2)	265,000	96,000	97,000	100,000	102,000	104,000	106,000	108,000	660,000	978,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	0	0	0	0	0	0	0	0	0	0

Police Towing										
28	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	129,000	109,000	90,000	72,000	56,000	41,000	27,000	4,000	129,000	129,000
Revenues (1)	60,000	61,000	62,000	64,000	65,000	66,000	67,000	68,000	312,000	513,000
Expenditures (2)	80,000	80,000	80,000	80,000	80,000	80,000	90,000	90,000	400,000	660,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	0	0	0	0	0	0	0	0	0	0
Subtotal	109,000	90,000	72,000	56,000	41,000	27,000	4,000	(18,000)	41,000	(18,000)
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	109,000	90,000	72,000	56,000	41,000	27,000	4,000	(18,000)	41,000	(18,000)

Special Projects										
73	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	0	0	0	0	0	0	0	0	0	0
Revenues (1)	10,610,000	10,369,000	10,180,500	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	51,159,500	81,159,500
Expenditures (2)	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	50,000,000	80,000,000
Capital	0	0	0	0	0	0	0	0	0	0
Transfers In/(Out)	(610,000)	(369,000)	(180,500)	0	0	0	0	0	(1,159,500)	(1,159,500)
Subtotal	0	0	0	0	0	0	0	0	0	0
Reserve	0	0	0	0	0	0	0	0	0	0
Ending Balance	0	0	0	0	0	0	0	0	0	0

Citywide Total										
	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	5 YR Summary	FY 26+ Summary
Beginning Balance	52,301,000	48,835,000	45,293,000	42,776,000	40,811,000	38,257,000	35,479,000	31,658,500	52,301,000	52,301,000
Revenues (1)	50,866,000	59,120,000	51,622,500	52,250,000	52,755,000	53,271,000	53,446,000	53,982,000	266,613,500	427,312,500
Expenditures (2)	46,539,000	47,009,000	48,213,000	49,247,000	50,373,000	51,086,500	52,348,500	53,628,000	241,381,000	398,444,000
Debt Service	1,587,500	1,604,000	1,621,500	1,632,500	1,644,000	1,655,500	1,667,000	1,677,000	8,089,500	13,089,000
Bond Proceeds	(630,000)	(655,000)	(680,000)	(714,500)	(750,000)	(790,000)	(830,000)	(870,000)	(3,429,500)	(5,919,500)
Capital	5,575,500	13,394,000	3,625,000	2,621,000	2,542,000	2,517,000	2,421,000	6,089,500	27,757,500	38,785,000
Transfers In/(Out)	0	0	0	0	(0)	0	0	0	(0)	(0)
Subtotal	48,835,000	45,293,000	42,776,000	40,811,000	38,257,000	35,479,000	31,658,500	23,376,000	38,257,000	23,376,000
Reserve	13,143,000	14,239,000	15,341,000	16,447,000	16,559,000	16,677,000	16,801,000	16,931,000	16,559,000	16,931,000
Ending Balance	35,692,000	31,054,000	27,435,000	24,364,000	21,698,000	18,802,000	14,857,500	6,445,000	21,698,000	6,445,000

Capital Totals By Funding Source

	FY18-19	FY19-20	FY20-21	FY21-22	FY22-23	FY23-24	FY26+	Five Year Total	Balance to Complete Project	Project Total
Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fees	1,225,000	1,134,000	1,030,000	530,000	595,000	535,000	535,000	4,434,000	1,665,000	6,099,000
Taxes/ Grants	1,224,000	10,188,000	675,000	17,000	-	-	-	12,134,000	-	12,134,000
CDBG	400,000	350,000	350,000	350,000	350,000	-	-	1,800,000	350,000	2,150,000
Grants	-	-	-	-	-	250,000	-	-	250,000	250,000
HURF	1,490,000	897,000	850,000	890,000	850,000	850,000	850,000	5,031,000	2,550,000	7,581,000
HURF/ Grants	39,000	-	-	-	-	-	-	39,000	-	39,000
Taxes	1,197,500	825,000	720,000	834,000	722,000	786,000	4,704,500	4,319,500	6,212,500	10,532,000
Total	\$5,575,500	\$13,394,000	\$3,625,000	\$2,621,000	\$2,517,000	\$2,421,000	\$6,089,500	\$27,757,500	\$11,027,500	\$38,785,000





**THIS PAGE INTENTIONALLY LEFT
BLANK**



			EL MIRAGE CAPITAL IMPROVEMENTS PLAN SUMMARY			
Fund #	Dept	Funding	Project	FY18-19	FY19-20	
10	ComDev	Taxes	Hockey Rink and Basketball Courts Lighting	80,000		
10	ComDev	Taxes/Grants	Senior Center Improvements	40,000		
10	Parks	Taxes	Billboard at Gentry Park	125,000		
10	Bldg Safety	Taxes	Staff Vehicle			27,000
21	HURF	HURF	Thunderbird Rd Access Modifications at Casa Mirage	90,000		
21	HURF	HURF	Crosswalk Warning Lights	40,000		
31	Engineering	CDBG	Downtown Street Reconstruction			350,000
31	Engineering	CDBG	Sidewalk Ramp ADA Retrofit	400,000		
54	Sewer	Fees	Drainage Improvements-125th Ave North of Peoria Ave	25,000		
56	Streets	Taxes/Grants	Dysart Road from Northern Avenue to Peoria Avenue	812,000		10,188,000
10	Fire	Taxes	Battalion Chief/Fire Chief truck (replacement)	66,000		
10	Fire	Taxes	Fire Chief Vehicle	43,000		
10	Fire	Taxes	Staff Vehicle	43,000		
10	Fire	Taxes/Grants	Replacement Vehicle - Fire Engine			
10	Fire	Taxes	PPE Drying Cabinet			7,000
10	Fire	Taxes	Washer/Extractor	12,500		
10	Fire	Taxes/Grants	2 Thermal Imaging Cameras - Replacement			
10	Fire	Taxes/Grants	BC Mobile Radio	9,000		
10	Fire	Taxes/Grants	Fit Tester for Self Contained Breathing Apparatus (SCBA)	16,000		
10	IT	Taxes	Replacement of Core Network Switch - City Hall			
10	IT	Taxes	Replacement of Core Network Switch - Police Dept			
10	IT	Taxes	Security Information and Event Mgmt Solution			30,000
10	Police	Taxes	Vehicles	172,000		176,000
10	Police	Taxes	Property & Evidence Covered Storage	60,000		
10	Police	Taxes/Grants	Addition of 6th Squad - Vehicles with radios & MDTs	292,000		
10	Code Enforcement	Taxes	Vehicle Replacement - Pickup Truck	30,000		
10	Code Enforcement	Taxes	Mobile Data Computers (MDC) (4)	26,000		
10	Parks	Taxes	Vehicle Replacement Program - Parks	-		45,000
10	Parks	Taxes	Park Utility Vehicle Replacement	10,000		
10	Parks	Taxes	Parks Equipment Replacement			10,000
10	Parks	Taxes/Grants	Basketball Court Resurfacing			
10	Parks	Taxes/Grants	Splash Pad Update	55,000		
10	Facilities	Taxes	HVAC Replacement Program	30,000		30,000

FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	Five Year Total	Balance to Complete Project	Project Total
						80,000	-	80,000
						40,000	-	40,000
						125,000	-	125,000
						27,000	-	27,000
						90,000	-	90,000
						40,000	-	40,000
350,000	350,000	350,000	350,000			1,400,000	350,000	1,750,000
						400,000	-	400,000
						25,000	-	25,000
						11,000,000	-	11,000,000
						66,000	-	66,000
						43,000	-	43,000
						43,000	-	43,000
675,000						675,000	-	675,000
						7,000	-	7,000
						12,500	-	12,500
	17,000					17,000	-	17,000
						9,000	-	9,000
						16,000	-	16,000
	30,000					30,000	-	30,000
		25,000				25,000	-	25,000
						30,000	-	30,000
180,000	184,000	188,000	192,000	196,000	200,000	900,000	588,000	1,488,000
						60,000	-	60,000
						292,000	-	292,000
						30,000	-	30,000
						26,000	-	26,000
	90,000	-				135,000	-	135,000
						10,000	-	10,000
10,000						20,000	-	20,000
		30,000				30,000	-	30,000
						55,000	-	55,000
30,000	30,000	30,000	30,000	30,000	30,000	150,000	90,000	240,000

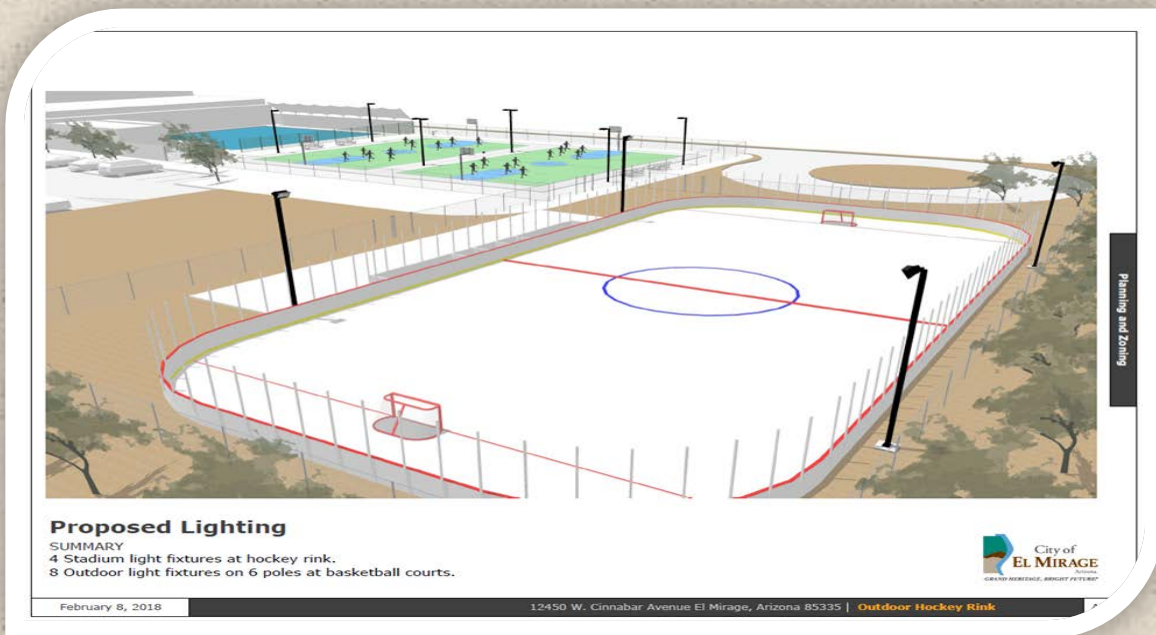
Fund #	Dept	Funding	Project	FY18-19	FY19-20
21	HURF	HURF	Vehicle Replacement Program - HURF	-	32,000
21	HURF	HURF	Right of Way Maintenance Equipment	10,000	
21	HURF	HURF	Streets Beautiflcation Program Trailer Replacement		15,000
21	HURF	HURF	Skid Steer Loader + Attachments		
21	HURF	HURF	A Street Reconstruction	500,000	
21	HURF	HURF	Pavement Management Program	850,000	850,000
21	HURF	HURF/Grants	Battery Backup for Traffic Signals	39,000	
53	Water	Fees	Vehicle Replacement Program - Water	32,000	45,000
53	Water	Fees	Leak Detection System	30,000	
53	Water	Fees	Mobile Pressure Washer	16,000	
53	Water	Fees	Trimble GPS Data Collector	10,000	
53	Water	Fees	Well Site Compressor Replacement		15,000
53	Water	Fees	Cottonwood/Sunnyvale Cathodic Protection System	15,000	30,000
53	Water	Fees	Disinfection System Upgrade	10,000	10,000
53	Water	Fees	Grand Ave Booster Station Improvement		29,000
53	Water	Fees	Water Storage Tank Maintenance Program	300,000	300,000
53	Water	Fees	Well Site AC Unit Replacement	25,000	25,000
53	Water	Fees	Well Site Building Repairs	40,000	
53	Water	Fees	Well Site PLC Upgrade (Phase II)	230,000	
53	Water - Irrigation	Fees	Distribution System Backup Supply	35,000	
53	Water - Irrigation	Fees	Irrigation Well Site Security Improvements	27,000	
53	Water - Irrigation	Fees	Miscellaneous Capital		
53	Water - Irrigation	Fees	Well Discharge Piping System	15,000	
54	Sewer	Fees	Forklift Replacement	50,000	
54	Sewer	Fees	Vactor Truck Replacement		
54	Sewer	Fees	Wastewater Process Equipment Improvements(modified)	180,000	180,000
54	Sewer	Fees	Main Line Replacement - W. Sahuaro Dr.	90,000	
54	Sewer	Fees	Brisas Lift Station Controls Upgrade	65,000	
54	Sewer	Fees	Odor Scrubbers Media Replacement	30,000	
54	Sewer	Fees	Water Reclamation Facility Design		500,000
56	Streets	Taxes	Northern Parkway Improvements	500,000	500,000
10	IT	Taxes	Replacement of Firewalls (6)		
10	IT	Taxes	Replacement of Servers (4)		
21	HURF	Grants	MAG Funded Street Sweeper		
53	Engineering	Fees	Vehicle Replacement - (2)		
Grand Total				\$ 5,575,500	\$ 13,394,000

FY20-21	FY21-22	FY22-23	FY23-24	FY24-25	FY26+	Five Year Total	Balance to Complete Project	Project Total
						32,000	-	32,000
	40,000					50,000	-	50,000
						15,000	-	15,000
		54,000				54,000	-	54,000
						500,000	-	500,000
850,000	850,000	850,000	850,000	850,000	850,000	4,250,000	2,550,000	6,800,000
						39,000	-	39,000
-	-		-	-	-	77,000	-	77,000
						30,000	-	30,000
						16,000	-	16,000
						10,000	-	10,000
15,000	15,000					45,000	-	45,000
						45,000	-	45,000
10,000	10,000	10,000	10,000	10,000	10,000	50,000	30,000	80,000
						29,000	-	29,000
300,000	300,000	300,000	300,000	300,000	300,000	1,500,000	900,000	2,400,000
25,000	25,000	25,000	25,000	25,000	25,000	125,000	75,000	200,000
						40,000	-	40,000
						230,000	-	230,000
						35,000	-	35,000
						27,000	-	27,000
100,000						100,000	-	100,000
						15,000	-	15,000
						50,000	-	50,000
400,000						400,000	-	400,000
180,000	180,000	180,000	200,000	200,000	200,000	900,000	600,000	1,500,000
						90,000	-	90,000
						65,000	-	65,000
						30,000	-	30,000
						500,000	-	500,000
500,000	500,000	500,000	500,000	500,000	4,474,500	2,500,000	5,474,500	7,974,500
				30,000		-	30,000	30,000
				30,000		-	30,000	30,000
				250,000		-	250,000	250,000
			60,000		-	-	60,000	60,000
\$ 3,625,000	\$ 2,621,000	\$ 2,542,000	\$ 2,517,000	\$ 2,421,000	\$ 6,089,500	\$ 27,757,500	\$ 11,027,500	\$ 38,785,000

HOCKEY RINK AND BASKETBALL COURT LIGHTING

COMMUNITY DEVELOPMENT

The project will provide four light poles w/LED stadium light fixtures to the Hockey Rink, six light poles w/eight LED light fixtures to the basketball courts, trenching, conduit, power supply and concrete access to both areas.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	10-GENERAL	Taxes	\$80,000					\$80,000	\$80,000
Total			\$80,000					\$80,000	\$80,000

SENIOR CENTER IMPROVEMENTS

COMMUNITY DEVELOPMENT

Proposed improvements to the Senior Center are necessary for a safe, efficient and functional center. The improvements include cabinet, flooring and door replacement, and other minor remodeling. These improvements will make the Senior Center a more efficient and enjoyable facility.



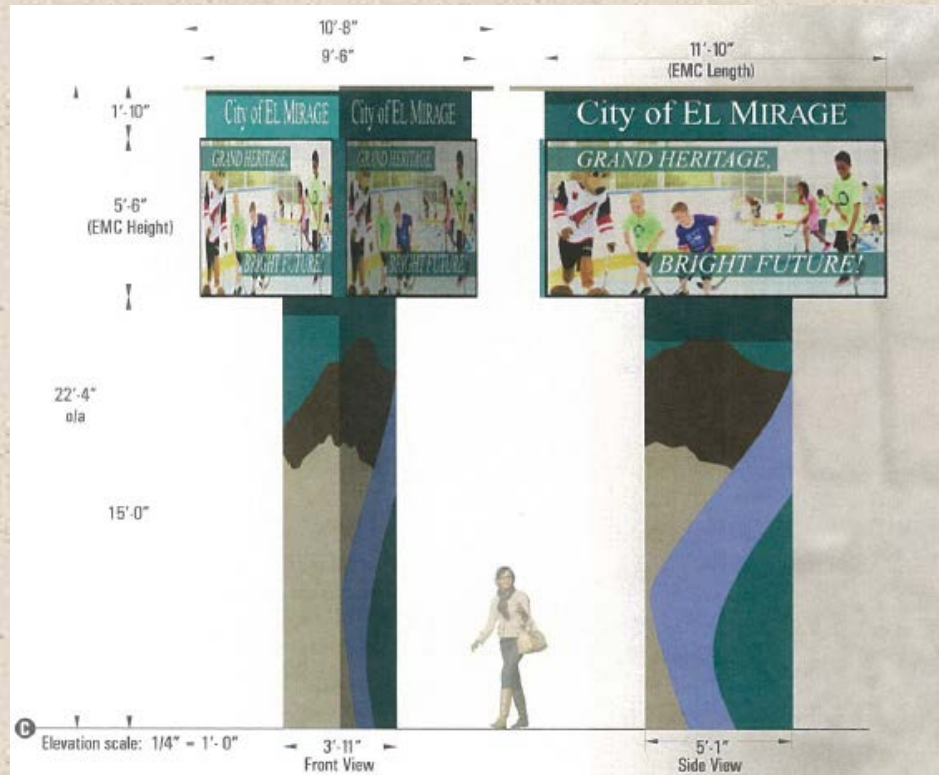
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	10-GENERAL	Taxes	\$40,000					\$40,000	\$40,000
Total			\$40,000					\$40,000	\$40,000

BILLBOARD AT GENTRY PARK

PARKS

The Billboard will be located at the Gentry Park at the northwest corner of El Mirage and Thunderbird Roads and will be used to advertise community events. The billboard may also be used for selling advertising.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-GENERAL	Taxes	\$125,000					\$125,000	\$125,000
Buildings									
Improvements									
Total			\$125,000					\$125,000	\$125,000

STAFF VEHICLE

BUILDING SAFETY

FY 19/20 request is for the purchase of a new Staff Vehicle. The needs of Building Life safety have exceeded the current fleet of 2 Ford Rangers. We are currently requesting a 2019 Chevrolet Colorado work truck priced at approximately \$26,000 with an additional \$1,000 for applying the city logo identification. This will be an addition to the current inventory.



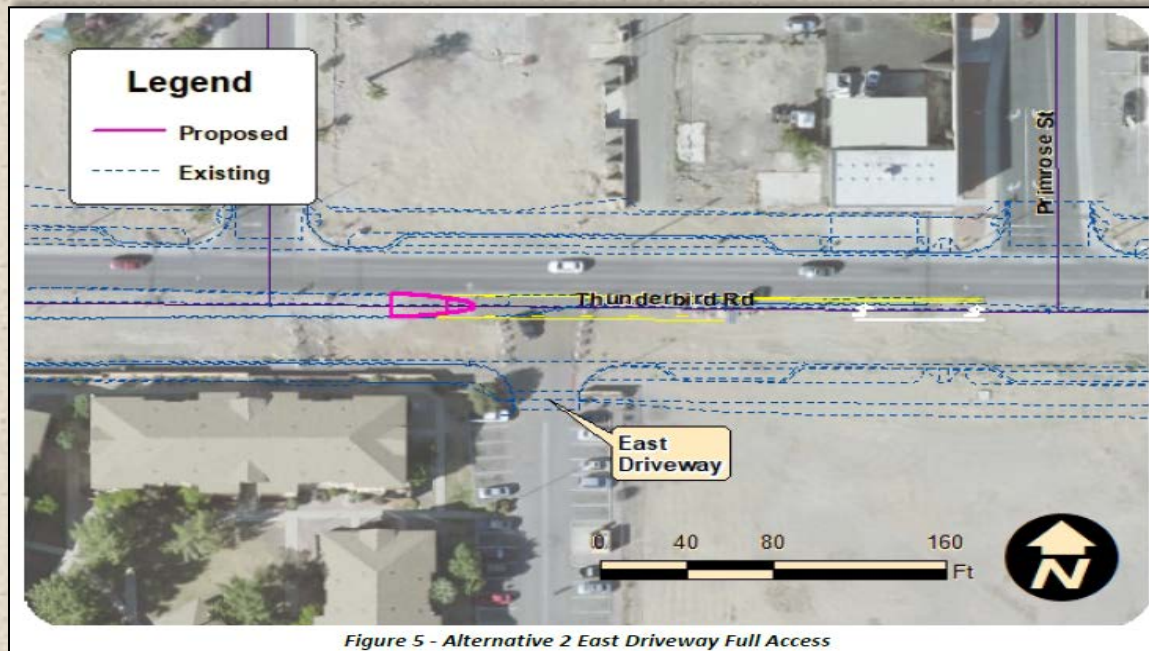
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-GENERAL	Taxes		\$27,000				\$27,000	\$27,000
Buildings Improvements									
Total				\$27,000				\$27,000	\$27,000

THUNDERBIRD ROAD ACCESS MODIFICATIONS AT CASA MIRAGE

HURF

To provide expanded access for the Casa Mirage Apartments at Thunderbird Road.



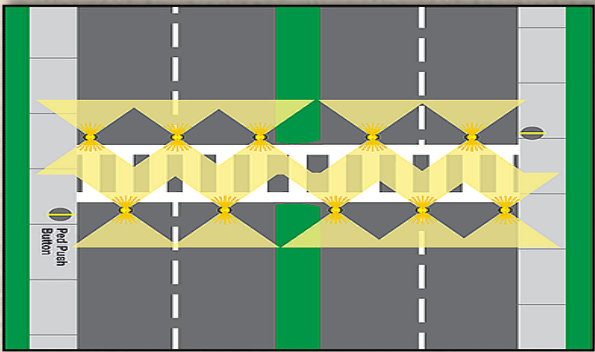
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	21-HURF	HURF	\$90,000					\$90,000	\$90,000
Total			\$90,000					\$90,000	\$90,000

CROSSWALK WARNING LIGHTS

HURF

This project is to install crosswalk warning lights at the intersections of El Mirage Rd and Soledad St. and Cactus Rd and 127th Ave.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	21- HURF	HURF	\$40,000					\$40,000	\$40,000
Total			\$40,000					\$40,000	\$40,000

DOWNTOWN STREET RECONSTRUCTION

ENGINEERING

Street improvements in downtown CDBG eligible area; the project will entail complete reconstruction of roadway surface, curb and gutter, sidewalk, and other ancillary items.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	31-CDBG	CDBG		\$350,000	\$350,000	\$350,000	\$350,000	\$1,400,000	\$1,750,000
Total				\$350,000	\$350,000	\$350,000	\$350,000	\$1,400,000	\$1,750,000

SIDEWALK RAMP ADA RETROFIT

ENGINEERING

This project will retrofit existing curb ramps in the downtown area that either do not meet Americans with Disabilities Act (ADA) standards or are missing completely.

Deficient pavement adjacent to the ramps, which are tripping hazards and/or a hindrance to disabled travelers, will be removed and replaced as well.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED									
Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	31-	CDBG	\$400,000					\$400,000	\$400,000
Total			\$400,000					\$400,000	\$400,000

DRAINAGE IMPROVEMENTS

125TH AVE NORTH OF PEORIA AVE

SEWER

This project will construct a catch basin on the west side of 125th Ave just

north of Peoria Ave to reduce drainage concerns. The project will also include concrete pipe under 125th Ave, riprap, traffic control, and the replacement of the existing concrete curb and pavement.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	54-Sewer	Fees	\$25,000					\$25,000	\$25,000
Total			\$25,000					\$25,000	\$25,000

DYSART RD FROM NORTHERN TO PEORIA

STREETS

Dysart Road was identified as a “Road of Regional Significance” back in the 1999 Maricopa Associations of Governments (MAG) study and currently has one lane in each direction between Northern and Peoria Avenues. The City proposes to widen this corridor to two 12 foot through lanes, a 14 foot median, bike lanes and curb and gutter. This project will include the design, land acquisition and construction. The total project cost is currently estimated at \$11.1 million.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design	56-Capital Streets	Bonds/ Grants	\$812,000					\$812,000	\$812,000
Land									
Equipment									
Buildings									
Improvements	56-Capital Streets	Bonds/ Grants		\$10,188,000				\$10,188,000	\$10,188,000
Total			\$812,000	\$10,188,000				\$11,000,000	\$11,000,000

BATTALION CHIEF/FIRE CHIEF VEHICLE

FIRE

Replace the 2002 Ford Expedition that is our current Battalion Chief vehicle. This vehicle has many mechanical, electrical, and paint issues.



Estimated costs:

Truck - \$35,585.92

Communication Equip- \$3,314.70

Equipment - \$15,883.91

Radio - \$8,098.46

Striping - \$2,300

Total = \$65,182.90

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 21/22	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes	\$66,000					\$66,000	\$66,000
Buildings									
Improvements									
Total			\$66,000					\$66,000	\$66,000

STAFF VEHICLE

FIRE

Staff vehicles will have a service life of 8 years or 100,000 miles.

C121 Primarily assigned as Fire Chief vehicle. 2003 Ford Expedition. 116k miles/19 years old.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 21/22	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-General	Taxes	\$43,000					\$43,000	\$43,000
Buildings									
Improvements									
Total			\$43,000					\$43,000	\$43,000

FIRE CHIEF VEHICLE

FIRE

The request is for the purchase of a new Fire Chief SUV.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 21/22	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes	\$43,000					\$43,000	\$43,000
Buildings									
Improvements									
Total			\$43,000					\$43,000	\$43,000

REPLACEMENT APPARATUS (FIRE ENGINE)

FIRE

Fire Engines/Pumpers would be frontline for 10 years or 100,000 miles, whatever comes first. Vehicles should be in reserve status for no more than 2 years.

Current Fire Engine/Pumpers:

- 12 years old (1006) reserve due to its mileage and age
- 7 years old (1008) approaching its frontline expectancy.
- 1 year old (1013)



New pumper would be purchased in FY 20/21; possibly with CDBG funds.

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-General	Taxes/Grants			\$675,000			\$675,000	\$675,000
Buildings									
Improvements									
Total					\$675,000			\$675,000	\$675,000

PPE DRYING CABINET

FIRE

This cabinet will allow for proper safe drying of personal protective equipment (PPE). This cabinet will allow for proper drying of turnout gear after washing and will extend the life of the gear.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes		\$7,000				\$7,000	\$7,000
Buildings									
Improvements									
Total				\$7,000				\$7,000	\$7,000

WASHER/EXTRACTOR

FIRE

This commercial washer/extractor will allow the firefighters to properly clean their contaminated firefighting gear as recommended by NFPA 1851.

Currently this is being done by third party vendor. Annual cost average is approximately \$2,500 yearly. The fire station would need some modifications to complete the installation.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes	\$12,500					\$12,500	\$12,500
Buildings									
Improvements									
Total			\$12,500					\$12,500	\$12,500

THERMAL IMAGING CAMERAS

FIRE

The FY 21/22 request is for replacement of 2 thermal imaging cameras. The age of the cameras is consistent with the normal replacement based on manufacturer recommendation.

Thermal Imager serial number K1K-2411 EV was placed into service 01/01/2007. Thermal Imager serial number 200156-07 was placed into 01/01/2009.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes/ Grants				\$17,000		\$17,000	\$17,000
Buildings									
Improvements									
Total						\$17,000		\$17,000	\$17,000

BATTALION CHIEF (BC) MOBILE RADIO

FIRE

The request is to outfit the BC truck with a mobile radio. The purchase of a second mobile radio for the BC vehicle will allow for monitoring and use of more than one tactical channel during any given emergency incident.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 21/22	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes/ Grants	\$9,000					\$9,000	\$9,000
Buildings									
Improvements									
Total			\$9,000					\$9,000	\$9,000

FIT TESTER FOR SELF-CONTAINED BREATHING APPARATUS (SCBA)

FIRE

This CIP proposal is for the purchase of a new Fit Testing Machine. OSHA 29 CFR Part 1910.134 requires that anyone wearing a respirator must be tested for proper fitting. The purpose of replacing our current fit testing machine is to upgrade due to aging and technological changes. The new upgraded equipment will dramatically cut down on out of service time for employees and equipment. The equipment was originally purchased in 2010.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-General	Taxes/ Grants	\$16,000					\$16,000	\$16,000
Buildings									
Improvements									
Total			\$16,000					\$16,000	\$16,000

REPLACEMENT OF CORE NETWORK SWITCH CITY HALL

INFORMATION TECHNOLOGY



The core network switch was installed at City Hall in July 2013. This switch has been identified as becoming end of life by April 2022. Replacement of this device prior to that date will be crucial as the City will lose all hardware support and security patches by that time.

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10 - General	Taxes				\$30,000		\$30,000	\$30,000
Buildings									
Improvements									
Total						\$30,000		\$30,000	\$30,000

REPLACEMENT OF CORE NETWORK SWITCH

POLICE DEPARTMENT

INFORMATION TECHNOLOGY

The core network switch was installed at the Police Department in December 2013. While not yet identified, we anticipate this becoming end of life by April 2023. Replacement of this device prior to that date will be crucial as the City will lose all hardware support and security patches by that time.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10 - General	Taxes					\$25,000	\$25,000	\$25,000
Buildings									
Improvements									
Total							\$25,000	\$25,000	\$25,000

SECURITY INFORMATION AND EVENT MANAGEMENT SOLUTION

INFORMATION TECHNOLOGY



A Security Information and Event Management (SIEM) Solution provides real-time analysis of security alerts generated by network hardware and applications. This new solution will allow the City to report and take action on cybersecurity threats, by providing log auditing and review. It will also allow IT staff to better manage user and service privileges, directory services and other system-configuration changes.

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10 - General	Taxes		\$30,000				\$30,000	\$30,000
Buildings									
Improvements									
Total				\$30,000				\$30,000	\$30,000

VEHICLE REPLACEMENT

POLICE

An eight year vehicle replacement program has been created. The program will permit the timely replacement of vehicles before they become unreliable. It is estimated that over an eight year period most patrol vehicles will reach 100,000 miles of service use. Non-patrol vehicles will be replaced with Dodge pickups on a similar time frame, however they may be used by other departments after that period of time if the vehicle is still reliable.



This year 2 marked and 2 unmarked vehicles are scheduled to be purchased.

Note: Cost per marked patrol vehicle, including two-tone paint, emergency lighting, radio installation, decals, and prisoner barrier is approximately \$51,000. Unmarked detective vehicles with a covert emergency light package or administrative vehicle are approximately \$33,000.

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 21/22	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-General	Taxes	\$172,000	\$176,000	\$180,000	\$184,000	\$188,000	\$900,000	Annual
Buildings									
Improvements									
Total			\$172,000	\$176,000	\$180,000	\$184,000	\$188,000	\$900,000	Annual

PROPERTY & EVIDENCE COVERED STORAGE

POLICE

Request covered outside storage for evidence – bicycles, ATV’s, etc. currently outside in the elements



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	10- General	Taxes	\$60,000					\$60,000	\$60,000
Total			\$60,000					\$60,000	\$60,000

6TH SQUAD VEHICLES WITH RADIOS AND MDTs

POLICE

Request four(4) purpose-built police vehicles at \$60,000 each
 Each new unit will require a police radio at a cost of \$6,500 each as well as a Mobile Data Terminal per vehicle at a cost of \$6,500 each. The total cost for the vehicles and outfitting the four marked patrol units is \$292,000.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-General	Taxes	\$292,000					\$292,000	\$292,000
Buildings									
Improvements									
Total			\$292,000					\$292,000	\$292,000

VEHICLE REPLACEMENT

CODE ENFORCEMENT

Replacement of Code Enforcement Vehicle, Vehicle #7744, 2000 Ford Ranger, current mileage 67k (approximate). Vehicle would be a mid-sized pick-up truck with an extended cab (to allow for Code Officers equipment) . Vehicle Equipment to include an amber light bar with directional feature. This vehicle could then be used to assist patrol in an emergency situation as an additional resource (such as road closure) to free up a Patrol Unit



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes	\$30,000					\$30,000	\$30,000
Buildings									
Improvements									
Total			\$30,000					\$30,000	\$30,000

MDC COMPUTERS IN VEHICLES

CODE ENFORCEMENT

Purchase and installation of Mobile Data Computers (MDC) for each of the four (4) Code Enforcement Vehicles. The MDC will have the capability of using a full size keyboard for entering information into the Code Enforcement database, as well as the ability to run Motor Vehicle query's (license plates and/or Vehicle Identification Numbers). The MDC's will also provide the ability to create a 'call' on the Police Departments database during enforcement of parking related incidents. The tablets that the Code Enforcement Officers currently use are unable to check MVD records, which are now being done through dispatch. The use of this low-priority air time could be detrimental to higher priority radio traffic. Costs are estimated at \$6,500 per unit, installed.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-General	Taxes	\$26,000					\$26,000	\$26,000
Buildings									
Improvements									
Total			\$26,000					\$26,000	\$26,000

PARKS VEHICLE REPLACEMENT

PARKS

Vehicle replacement program identifies replacement based on two basic metrics:

- 100,000 miles and/or excessive maintenance costs
- Replace three (3) parks vehicles for a total cost of \$135K



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10- General	Taxes		\$45,000		\$90,000		\$135,000	\$135,000
Buildings									
Improvements									
Total				\$45,000		\$90,000		\$135,000	\$135,000

PARKS UTILITY VEHICLE REPLACEMENT

PARKS

Replaces 2001 John Deere Gator

- Asset is 15+ years old and at the end of useful life
- Asset will be replaced with Kubota utility vehicle for park operations



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-GENERAL	Taxes	\$10,000					\$10,000	\$10,000
Buildings									
Improvements									
Total			\$10,000					\$10,000	\$10,000

PARKS EQUIPMENT REPLACEMENT

PARKS

Replacement of two multi-use trailers for operations:

- Current trailers have reached the end of useful life (16 yrs old) and need intermittent repairs causing downtime
- New trailers would be equipped with dump system, rack, and tarp system
- Adds to efficiency and eliminates breakdown of trailer



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-GENERAL	Taxes		\$10,000	\$10,000			\$20,000	\$20,000
Buildings									
Improvements									
Total				\$10,000	\$10,000			\$20,000	\$20,000

BASKETBALL COURT RESURFACING

PARKS

Replaces surfaces on basketball courts originally installed in 2016:

- Gateway Park (2 Courts)
- Gentry Park (1 Court)
- Veterans Park (1 Court)



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	10-GENERAL	Taxes					\$30,000	\$30,000	\$30,000
Total							\$30,000	\$30,000	\$30,000

SPLASH PAD UPDATE

PARKS

The Splash pad was originally installed in 2009. It was one of the first in AZ and was designed like a residential pool. Modern splash pads feature flow through systems rather than the current recirculating system. Currently parts and supplies are proprietary and are available only from Canada & Dubai.



Benefits of the update include:

- Lower maintenance cost (labor, supplies, monitoring, permitting)
- No chemical treatment or storage
- Minimize exposure to pathogens for the public
- Updated features will boost attractiveness of the park

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	10-GENERAL	Taxes	\$55,000					\$55,000	\$55,000
Total			\$55,000					\$55,000	\$55,000

HVAC REPLACEMENT PROGRAM

FACILITIES

City facilities have a total of 76 HVAC units. This program will replace up to 5 units per year on a 15 year cycle. HVAC units range from 2 years – 18 years old.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	10-GENERAL	Taxes	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	Annual
Buildings									
Improvements									
Total			\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	Annual

VEHICLE REPLACEMENT

HURF

The vehicle being replaced is unit #8072, a 2007 Ford F-150 with over 100,000 miles. This vehicle has reached the mileage and age threshold for replacement.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	21-HURF	Taxes		\$32,000				\$32,000	\$32,000
Buildings									
Improvements									
Total				\$32,000				\$32,000	\$32,000

RIGHT OF WAY MAINTENANCE EQUIPMENT

HURF

Replacement of current ROW cleanup vehicle including:

- Striping equipment – concrete cutter, striping machine, compactor, jackhammer

This enables crews to efficiently respond to general street maintenance items.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	21- HURF	Taxes	\$10,000			\$40,000		\$50,000	\$50,000
Buildings									
Improvements									
Total			\$10,000			\$40,000		\$50,000	\$50,000

STREETS BEAUTIFICATION PROGRAM TRAILER REPLACEMENT

HURF

Replacement trailer for streets beautification program

- **Heavy duty for right-of-way debris removal**
- **Equipped with lift to improve efficiency of operation**



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	21-HURF	Taxes		\$15,000				\$15,000	\$15,000
Buildings									
Improvements									
Total				\$15,000				\$15,000	\$15,000

SKID STEER LOADER AND ATTACHMENTS

HURF

This request is to replace the City's Skid Steer Loader and attachment used by the Public Works Streets Division. The unit will have reached the end of its useful life and will need repair/replacement in order to continue operation.

The Skid Steer Loader is used for alley and right of way cleanup, grading and dirt work, cleaning of washes, asphalt work, concrete work, and other work performed by the Streets division. The attachment requested is a trencher attachment, which will be used for trenching for electrical or irrigation repairs in the right of way.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

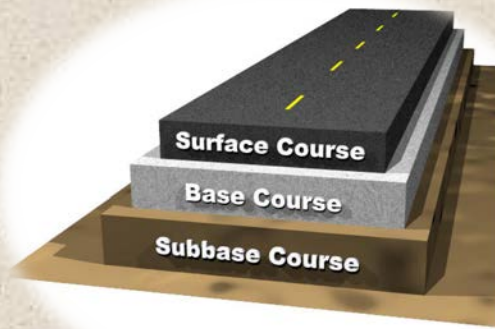
Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	21 – HURF	Taxes					\$54,000	\$54,000	\$54,000
Buildings									
Improvements									
Total							\$54,000	\$54,000	\$54,000

“A” STREET RECONSTRUCTION

HURF

A Street is a main collector road that serves the east half of the City. It is used by over 5,000 vehicles daily.

- Reconstruction covers 4’ of asphalt over an 8” base
- Slope on southern section will be addressed
- Includes striping, RPMs, and concrete replacement where necessary
- Manholes and water valves will be adjusted to new grade



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	21-HURF	Taxes	\$500,000					\$500,000	\$500,000
Total			\$500,000					\$500,000	\$500,000

PAVEMENT MANAGEMENT PROGRAM

HURF

The purpose of the pavement management plan is to perform cost effective street improvements by properly matching the maintenance and rehabilitation methods to the pavement condition to extend the life of the city streets, which will enhance the safety and quality of the City's transportation system and community appearance.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	21 – HURF	Taxes	\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$4,250,000	Annual
Total			\$850,000	\$850,000	\$850,000	\$850,000	\$850,000	\$4,250,000	Annual

BATTERY BACKUP FOR TRAFFIC SIGNALS

HURF

This request is for 6 battery backup systems for traffic signals at:



- **Dysart (in front of DHS)**
- **El Mirage and Cactus**
- **El Mirage and Northern**
- **Dysart and Peoria**
- **Dysart and Cactus**
- **Dysart and Thunderbird**

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	21-HURF	Taxes	\$39,000					\$39,000	\$39,000
Buildings									
Improvements									
Total			\$39,000					\$39,000	\$39,000

WATER VEHICLE REPLACEMENT PROGRAM

WATER

Program identifies replacement based on two basic metrics:

- 100,000 miles and/or excessive maintenance costs
- replace two (2) water vehicles



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	53- WATER	Fees	\$32,000	\$45,000				\$77,000	\$77,000
Buildings									
Improvements									
Total			\$32,000	\$45,000				\$77,000	\$77,000

LEAK DETECTION SYSTEM

WATER

Itron leak detection equipment for the water distribution system.

- Equipment continuously monitors for new, evolving, and pre-existing leaks.
- Interfaces with the City's existing Itron advanced metering infrastructure.
- Reduces non-revenue water loss while minimizing repair costs and potential service disruptions.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees	\$30,000					\$30,000	\$30,000
Total			\$30,000					\$30,000	\$30,000

MOBILE PRESSURE WASHER

WATER

Industrial grade mobile pressure washer needed for Water division operations to allow staff to efficiently complete the following:

- Fire hydrant cleaning (1300 plus hydrants maintained annually)
- Equipment cleaning
- Water storage tank cleaning and degreasing
- Road/sidewalk cleanup after water system repairs
- Graffiti removal



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	53-WATER	Fees	\$16,000					\$16,000	\$16,000
Buildings									
Improvements									
Total			\$16,000					\$16,000	\$16,000

TRIMBLE GPS DATA COLLECTOR

WATER

This is an electronic collection and mapping of coordinates for water system assets including fire hydrants, waterlines, valves, meters, manholes, cleanouts, and backflow devices. This data is necessary to maintain an updated and accurate GIS system (geographic information system).



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

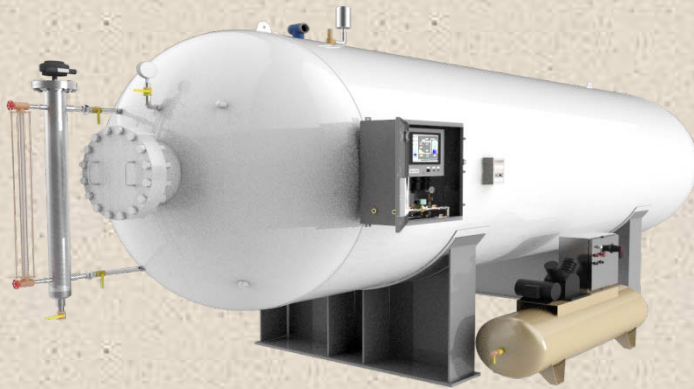
Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	53-WATER	Fees	\$10,000					\$10,000	\$10,000
Buildings									
Improvements									
Total			\$10,000					\$10,000	\$10,000

WELL SITE COMPRESSOR REPLACEMENT

WATER

Multi-year program to replace hydro-pneumatic tank compressors at 6 well sites.

- Existing compressors are reaching their end of useful life.
- New compressors are more efficient, generate less noise, and require less maintenance.
- Shade structures will be installed to increase equipment life.
- All compressors will be replaced over a three year period



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

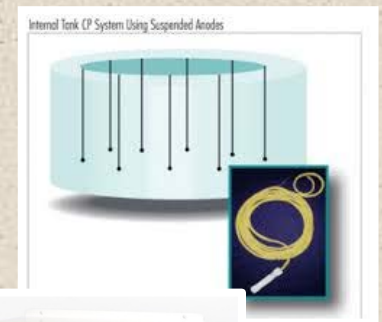
Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	53-WATER	Fees		\$15,000	\$15,000	\$15,000		\$45,000	\$45,000
Buildings									
Improvements									
Total				\$15,000	\$15,000	\$15,000		\$45,000	\$45,000

COTTONWOOD/SUNNYVALE CATHODIC PROTECTION SYSTEM

WATER

Cathodic protection is a cost effective and proven technology used to reduce steel tank corrosion. This project is to complete the final 3 of the city’s steel water storage tanks. Once the project is finished, all 9 of the city’s steel water storage tanks will have cathodic protection. Tanks scheduled:

- Cottonwood well site (1982)
 - 500,000 gallon steel tank
- Sunnyvale well site (1980)
 - 2 – 600,000 gallon steel tanks



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53- WATER	Fees	\$15,000	\$30,000					\$45,000
Total			\$15,000	\$30,000					\$45,000

DISINFECTION SYSTEM UPGRADE

WATER

Multi-year program to upgrade and/or replace existing water disinfection systems at the city’s 9 domestic well sites.

- New systems require less maintenance, have fewer parts, and are more reliable.
- Existing systems (Miox) are 10+ years old and have reached their end of useful life.
- Ensures clean, safe, and reliable drinking water that meets federal regulations.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	Annual
Total			\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	Annual

GRAND AVENUE BOOSTER STATION IMPROVEMENTS

WATER

Complete rebuild of the City’s Grand Ave booster pump station.

- Provides backup water supply to the OTS water system during peak demand.
- Originally constructed in the 1980’s, the station is outdated.
- Project includes: new piping, valves, meter, security wall and lighting.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53- WATER	Fees		\$29,000				\$29,000	\$29,000
Total				\$29,000				\$29,000	\$29,000

WATER STORAGE TANK REHABILITATION PROGRAM

WATER

Water pressure and distribution in most communities is maintained via steel water storage tanks, which operate relatively maintenance and trouble free for extended multi-year periods. However, the time comes when gradual corrosion, or even ‘loss-of-curb’ appeal, can result in this mostly ‘passive’ infrastructure requiring upgrades. Therefore, a rehabilitation program should be designed to ensure asset preservation, process water quality improvements, and operator safety. The City has a total of 10 water storage



tanks within the water distribution system. This project is to rehab one storage tank. Through operations, all 10 tanks will be thoroughly inspected by the end of fiscal year 17/18 and a prioritized schedule will be developed for the remaining tanks. This maintenance program will prolong the tanks useful life and ensure high quality, safe, and reliable drinking water is provided to the public.

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-Water	Fees	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	Annual
Total			\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	Annual

WELL SITE AC UNIT REPLACEMENT

WATER

Multi-year program to upgrade air conditioning units at the City’s well sites.

- Proper cooling is vital to maintain efficient operation of each well site and extend the life of existing electrical equipment.
- New units will be more energy efficient and reliable.
- Styles consist of wall mount, package, terminal and cabinet type air conditioners.
- Program will systematically replace all units based on age and condition over a period of 8 years.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	53-WATER	Fees	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	Annual
Buildings									
Improvements									
Total			\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	Annual

WELL SITE BUILDING REPAIRS

WATER

Building repairs needed at two of the City's well sites (Sunnyvale & Cottonwood). Corrosion of the block walls due to the use of sodium chloride during onsite generation of Chlorine has caused significant structural damages. The repairs would include replacing the damaged block walls and coating the new walls with a sealant that will prevent future damage



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings	53-Water	Fees	\$40,000					\$40,000	\$40,000
Improvements									
Total			\$40,000					\$40,000	\$40,000

WELL SITE PLC UPGRADE (PHASE II)

WATER

- Upgrade the remaining 5 well sites with new PLC's (programmable logic control).
- PLC's control the critical functions which include:
 - Automated pump operations
 - System monitoring and alarms (SCADA)
 - Automated control of system pressures and water storage levels
- Existing PLC's are 17 plus years old, reached their end of life, and considered obsolete.
- Once the project is complete, all 9 of the city's domestic well sites will be upgraded.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	53-WATER	Fees	\$230,000					\$230,000	\$230,000
Buildings									
Improvements									
Total			\$230,000					\$230,000	\$230,000

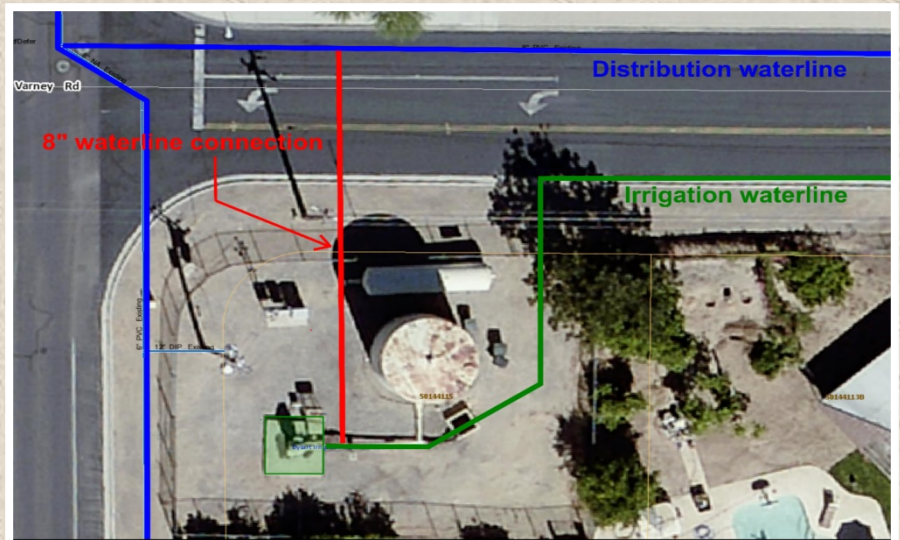
DISTRIBUTION SYSTEM BACKUP SUPPLY

WATER-IRRIGATION

Construction of a waterline connection to the City’s distribution system to provide emergency backup water supply to the Dysart irrigation system.

Project includes:

- 8” waterline tap & connection
- Backflow prevention assembly
- Mag meter
- Control valves
- Traffic control & testing



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees	\$35,000					\$35,000	\$35,000
Total			\$35,000					\$35,000	\$35,000

IRRIGATION WELL SITE SECURITY IMPROVEMENTS

WATER-IRRIGATION

Security improvements needed at the Dysart irrigation well site.

Project will increase security, provide visual appeal, and reduce site noise.

Design will match other City well sites. Project includes:

- Removal of existing chain link fence
- Construction of a CMU 8' block wall
- Steel sliding gates and door way
- Security lighting & signage



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53- WATER	Fees	\$27,000					\$27,000	\$27,000
Total			\$27,000					\$27,000	\$27,000

MISCELLANEOUS CAPITAL

WATER-IRRIGATION



Request to modify existing Miscellaneous Capital budget of \$10,000 per year to a one-time budget of \$100,000 in FY 20/21 to complete well maintenance. Well maintenance includes video inspection, brushing and bailing (well casing cleaning), repair and/or replacement of column piping, repair and/or replacement of well pump and motor. Preventive maintenance will be scheduled every 10 years.

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees			\$100,000			\$100,000	\$100,000
Total					\$100,000			\$100,000	\$100,000

WELL DISCHARGE PIPING SYSTEM

WATER-IRRIGATION

Upgrade to the existing well discharge piping at the Dysart irrigation well site. Existing piping is approximately 40 years old and is in poor structural condition. New piping will ensure proper operation and accurate metering of the well. Project upgrades include piping and all associated fittings, check valves, electromagnetic meter and air release valve .



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees	\$15,000					\$15,000	\$15,000
Total			\$15,000					\$15,000	\$15,000

FORKLIFT REPLACEMENT

SEWER

Replacement of a 2008 Doosan forklift (unit # 9150)

- Needed for moving sludge bins and pulling pumps at the WRF.
- Current forklift is undersized and under-equipped.
- New forklift will allow staff to safely pull any pump.
- Eliminates outsourcing costs.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	54-SEWER	Fees	\$50,000					\$50,000	\$50,000
Buildings									
Improvements									
Total			\$50,000					\$50,000	\$50,000

VACTOR TRUCK REPLACEMENT

SEWER

Request replaces 1996 Vactor combination sewer cleaning truck (unit # 8698)

- Used to clean the City’s sewer system, respond to emergency blockages, and excavation for complex water system repairs.
- Vehicle is 22 years old, has over 200,000 miles, and has reached its end of useful life.
- Will be replaced with a more compact and efficient Vac-Con truck.
- Grant funding for this vehicle is being pursued.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	54-SEWER	Fees			\$400,000			\$400,000	\$400,000
Buildings									
Improvements									
Total					\$400,000			\$400,000	\$400,000

WASTEWATER PROCESS EQUIPMENT IMPROVEMENTS

SEWER

This project is a multi-year program to upgrade and/or replace critical wastewater process equipment which include the following: pumps, motors, blowers, centrifuge, belt press, filters, decanters, aerators, disinfection systems, VFD's, and PLC's. Process equipment is essential to operate the WW Reclamation Facility.



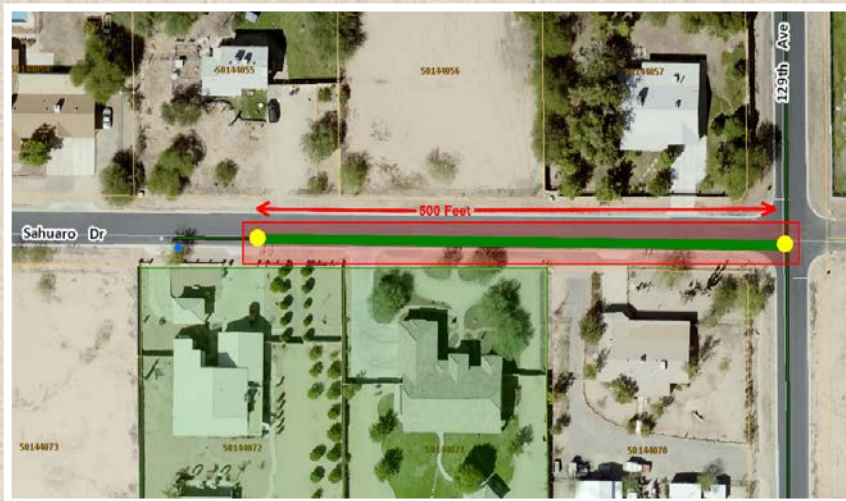
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment	54 –	Fees	\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$900,000	Annual
Buildings									
Improvements									
Total			\$180,000	\$180,000	\$180,000	\$180,000	\$180,000	\$900,000	Annual

MAIN LINE REPLACEMENT WEST SAHUARO DR

SEWER

Replacement of approximately 500 feet of 8” sewer main on W. Sahuaro Drive. Improper compaction during original construction has caused the sewer main to settle resulting in 120’ of low areas (sag) and 280 feet of insufficient slope. Project includes One (1) new manhole , 500 feet of new 8” SDR-35 sewer pipe, residential lateral connections and pavement restoration.



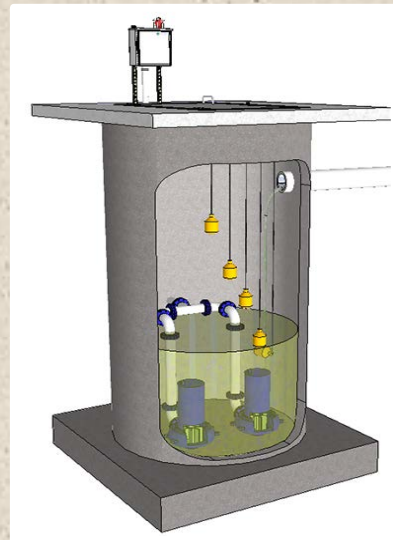
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	54- SEWER	Fees	\$90,000					\$90,000	\$90,000
Total			\$90,000					\$90,000	\$90,000

BRISAS LIFT STATION CONTROLS UPGRADE

SEWER

Motor controls upgrade at the City’s Brisas sewer lift station. Original controls were installed during construction of the station in 2001. Electrical components are now 17 years old and have reached end of useful life. New controls and software will increase the stations efficiency and reliability.



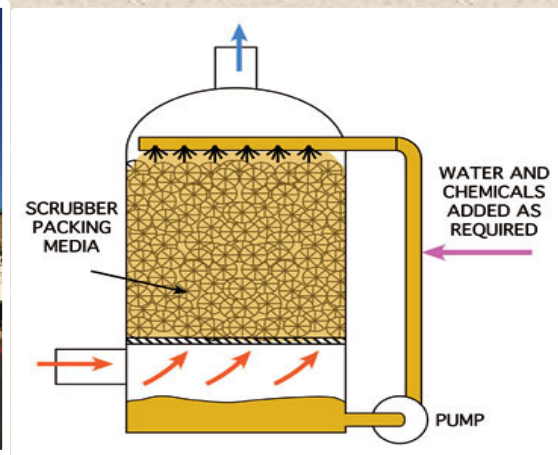
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees	\$65,000					\$65,000	\$65,000
Total			\$65,000					\$65,000	\$65,000

ODOR SCRUBBERS MEDIA REPLACEMENT

SEWER

Replacement of packing media for two odor scrubbers units at the WRF. Odor control is necessary to maintain environmental compliance. Existing media is 17 years old and is losing effectiveness. Manufacturer (US Filters) recommends replacement every 15 years.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	53-WATER	Fees	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	Annual
Total			\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	Annual

WASTEWATER RECLAMATION FACILITY DESIGN

SEWER

Design phase of an expansion of the Wastewater Reclamation Facility to meet wastewater demands. Design is required when the existing plant daily processing reaches 80% of capacity.



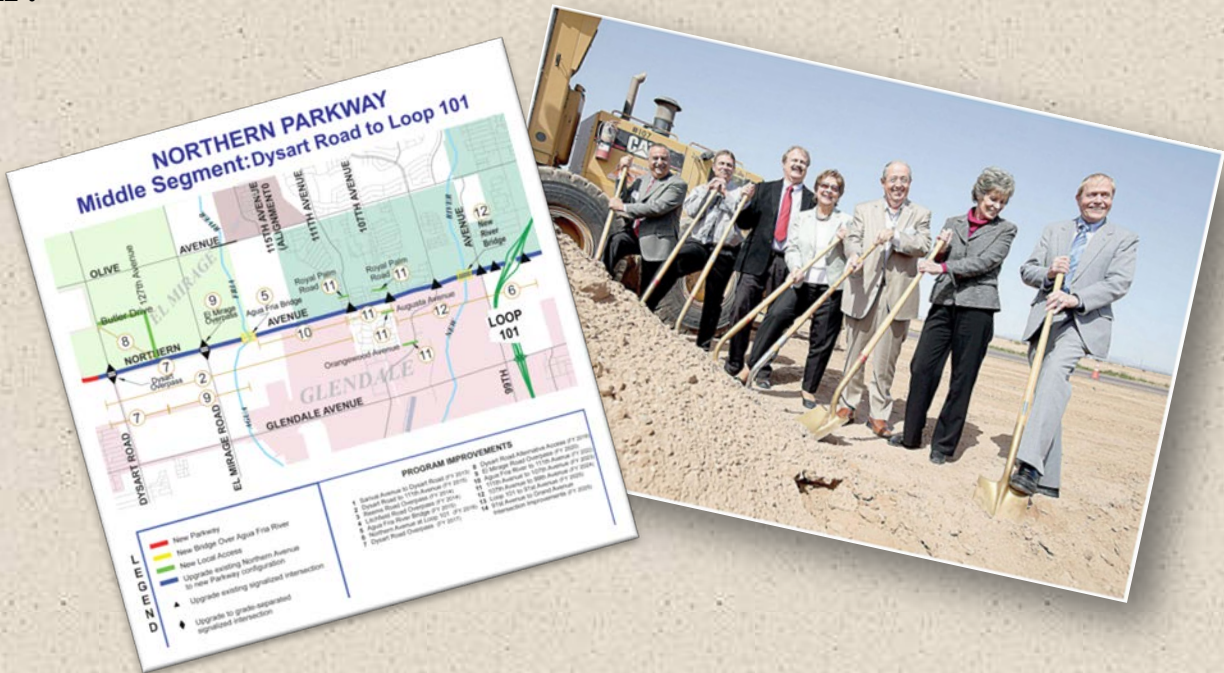
CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design	54 – Sewer	Fees		\$500,000				\$500,000	\$500,000
Land									
Equipment									
Buildings									
Improvements									
Total				\$500,000				\$500,000	\$500,000

NORTHERN PARKWAY IMPROVEMENTS

STREETS

Northern Avenue is to be widened into an expressway/parkway configuration. Northern Parkway is to be widened as a road of regional significance. Costs include Design Concept Report, design, ROW acquisition, and construction shared between project partners El Mirage, Glendale, Peoria, Maricopa County, and MAG. Regional funding extends beyond the current five year CIP.



CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

Category:	Fund	Funding Source:	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	5 YEAR TOTAL	PROJECT TOTAL
Design									
Land									
Equipment									
Buildings									
Improvements	56-Capital Streets	Taxes	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$7,974,500
Total			\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$7,974,500

CAPITAL ITEMS BY DEPARTMENT FY23/24 – FY25/26

IT – Replacement of 6 Firewalls \$30,000

IT – Replacement of 4 Servers \$30,000

HURF – MAG Funded Street Sweeper \$250,000

Engineering – Vehicle Replacement (2) \$60,000

CAPITAL BUDGET- BY CATEGORY AND FISCAL YEAR(S) FUNDS REQUESTED

<u>Department</u>	Fund	Funding Source:	FY 23/24	FY 24/25	FY 25/26	3 YEAR TOTAL	PROJECT TOTAL
IT	10- General	Taxes		\$30,000		\$30,000	\$30,000
IT	10- General	Taxes		\$30,000		\$30,000	\$30,000
HURF	21- HURF	Grants		\$250,000		\$250,000	\$250,000
ENGINEERING	53- Water	Fees	\$60,000			\$60,000	\$60,000
Total			\$60,000	\$310,000		\$310,000	\$310,000



Glossary

Accrual Basis	A basis of accounting in which transactions are recognized at the time they are incurred, as opposed to when cash is received or spent
Adoption	Formal action by the City Council to approve a document (Budget; Capital Improvements Plan; etc.) for the fiscal year
Appropriation	Specific amount of monies authorized by the City Council for the purposes of incurring obligations and acquiring goods and services
Assessed Valuation	A value set upon real property by the County Assessor for the purpose of levying property taxes
Base Budget	The ongoing expense for personnel, contractual services, commodities, and the replacement of equipment to maintain service levels previously established by the City Council
Bonds	A certificate of debt guaranteeing a payment of a specified amount of money by a specified future date
Budget	Financial plan of estimated expenditures and anticipated resources adopted for a specific period of time outlining a plan for achieving Council goals and objectives
Capital Items	Non-consumable items with a useful life of more than one year and an initial individual price exceeding \$5,000
Capital Projects Budget	The expenditures of revenues for major capital projects and items such as city buildings, parks, acquisition of land, major street construction and reconstruction, water and sewer lines and any other project which adds to the capital assets or infrastructure of the City
Cash Basis	A basis of accounting in which transactions are recognized only when cash is increased or decreased

CIP	Capital Improvements Plan
Contingency	Monies which have not been allocated to any specific purpose and may only be utilized in conjunction with Council notification
Capital Projects Funds	This fund accounts for resources providing for the acquisition or construction of all capital facilities and items
Debt Service	Principal and interest payments on borrowed funds such as bonds
Debt Service Funds	Used to account for the accumulation of resources for, and the payment of, general long-term debt, principal and interest
Encumbrance	Accounting concept that recognizes a commitment to expend resources in the future
Enterprise Fund	Used to account for the business-type activities of a government. These are activities which are financed and operated in a manner where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges
Estimated Revenue	The amount of projected revenue to be collected during the fiscal year
Expenditure	Represents a decrease in fund resources for the acquisition of goods or services
Expenditure Limitation	An amendment to the Arizona State Constitution that limits annual expenditures of all municipalities. The Economic Estimates Commission sets the limit based upon population growth and inflation.
F.T.E.	Full Time Equivalent – 2080 hours worked equates to 1.0 full time equivalent position
Fiscal Year	Any period of twelve consecutive months that establishes the beginning and the ending of financial transactions. For the City of El Mirage this period begins July 1 and ends June 30
Fund	A set of self-balancing accounts that record revenues and

Fund Balance	expenditures associated with specific activities Carry over funds due to actual revenues exceeding actual expenditures
General Fund	The fund used to measure all financial transactions of the municipality except those required by law or agreement to be accounted for in another fund. The general fund is the primary operating fund of the City.
General Obligation (G.O.) Bond	Type of bond backed by full faith and credit of the City
Grant	A contribution by the State or Federal government or other organization to support a particular function
Highway User Revenue Fund (HURF)	This revenue source consists of state taxes collected on gasoline, vehicle licenses, and a number of other additional transportation related fees. These funds must be used for street and highway purposes
Infrastructure	Facilities on which the continuance and growth of a community depend on such as roads, water lines, sewers, public buildings, parks, airports, etc
Intergovernmental Revenue (Shared)	Revenue received from other governmental agencies (e.g., State Sales Tax, State Income Tax, gasoline tax, motor vehicle license)
Long Term Debt	Debt with a maturity of more than one year after the date of issuance
Maintenance and Operation (M&O) Costs	The day-to-day operating and maintenance cost of a municipality including such things as personnel, gas, electric utility bills, telephone expense, reproduction costs, postage and vehicle maintenance
Objectives	A desired outcome that is measurable and that can be achieved within a specific time frame
Operating Budget	A budget for the delivery of ongoing City services, to include expenditures such as personal services, contractual services, commodities, and operating capital items
Primary Property Tax	A limited tax levy used for general government operations. State statute restricts the total levy to a 2% annual increase plus an increase for any new construction and / or annexation

Property Tax Rate	The amount of tax levied for each \$100 of assessed valuation
Reserves	Money that has been set aside in the event of revenue shortfalls
Resources	Total monies available for appropriation purposes to include revenues, fund balances, transfers and other financing services (i.e., bond proceeds)
Revenue Bond	Bonds that are backed by revenues from a specific system (i.e., Water and Sewer Revenue Bonds are payable from water and sewer revenues)
Revenue	Resources achieved from taxes, user charges/fees, and other levels of government
ROW	Right of Way
Secondary Property Tax	Voter approved tax levy which can only be used to retire general bonded debt obligations
Special Revenue Funds	Used to record the receipt of funding from specific revenue sources (other than special assessments, trusts, or major capital projects) that are legally restricted to expenditure for specific purposes
Tax Levy	The total amount to be raised by general property taxes for purposes specified in the Tax Levy ordinance
Transfer	An inter-fund transaction where one fund contributes resources to another fund where the resources are expended