

# City of Sedona Capital Improvement Program Fiscal Years – 2014-2023

# Introduction

The Capital Improvement Program (CIP) is a comprehensive multi-year plan of proposed capital projects. It represents the City's plan for physical development, and is intended to identify and balance capital needs within the fiscal capabilities and limitations of the City. The plan is reviewed each year to reflect changing priorities and provides an ongoing framework for identifying capital requirements, scheduling projects over a period of years, coordinating related projects, and identifying future fiscal impacts.

Generally the CIP includes improvements that are relatively expensive, have a multi-year useful life, and like capital outlay items, result in fixed assets. These include the construction of new buildings, additions to or renovations of existing buildings, construction of streets, sewer improvements, land purchases, and major software or equipment purchases. Due to the nature and total costs of the identified projects, the City often builds up revenue over a period of time in order to save for major projects, therefore, a major source of revenue is the City's "Capital Reserve". The reserve funds identified represent existing available funds that were accumulated

over time when revenues exceeded expenditures, in order to be able to fund major capital expenditures. However, projects could be simultaneously funded from general operating funds, grants, intergovernmental funding, and/or bond funds or other debt financing.

The first year of the CIP Program is the basis for actual appropriations authorized by the City Council for capital projects when adopting the Annual Budget. The remaining nine years are a guide for the future development of the City's new and replacement infrastructure needs. The overall CIP schedule is formulated to reflect City priorities and needs, by taking into consideration the City's goals and policies, various master and strategic plans, urgency of a project, the City's



ability to administer a project, the involvement of outside agencies, and the potential for future project funding and ongoing operational requirements.

Much of the work involved in the development of the CIP consists of balancing the available sources of financing with the various capital needs. The CIP is a dynamic process, with anticipated projects being changed, added, and deleted from the plan as the ten-year timeline moves forward.

# Capital Projects

The purpose of the Capital Improvement Program (CIP) is to systematically identify, plan, schedule, finance, track and monitor capital projects. Most capital outlay in excess of \$50,000 is included in the Capital Improvement Program, rather than the operating budget. Items under \$50,000, or items that involve operation and maintenance, will be included in the operating budget in the appropriate line item category.

The objectives used to develop the CIP are:

- To preserve and improve the basic infrastructure of the City through public facility construction and rehabilitation.
- To maximize the useful life of capital investments by scheduling renovations and modifications at the appropriate time in the life-cycle of the facility.
- o To identify and examine current and future infrastructure needs and establish priorities among projects so that available resources are used to the community's best advantage.
- To improve the financial planning by comparing needs with resources, estimating future needs, and identifying fiscal implications.

# Capital projects:

- Are defined as activities that lead to the acquisition, construction, or extension of the useful life of capital assets.
- Are considered to be one-time outlay, which are non-recurring in nature.
- Must have a total cost greater than \$50,000 and a useful life of more than five years.
- Capital projects must add to, enhance the value of, or extend the life of the City's physical assets.
- Projects can include studies that may lead to activities fitting within this definition of a capital project.

The Fiscal Year 2014 – 2023 Capital Improvement Program provides an implementation schedule for each of the capital improvements that provides for the coordination and timing of project construction/acquisition amongst other competing needs, an estimate of each project's costs, anticipated sources of revenue for financing the project, and an estimate of the impact of each project on City revenues and ongoing operating budgets.

Operating impact information has been forecasted from scheduled date of the capital improvement project. No capital project will be funded unless operating impacts have been assessed and the necessary funds can be reasonably anticipated to be available when needed.

The Fiscal Year 2014 capital plan attempts to meet the highest priority needs of the community. While all projects proposed within the first year of the plan will have a corresponding funding source tied to them, the "out years" represent the projects and timing that have been identified as priorities or needs, but these projects do not necessarily have funding sources identified to support them. The Capital Plan will have to be continually re-evaluated in the future to insure that it is consistent with the priorities of the City Council, with sound financial practices, and the available resources of the City.

The major items of the ten year 2014-2023 Capital Improvement Program are categorized by broad service area, then itemized by project title, year, and cost on the summary sheet of the CIP document. The project detail sheets for each individual project follow the summary sheet. The first year of the CIP is included in the current fiscal year budget and totals \$16,983,424.

Included in the Capital Improvement Program are projects in the areas of:

Art in Public Places

Community Development

Information Technology

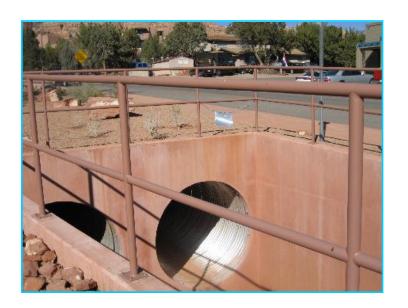
Parks and Recreation

Police

**Public Works** 

Drainage

Wastewater



# Capital Outlay in the Operating Budget

In addition to the Capital Improvement Program, the City funds a vehicle replacement plan and computer/server refresh plan out of the general fund. These plans provide replacements for capital equipment such as vehicles and technology related equipment as the existing infrastructure meets its useful life. Finally, the City funds a street overlay plan that seeks to overlay the public streets within the City every 20 years. The street overlay program is funded from dedicated Highway User Revenue Funds that are restricted for use in public rights of way, and are provided to the City based on a population formula that accounts for the City, County and State ratio.

# Capital Improvement Program Development Process

In developing the CIP, staff looked at a variety of comprehensive assessments of the City's capital assets and priorities in order to provide a more complete understanding of the City's future needs. These have included: the Sedona Community Plan; Prior Year Capital Budgets and Requests; Current and Prior City Strategic Plans; City Council Priorities; Development Impact Fee Study; Storm Drainage Master Plan; 10 Year Wastewater Study; West Sedona North/South Off-Highway Circulation Study; and the newly completed Parks and Recreation Master Plan.



studies These and planning documents serve as the foundation for the staff recommendations set forth in the attached Capital Improvement Program. As the City moves forward, and particular as the priorities and needs of the community change, we must continue to assess the ongoing infrastructure needs and project priorities.

# **CIP Committee**

The annual Capital Improvement Plan process begins at the staff level with the CIP Committee, which for the FY 2014 through FY 2023 planning process included: Karen Daines, Assistant City Manager; Barbara Ashley, Director of Finance; Ray Cota, Chief of Police; Todd Carpenter, Director of Wastewater; Charles Mosley, Director of Public Works; Andy Dickey, Assistant Director of Public Works; Audree Juhlin, Acting Director of Community Development; John Smith, IT Manager; and Rachel Murdoch, Acting Parks and Recreation Manager.

To start the process, a CIP kickoff was held with the City staff committee members, at which time each department was asked to anticipate their capital needs over the next ten years and to prepare capital project requests in accordance with the established CIP requirements. These project requests provided a basis for review, assessment of appropriateness for capital funding, and prioritization of projects for the ten-year plan. The CIP Committee included XX proposed capital projects that were submitted by the various City departments.

The Committee then presented the proposed CIP to the City Manager and Finance Department for feedback and input, including available and appropriate funding sources. In addition, the CIP will be presented to the Planning and Zoning Commission, Parks and Recreation Commission, and Budget Oversight Commission for their review and comment and all members of the public are invited to those meetings. In addition one general public meeting will be held.

The public meetings are as follows:

- January 31, 2013 3:30 p.m.- Planning and Zoning Commission
- February 14, 2013 3:30 p.m.- Planning and Zoning Commission
- February 19, 2013 5:00 p.m. General Public Meeting on the CIP
- February 20, 2013 10:00 a.m. Budget Oversight Commission
- February 25, 2013 5:00 p.m. Parks and Recreation Commission



Information and public comment obtained through these meetings will be submitted to the Sedona City Council. The City Council will review the proposed CIP in April.

# **Council Action**

Formal City Council adoption of the Capital Improvement Plan indicates the City's commitment to the plan, but does not in itself authorize expenditures. The necessary funding mechanisms must be adopted each year to pay for the improvements – year one is the approved Capital Budget for which Council approval authorizes expenditures, with years two through ten reflecting the City's conceptual plan for improvements. In addition to the projects included in the plan, staff has also complied a "future years" column is shown– this section conceptually represents years six through ten in order to more fully present the Council and the public with the City's future capital infrastructure needs. The future years column also recognizes requested projects that were not recommended for funding in the first five years but should be considered in future iterations of the plan.

# **Future Concepts**

The projects included in the Draft Capital Improvement Program do not necessarily represent the full breadth of projects that have been identified by the citizens, civic groups, regional agencies, the business community, and/or staff or individual City councilors as having merit or being in need of exploration. The vehicle for bringing these types of projects ideas to the attention of the City Council is to identify them as "future concepts" and discuss them in addition to the projects identified to be included in the Draft Program before you today.

The "future projects" list is included in the CIP packet and can be found on the final page of the document. The City Council has the prerogative to determine if one or more of these projects elevates to a higher level of priority and in such cases the Council can direct staff to include a project(s) in the Plan itself.



# Funding the Capital Improvement Plan

# Multi Year Capital Improvement Funding and Funding Sources

The City of Sedona has developed a multi-year plan for capital improvement funding that anticipates revenue/funding from a variety of sources. This plan is part of the ongoing effort by the City Council and Management to meet the needs of our community, by most efficiently utilizing existing revenue sources and limiting increases in the tax burden within the City. This strategy includes managing the cost of capital projects, utilizing alternative funding sources (grants) when possible, and identifying possible funding shortfalls in order to reprioritize projects or recommend new sources of revenue (typically fees or taxes). In order to do so, and in recognizing the need to balance the projects requested with the funds available, as well as the capacity for staff and the physical environment to manage a set of projects at any one time, projects may have a high priority but not begin in the first fiscal year of the plan.

The anticipated funding sources include both restricted and unrestricted sources of funds. Restricted sources are sources that must be used for specific projects. Unrestricted sources are those that can be used for a variety of projects as needed. Restricted sources include: Development Impact Fees, Community Facility District Funds, Grants and Wastewater Revenue. Unrestricted Sources include Local Sales Taxes and Reserves/Fund Balance (accumulated savings).

The anticipated funding sources serve as a plan for staff to use in order to plan and move forward with projects. If a project shows anticipated grant funding, staff will need to aggressively pursue grant funding in order for that project to move forward in a timely manner. If grant funding is not achieved, that project may not move forward, or other projects will have to be delayed in order to fund the entire project from City revenue. A brief description of each revenue/funding source follows.

**Community Facility District Funds:** These funds account for payments in lieu of sales tax from specific timeshare development agreements. The funds are restricted by state statute and each executed development agreement.

**Development Impact Fees:** Fees assessed to offset costs incurred by the municipality in providing additional public services created by new development. This funding is regulated by local ordinance and state statute and highly restricted.

**Grants:** Funds contributed by another governmental unit or organization to support a particular function or project.

Wastewater Revenue: User Fees and Capacity Fees that are collected and used to pay the current wastewater debt, operation, and capital improvements for the Wastewater Treatment

System. Wastewater Revenue also includes approximately 40% of the local sales tax collected annually, and existing fund balance (accumulated savings) created over time in order to fund future wastewater related projects.



Reserves or Fund Balance: The amount of assets in excess of the liabilities or appropriations for expenditures also known as surplus funds. Sedona's Financial Policies require general fund balance reserves of at least 50% of General Fund expenditures at the end of the fiscal year. The City also has a fund balance policy to target a reserve level of one year of debt service, 10% of operating expense, and 20% of capital contingency in Wastewater Fund fund balance. Both are in excess of existing requirements. Other funds have fund balances that are available for use as needed and within the legal restrictions of the revenues that make up each fund.

**Local Sales Taxes:** The City assesses a 3% Transaction Privilege Tax (commonly referred to as a sales tax) on taxable transactions according to Arizona Revised Statutes and the Model City Tax Code.

In Spring of 2010, Council made a policy change to the distribution of local retail sales taxes between the General Fund, Wastewater Fund and Capital Fund. The formula prior to the change, distributed the sales tax automatically at 37%, 46% & 17%, respectively. Now, the split is 60% General Fund and 40% Wastewater Fund with anticipated decreases in the annual contribution to the wastewater fund over the next several years. A new wastewater rate study is

being commissioned in FY2012-2013 and those fee recommendations would begin to be implemented in FY 2014-2015.

**Debt Financing:** Current revenues or resources may not always be available for capital improvement projects. When a critical project must be completed various forms of financing may be appropriate. In the cases where debt is used as a financing strategy, consideration will be given first to those capital assets with the longest useful life and/or to those capital assets whose nature makes them comparatively more favorable to finance. Using cash for projects with shorter lives and financing for projects with longer lives facilitates "intergenerational equity," wherein projects with long useful lives are paid over several generations using the project through debt service payments.

# Capital Improvement Plan Categories

All projects submitted for consideration to the Capital Improvement Plan Committee will be categorized according to the following criteria: This categorization can be helpful in determining project priorities.

<u>CATEGORY 1:</u> Projects that cannot reasonably be postponed without causing harmful or otherwise undesirable consequences.

- **1. Ensures public health, safety and welfare.** The project is needed to address an imperative public health, safety or welfare issue.
- **2. Satisfies or meets a legal requirement, liability, or mandate.** A project that is required by federal or state statue, court order, or regulation, or a project that moves the City into further compliance with such mandates or a project that addresses a previous legal judgment (e.g., Stormwater Pollution Prevention Plan,

Arizona Department of Environmental Quality, Department of Justice (ADA)).

3. Alleviates an emergency service disruption or prevents irreparable damage to a valuable public facility.

A project that eliminates or reduces

obvious hazards or threats to public health and safety (e.g., park facilities



repairs, roads, wastewater system, mold remediation, repairs to buildings that add a component that increases the life of the facility or its safe utilization).

- **4. Eliminates or substantially reduces a previously identified capital need.** A project that eliminates or reduces existing capital deficit (i.e., fee adjustment or implementation study, a project that measurably increases tourist expenditure, a connector road that has been identified as an important connection to bring neighborhood traffic onto SR 89A at a traffic light).
- **5. Identified as a top City Council Priority.** A project directly related to the current City Council priority list:
  - Focus on sound financial management practices and implement processes that improve public information about the City's financial status.
  - Make sustainability a community priority that balances and integrates economic and environmental factors as considerations for policies and practices.
  - Review and incorporate current practices with new mediums that will specifically reach Sedona's population and continuously improve methods for public communication/outreach/education.
  - Support Improved Safety on 89A for all modes of transportation and seek alternative safety measures to continuous roadway lighting.
  - Council emphasis on visionary ideas and goals through broad public input to inspire a
     Community Plan Update that will have long-term viability.
  - Formulate clear policies for construction of future extensions, cost recovery for extensions, and management strategies for the Wastewater Treatment System.

**CATEGORY 2:** Essential projects that meet clearly demonstrated needs or objectives.

- 1. Provides a new or expanded level of service and has a time sensitivity element. A project that improves service quality or provides for higher standards of service and needs to be completed within a certain time frame. Stimulates or supports economic growth, private capital investment or revenue generation.
- 2. Stimulates or supports economic growth, private capital investment, and/or revenue generation. A project that directly or indirectly supports or benefits economic development, job growth, and/or increased local municipal



revenues (e. g., park facilities, recreation programs and other recreational amenities, transportation improvements, etc.). The project must provide a tangible, measurable result within five years.

- **3. Reduces future maintenance and operating costs.** A project that lowers operating expenditures or that increases productivity. A project that rehabilitates infrastructure to improve its use or lower its annual maintenance cost (e.g., facility improvements, synthetic turf, solar projects). The project must be able to recover its cost within 5 years.
- **4. Outside funding is available.** A project that can be financed with non-general government revenue sources (e.g., federal appropriations, state appropriations, sewer fees, impact fees, grants and loans.)

**CATEGORY 3:** Projects that benefit the community, but could be delayed without impairing services.

- 1. Promotes environmental sustainability in the community in ways not addressed under other priorities. A project that leads to the reduction in use, or increases in reuse, or recycling of material resources.
- 2. Promotes intergovernmental cooperation and other partnership opportunities. A project that encourages partnership and collaboration between various public entities (local municipalities and government entities, School District, Fire District, Library District, etc.), community groups (neighborhood associations, social and human service organizations, service clubs, recreation organizations, etc), private organizations (Chamber of Commerce, business interest groups, property owners, builders, etc) and individuals to implement.
- **3.** Enhances or improves cultural, recreational, natural resources and aesthetic values. A project that contributes to the implementation of the community's vision regarding quality of life.
- **4.** Provides a new or expanded level of service and has no time sensitivity element. A project that improves service quality or provides for higher standards of service but has no associated time constraints for implementation
- **5. Community benefit or need has not yet been determined.** A project for which community support is unknown. A project that may have controversial aspects.

# CITY OF SEDONA CAPITAL IMPROVEMENT PLAN FY 2014 - FY2023 PROJECT LIST BY MAJOR PROGRAM

				PROJEC	LISTB	Y MAJO	RPROGE	RAM					
PROJECT NAME	Page #	Project #	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	TOTAL
ART IN PUBLIC PLACES													
Art in the Roundabouts	1	2013-122	\$65,000	\$0	\$0	\$65,000	\$0	\$0	\$65,000	\$0	\$0	\$65,000	\$260,000
Schnebly Home Rehabilitation	2		\$0	\$25,000	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
Subtotal			\$65,000	\$25,000	\$45,000	\$65,000	\$0	\$0	\$65,000	\$0	\$0	\$65,000	\$330,000
COMMUNITY DEVELOPMENT													
INFORMATION TECHNOLOGY													
PARKS AND RECREATION													
Barbara Antonsen Park (Carryover)	4	2012-101	\$836,371	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$836,371
Sugarloaf Trailhead Parking Lot Expansion	5	2012-314	\$0	\$0	\$43,000	\$75,750	\$0	\$0	\$0	\$0	\$0	\$0	\$118,750
Pool Slide (Carryover)	6		\$90,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,800
Park Land Acquisition	7	2013-335	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Jordan Historical Park Museum & Office Space	8	2012-306	\$0	\$0	\$75,000	\$454,500	\$0	\$0	\$0	\$0	\$0	\$0	\$529,500
Park/Trail Easement Acquisition	9	2012-204	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
Posse Grounds Park Playground and Shade Structure**	10	2012-311	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Shade Structure- Sunset Park	11	2012-312	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Splash Pad at Sunset Park	12	2013-101	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Feasibility Study of a Multi-Purpose Facility at the Wastewater Treatment Plant	13	2013-104	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Bike Skills Park**	14		\$30,000	\$50,500	\$60,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$141,100
Recreation Component at the Wetlands (Carryover)	15		\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Subtotal			\$2,787,171	\$220,000	\$528,600	\$630,250	\$100,000	\$0	\$0	\$0	\$0	\$0	\$4,316,521

PROJECT NAME	Page	Project #	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	TOTAL
POLICE													
Parking Enforcement Program (Carryover)	16	2013-130	\$50,500	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,500
Shooting Range Improvements**	17	2012-115	\$105,950	\$215,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$320,950
Police Facility Renovations**	18		\$8,000	\$151,500	\$151,500	\$151,500	\$0	\$0	\$0	\$0	\$0	\$0	\$462,500
Radio Communications Enhancement	19		\$130,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000
Subtotal PUBLIC WORKS	Ī		\$294,450	\$841,500	\$151,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,438,950
Andante Sidewalk SR 89A to Sandborn**	20	2012-106	\$0	\$0	\$1,356,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,356,000
Public Works Maintenance Yard (Carryover)	21	2013-345	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Ranger Brewer 89A Intersection	22	2012-114	\$0	\$0	\$0	\$0	\$500,000	\$1,262,500	\$1,262,500	\$0	\$0	\$0	\$3,025,000
Sanborn Road Sidewalk	23	2012-208	\$0	\$0	\$225,000	\$225,000	\$0	\$0	\$1,640,000	\$1,640,000	\$0	\$0	\$3,730,000
Sanborn Rodeo Sidewalk	24	2012-310	\$0	\$0	\$262,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,000
Sunshine Lane Safety Improvements (Carryover)	25	2013-146	\$142,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,800
Chapel Road Sidewalk	26	2012-130	\$0	\$0	\$130,000	\$1,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,165,000
Coffee Pot Sidewalk	27	2012-304	\$0	\$115,000	\$606,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$721,000
Fire Hydrants	28	2012-107	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$500,000
Navoti-Calle de Sol Intersection	29	2012-307	\$0	\$0	\$80,000	\$0	\$202,000	\$202,000	\$0	\$0	\$0	\$0	\$484,000
Back O' Beyond Road Low Water Crossing Improvements	30	2012-302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$150,000	\$1,515,000	\$1,715,000
SR 89A Landscape Improvement	31	2013-313	\$0	\$0	\$176,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$176,750
Uptown 89A Roadway Improvements	32		\$75,000	\$606,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$681,000
Airport Road Improvements	33		\$711,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$711,000
West Sedona School Safe Routes to School Growing Safe Routes Neighbors Project*	34		\$39,500	\$62,500	\$220,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$322,500
Subtotal			\$1,188,300	\$783,500	\$3,156,250	\$1,260,000	\$802,000	\$1,464,500	\$3,002,500	\$1,690,000	\$250,000	\$1,515,000	\$15,112,050

PROJECT NAME	Page #	Project #	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	TOTAL
DRAINAGE													
City Hall Drainage (Carryover)	35	2012-122	\$193,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$193,936
Harmony-Windsong Phase 4 Drainage**	36	2012-110	\$1,264,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,264,360
AAA Industrial Park Drainage	37	2013-230	\$1,066,655	\$808,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,874,655
View Drive Drainage Improvements**	38	2013-231	\$0	\$0	\$385,000	\$794,113	\$707,000	\$0	\$0	\$0	\$0	\$0	\$1,886,113
Saddle Rock Area Drainage Improvements**	39	2013-232	\$0	\$0	\$0	\$210,000	\$649,955	\$909,000	\$0	\$0	\$0	\$0	\$1,768,955
Brewer Road/Tlaquepaque Drainage Improvements	40	2013-233	\$151,185	\$533,966	\$1,088,550	\$808,000	\$505,000	\$0	\$0	\$0	\$0	\$0	\$3,086,701
Storm Drainage Easement Acquisition	41	2012-116	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Stanley Steamer Storm Drain Crossing	42		\$381,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$381,600
Forest Areas Detention Study	43		\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
Storm Drainage Master Plan Update	44		\$0	\$350,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$450,000
Coffee Pot Drainage Basin - SR 89A Crossing**	45		\$0	\$0	\$0	\$0	\$100,000	\$454,500	\$0	\$0	\$0	\$0	\$554,500
Dry Creek Drainage Basin - SR 89A Crossing**	46		\$0	\$0	\$0	\$100,000	\$454,500	\$0	\$0	\$0	\$0	\$0	\$554,500
Coffee Pot Drainage Basin - Casa Bonita Channel**	47		\$0	\$0	\$0	\$0	\$121,000	\$100,000	\$454,500	\$0	\$0	\$0	\$675,500
Coffee Pot Drainage Basin - Coffee Pot Road Crossing**	48		\$0	\$0	\$0	\$0	\$0	\$100,000	\$202,000	\$0	\$0	\$0	\$302,000
Coffee Pot Drainage Basin - Jackrabbit Lane Crossing**	49		\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$151,500	\$0	\$0	\$211,500
Coffee Pot Drainage Basin - Grasshopper Area**	50		\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$353,500	\$0	\$0	\$453,500
Coffee Pot Drainage Basin - Little Elf Area	51		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$1,010,000	\$0	\$1,210,000
Subtotal			\$3,187,736	\$1,691,966	\$1,473,550	\$1,912,113	\$2,537,455	\$1,563,500	\$916,500	\$705,000	\$1,010,000	\$0	\$14,997,820

PROJECT NAME	Page #	Project #	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	TOTAL
WASTEWATER													
WWTP Effluent Disposal - Wetlands**	52	2013-261	\$8,625	\$988,000	\$2,556,250	\$2,587,500	\$0	\$0	\$0	\$0	\$0	\$0	\$6,140,375
WWTP Effluent Disposal - Injection/Recharge	53	2013-262	\$1,675,583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,675,583
WWTP Future Effluent Management - Optimization	54	2012-118	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
WW Treatment Plant Process Capacity Enhancements - Upgrades	55	2012-117	\$809,781	\$1,526,200	\$471,250	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,407,231
WW Pump Station at Back O Beyond (Carryover)	56	2012-104	\$97,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$97,000
WW Master Plan	57		\$0	\$200,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$300,000
WWTP New Headworks Installation	58		\$0	\$0	\$0	\$100,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,600,000
Mystic Hills Lift Station Access Improvement	59		\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
Major Collection System Rehabilitation or Extension	60	2013-250	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
WWTP Reservoir #2 Liner	61	2012-213	\$0	\$221,000	\$1,022,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,243,500
Subtota			\$2,665,989	\$3,185,200	\$4,050,000	\$3,287,500	\$1,620,000	\$100,000	\$0	\$0	\$0	\$0	\$14,908,689
TOTAL ALL PROJECTS			\$10,188,646	\$6,747,166	\$9,404,900	\$7,154,863	\$5,059,455	\$3,128,000	\$3,984,000	\$2,395,000	\$1,260,000	\$1,580,000	\$51,104,030

<sup>\*</sup> Indicates outside sources of funding (grants, donations, etc.)

<sup>\*\*\* \$10,000</sup> for the Devt Impact Fee Master Plan is being carried over to FY14 increasing the total Capital Fund expenditure from what is included on this worksheet

Available Funding	
Total Non-WW Funding Requests	

Total Non-WW Funding Requests Total Non-WW Available Resources (all sources) Deficit	\$7,522,657 \$7,522,657	\$3,561,966 \$3,561,966	\$5,354,900 \$700,000 (\$4,654,900)	\$3,867,363 \$500,000 (\$3,367,363)	\$3,439,455 \$500,000 (\$2,939,455)	\$3,028,000 \$500,000 (\$2,528,000)	\$3,984,000 \$500,000 (\$3,484,000)	\$2,395,000 \$500,000 (\$1,895,000)	\$1,260,000 \$500,000 (\$760,000)	\$1,580,000 \$500,000 (\$1,080,000)	\$36,195,341 \$15,284,623 (\$20,910,718)
Total WW Funding Requests Total WW Available Resources	\$2,665,989	\$3,185,200	\$4,050,000	\$3,287,500	\$1,620,000	\$100,000	\$0	\$0	\$0	\$0	\$14,908,689
	\$2,665,989	\$3,185,200	\$4,050,000	\$3,287,500	\$1,620,000	\$100,000	\$0	\$0	\$0	\$0	\$14,908,689

<sup>\*\*</sup> Indicates cost share between City sources and outside sources

Project Title: Art in the Roundabouts Location: SR 89A Corridor

Project #: Category: 3

# **Project Description**

To continue adding public art for continued beautification of the SR 89A corridor. The only project anticipated in FY14 will be the carryover of the Schnebly Roundabout public art piece, which will be unable to be procured and installed in FY13. Future projects will be funded as Art in Public Places funds are accumulated.

#### **Project Justification**

Will enhance the City's image as being a City animated by the arts where public art may be enjoyed by residents and visitors. The roundabouts along 179 and 89a are highly visible locations in the City.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Public Art	Percent for Arts	New	\$0	\$55,000	\$0	\$0	\$55,000	\$0	\$0	\$55,000	\$0	\$0	\$55,000	\$220,000
Construction	Percent for Arts	New	\$0	\$10,000	\$0	\$0	\$10,000	\$0	\$0	\$10,000	\$0	\$0	\$10,000	\$40,000
		Total Budget	\$0	\$65,000	\$0	\$0	\$65,000	\$0	\$0	\$65,000	\$0	\$0	\$65,000	\$260,000

Total Operatin	g Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Schnebly Home Rehabilitation Location: Uptown Parking Lot

Project #: Category: 3

# **Project Description**

Redesign and refurbish the Schnebly Home facility located in the Uptown Parking Lot. Because the project improvements are undefined the costs are a place holder.

# **Project Justification**

The previous improvements have deteriorated. The project is a public Arts project and adequate funding and a process to develop the design needs to be available prior to starting design work on this project.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	Percent for Arts	New	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Construction	Percent for Arts	New	\$0	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,000
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$25,000	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PARKS AND RECREATION

Project Title: Posse Grounds Pavilion in Barbara Antonsen Park

Project #:

**Location:** Posse Ground Road

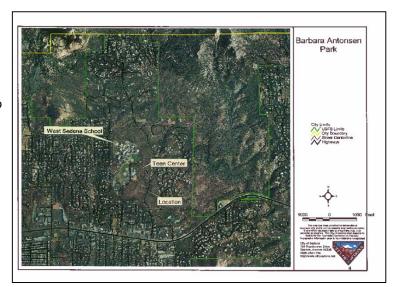
Category:

#### **Project Description**

This request is for the construction of an amphitheater at Barbara's Park. While the project was planned to be completed in FY13, given the collapse of the dome that occurred in August 2012 during construction, and no final decision regarding re-construction, this project is being budgeted for FY14 in the event the project does move forward. If re-constructed, the project is to be a cost share with the Friends of Posse Grounds Park who have contributed to the design and engineering costs, and are fundraising for items such as landscaping, picnic tables and trash receptacles. A fee schedule for use of the new facility will be developed to help offset ongoing expenses.

#### **Project Justification**

The community has expressed strong support for this facility. This project fulfills the requirement to reimbursing the state for the Heritage grant pass through that was used for the Cultural Park. Funds need to be spent on some outdoor recreational amenity per the City's agreement with the state.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	Outside Sources	Carryover	\$51,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$101,000
Construction	Capital Reserves	Carryover	\$438,711	\$675,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,113,711
Utility Connections	Capital Reserves	Carryover	\$154,401	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$154,401
Study	Capital Reserves	Carryover	\$42,675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,675
Arts	Capital Reserves	Carryover	\$0	\$111,371	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$111,371
		Total Budget	\$686,787	\$836,371	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,523,158

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$6,700	\$67,000
Contractual Services	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$6,900	\$69,000
Totals	\$13,600	\$13,600	\$13,600	\$13,600	\$13,600	\$13,600	\$13,600	\$13,600	\$13,600	\$13,600	\$122,400

Project Title: Sugarloaf Trailhead Parking Lot Expansion

Project #:

**Location:** Sugarloaf Trailhead

Priority: 2

# **Project Description**

This project would expand and upgrade the existing dirt parking lot.

# **Project Justification**

There are approximately 6 parking spaces at the Sugarloaf Trailhead that are heavily utilized. Due to the location in the Forest area an environmental impact assessment will need to be done and approved. For this reason design is in one year and construction in another. Demand exists for additional parking.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Study	General Fund	New	\$0	\$0	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000
Design	General Fund	New	\$0	\$0	\$0	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$750	\$0	\$0	\$0	\$0	\$0	\$0	\$750
		Total Budget	\$0	\$0	\$0	\$43,000	\$75,750	\$0	\$0	\$0	\$0	\$0	\$0	\$118,750

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Pool Slide

Project #:

**Location:** Sedona Community Pool, 570 Posse Ground F

Category: 3

# **Project Description**

After the renovation of the Sedona Community Pool, the facility was left without a slide or any youth recreation components. In 2012, Council approved \$60,000 to be used to purchase a slide. This amount needed to be carried over into FY14 in order for staff to purchase a larger slide by combining this money and the money saved on the Posse Grounds Safety Zone CIP. In combination, a much better product was possible.

#### **Project Justification**

The two most popular programs at the pool during the summer season are swim lessons and recreation swim. These are both activities for children, yet there is currently limited recreational amenities for these children (currently a small splash pad). The largest customer base is not having its needs met. A slide encourages children to practice their swimming so that they can pass a swim test and be allowed down the slide. It will also bring in more visitors to the facility.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	General Fund	New	\$0	\$89,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$89,900
Arts	General Fund	New	\$0	\$900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900
		Total Budget	\$0	\$90,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,800

Total Operation	ng Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Creekside Access/Park

Project #:

**Location:** Uptown

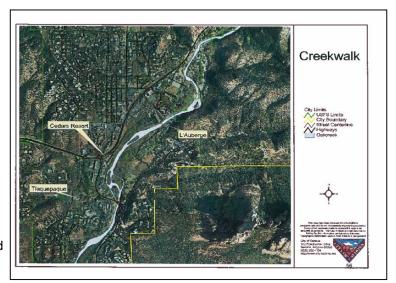
Category: 3

#### **Project Description**

Funding is available through development impact fees for park land acquisition. This funding could be used to purchase various properties for future use as a public park, including possible creekside land, the historic properties on Brewer Road, the ADOT remnant property at the Y-intersection for future use as a pocket park for that highly visible intersection, etc. Council will be considering various options, this establishes the appropriation authority should Council decide to purchase something.

# **Project Justification**

According to the 2012 Parks and Recreation Master Plan, there is tremendous public interest and support among city residents for a public park that provides access to Oak Creek. 78% of survey respondents indicated they were supportive of developing a creek access trail or park on Oak Creek. This project received the highest ratings of support among 23 suggested projects listed in the survey. Research showed that for nearly two decades now there has been support for this project. Council may be interested in purchasing a parcel in the Uptown area to provide creek access and/or amenity and/or completing the original Creekwalk design. If this project is built, there will be future maintenance costs and costs to rebuild when the Creek floods.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	Devt Impact Fees	New	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000

To	otal Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Jordan Park Historical Museum and Office Space Location: Jordan Historical Park

Project #: Category: 3

#### **Project Description**

The Sedona Historical Society has mentioned their interest in fundraising to build a new building at Jordan Historical Park for office space and to showcase and store historical artifacts in appropriate temperature and light controlled facilities. The total project cost is anticipated to be approximately \$2 million. This project funds a contribution from the City. The remaining funds would be outside sources raised by the Historical Society.

#### **Project Justification**

The need for offices is based on the desire to move all administrative/sales functions from the Jordan buildings. They also need additional space to conserve an expanding collection and to have room to host traveling exhibits, ala those that Smithsonian makes available. To host those exhibits requires space with appropriate security as well as temperature and humidity control.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000
Design	General Fund	New	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$4,500	\$0	\$0	\$0	\$0	\$0	\$0	\$4,500
		Total Budget	\$0	\$0	\$0	\$75,000	\$454,500	\$0	\$0	\$0	\$0	\$0	\$0	\$529,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Park/Trail Easement Acquisition Location: Citywide

Project #: Category: 3

#### **Project Description**

Funds for Parks & Recreation to acquire land for trail easements and/or park land as requested by the Parks and Recreation Commission and/or City Council as an ongoing budgeted request. This would be a rolling fund where the amount would accumulate each year. Staff and volunteers are currently working to determine a priority ranking for trail heads within City limits that need to be purchased by the City.

#### **Project Justification**

A list of trailheads that need to be purchased and operated by the City are currently under investigation. Should these trailheads not be taken over by the City they may be lost to users because of home owner interference. According to the survey results of the 2012 Parks and Recreation Master Plan, 76% of respondents were supportive of upgrading/expanding existing Forest Service trailheads. Only one other project was higher in percentage.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Land	Devt Impact Fees	New	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000
		Total Budget	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$500,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Posse Ground Park Playground and Shade Structure Location: Posse Grounds Park Playground Area

Project #: Category: 3

#### **Project Description**

Install a shade structure over the playground area at Posse Grounds Park. This CIP for \$50,000 (shade structure alone) was originally asked for in FY2016, but a generous donation to this park is spurring us to ask Council to consider approving funding of this CIP in FY2014. The Sedona Fire Chief is working with City Staff to develop an "Inclusive" playground, where none currently exists. The idea would be to remove the existing play structures at Posse Grounds Park and install entirely new playground equipment that is Inclusive in design. Universally, designed playgrounds are created to be accessible (ADA compliant) to all children. There are three components to a higher level of Inclusive Play: physical accessibility; age and developmental appropriateness; and sensory-stimulating activity. A higher level of inclusive playgrounds invite children of all abilities to play and imagine together--making them equal through play. If this outside funding occurs in 2014 we would like to add the shade structure as part of the project. We are also asking Council to consider an additional \$30,000 to be used towards the playground equipment upgrades. This could save time and money by combining the projects.

#### **Project Justification**

By installing this weather/sun protection structure, it will increase the life of the playground equipment by providing protection from inclement weather and sun, as well as providing the same protection to the users of the playground equipment. Sunset Park has a shade structure installed over one of the playgrounds and it now has increased usage. This inclusive playground will be the only one of its kind in Sedona, making it possible for children with disabilities as well as parents with disabilities to access and enjoy the park. According to our Level of Services Recommendations in the 2012 Parks and Recreation Master Plan, shade structures should be installed on all playgrounds within 1-3 years.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction	Development Impact Fees	New	\$0	\$0	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
Construction	Outside sources	New	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
		Total Budget	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Sunset Park Shade Structure Location: Sunset Park Playground Area for 4 yrs and older

Project #: Category: 3

#### **Project Description**

Add a shade structure to the playground for 4-year olds and above at Sunset Park. The Tot Lot has a shade structure erected in 2008. Originally, P&R staff were told a shade structure could not be erected over this playground because placement of the poles would have been in the flood zone. City engineers reviewed the request and placement of the shade structure and received authorization to move forward.

#### **Project Justification**

There is currently no shade structure over this playground. The shade structure provides sun protection and poor weather protection for the children at play. It will complement the other playground at this park that currently has a shade structure covering it. Allow usage during inclement weather and Arizona's harsh summer days. According to the 2012 Parks and Recreation Master Plan, shade structures should be installed over every playground within the next 1-3 years in order to comply with our Service Standards. There is funding available in the Fairfield Community Facilities District Fund to pay for this improvement. CFD funding may only be used for enhancements in their respective districts.

		Carryover/												
Category	Funding Source	New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction	CFD Funds	New	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
		Total Budget	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Splash Pad at Sunset Park

Location: Sunset Park, 655 Sunset Drive

Project #: Priority: 3

#### **Project Description**

This request is to install a splash pad area/playground on the existing grass area at Sunset Park near both playgrounds. The project would house 6-10 water features, with a shut off timer for the water. To minimize initial capital costs and ongoing maintenance and equipment costs, this park will be a Flow-Through design that utilizes fresh water that is then sent through to the sewer system. Steps will be taken to maximize the smallest amount of water possible such as using spray sequencing, on demand automation, high efficiency/low flow nozzels and proper product selection. A rainwater diverter will also be installed to eliminate storm water from entering the sewer system.

#### **Project Justification**

Splash pad playgrounds are immensely popular in Arizona. With the warm weather, it would be a quality amenity to add to the park. This would increase visits to Sunset Park. This would have a significant impact on the amount of families who visit the park. Since the City Pool has no shallow end for toddlers, this splash playground would give parents a place to take their children ages 9 months- 8 years that is safe and convenient for them to play in. The amenity would also be free of charge so it can be used by those families who are not able to pay to swim at the pool. City Council approved \$50,000 for this project in FY2013, however after the design phase, it was established that this amount would not purchase the type of splash park necessary for this to be a successful addition to the park. For this to be a true attraction, additional funds are necessary.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction/ Equipment	CFD Funds	Carryover	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Construction/ Equipment	CFD Funds	New	\$0	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
-		Total Budget	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Feasibility Study for a Multi-Purpose Facility at the

Wastewater Treatment Plant

Project #: Category: 3

#### **Project Description**

This project would fund a study of the feasibility of the construction of a multi-purpose facility at the City of Sedona wastewater treatment plant. This is dependent on the amount of land available after the effluent disposal options are determined. If there is enough land available, possible uses would include a venue/amphitheater for special events and concerts, four ball fields and two soccer fields. All of the facilities would have lighting to allow nighttime activities. Once the effluent disposal issue is addressed at the wastewater treatment plant, land would become available for the construction of the multi-purpose facility.

#### **Project Justification**

The possibility of constructing a multi-purpose facility at the wastewater treatment plant has been discussed for several years. Various land use alternatives, including a multi-purpose facility, was discussed a couple of years ago during the deliberations of the Wastewater Effluent Disposal & Land Use Task Force (WEDLU). However, WEDLU felt that the future land use options at the wastewater treatment plant could not be decided until the City had a better understanding of the amount of land needed for effluent disposal management purposes. City Council may wish to follow the recommendations of WEDLU and form a Task Force to review all proposed land use options before proceeding with construction of the multi-purpose facility. The City of Sedona already owns the land, so the land purchase expense would not be necessary. The re-use of effluent to water the fields could also be included in this project. This project could provide positive economic benefits to the City of Sedona.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Study	General Fund	New	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Construction		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Location: WWTP

Project Title: Bike Skills Park Location: Posse Grounds Park

Project #: Category: 3

#### **Project Description**

The Sedona Bike Skills Park would provide dirt trails amongst natural landscape for non-riders to be introduced to the healthy sport of mountain biking and a place for current riders of all ages and abilities to safely practice their mountain biking skills. The park would be located within Posse Grounds Park, adjacent to the Jack Malmgren Skate Park and Posse Grounds Pavilion. This area has many geographical assets that could be used to develop a range of bike park terrain features, from a simple pump track to export gravity flow trails. The multi-level nature of the park would allow users to enter or exit a feature at their ability and comfort level. The park could be built in phases. Planning, design, skills area and pump track in the first year, flow trails and jump line constructed in the second year. The park would be open from dawn to dusk. Since these would be non-motorized bike trails, any noise would be comparable to hikers walking on the trails. This project assumes a cost share between the City and fundraising from the users, with the users fundraising for design and the City subsequently constructing the park.

#### **Project Justification**

Forest Service trails are a key priority for Sedona residents according to the Parks and Recreation Master Plan survey completed in 2011. The Sedona Strategic plan states that the community should be served with a variety of recreational opportunities and the parks should be expanded based on identified community needs. Local mountain biking groups, bike shop owners and over 300 individuals who have signed a petition, all feel that this is a need that should be addressed. Mountain biking is a popular sport for many residents, and Sedona has become a mountain biking destination for visitors from all over the world. Mountain biking provides personal health benefits to participants as well as economic benefits to our city. Our trails are in high demand and keeping them safe and well maintained is essential for a positive user experience. The bike park would provide a place for residents and tourists to practice before entering the USFS trail system. Park design, construction and periodic re-construction would offer a creative outlet for people that would like to become involved in trail building activities. The advanced nature of some of the park terrain would offer a place for the riders desiring jumps, and thus help reduce multi-user conflicts of the USFS trail system. The parks proximity to Jack Malmgren Skate Park, Posse Grounds Park and West Sedona School, would likely increase the volume of users to the bike park, and allow them to utilize existing infrastructure including parking, educational information kiosks and restrooms. The open space nature of the park would preserve the scenic beauty of the area and comply with the Sedona Community Plan. Finally, the bike park would add to our sense of community by providing a City recreational facility commensurate with the scenic recreation area in which we live.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	Outside Sources	New	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Construction	General Fund	New	\$0	\$0	\$50,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000
Arts	General Fund	New	\$0	\$0	\$500	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100
		Total Budget	\$0	\$30,000	\$50,500	\$60,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$141,100

Ī	Total Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000
	Totals	\$0	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$80,000

#### PARKS AND RECREATION

Project Title: Recreation Component at the Wastewater Treatment

Plant

**Project #**: 2012-214 **Category:** 3

# **Project Description**

Funding for this project would provide a recreation component at the new public WWTP wetlands. This is a FY13 project which will need funding carried over to complete. All components of this project, with the exception of the public restrooms, will be completed in FY13. This project appropriation is for the restrooms which will not be completed until FY14.

# **Project Justification**

The City Council approved \$177,000 in FY13 to create a recreational component as part of the wetlands effluent management project. This includes signage, walking paths, benches, picnic areas, shade structures, a public parking lot, restrooms, and access improvements.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Study	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	General Fund	Carryover	\$115,800	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,800
Arts	General Fund	New	\$1,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200
		Total Budget	\$1,200	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$177,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Location: WWTP

Project Title: Parking Enforcement Program Location: Uptown

Project #: Category: 2

#### **Project Description**

This project involves a phased implementation of several recommendations from the 2012 Update to the Uptown Parking Management Plan, as completed by Nelson/Nygaard Consulting. The projects include lot improvements made to create additional public parking on lots that have been 100% private lots (signage, striping, overlay/repaving, and other improvements), and the eventual installation and operation of a paid parking system for the on-street parking stalls along Highway 89A in the Uptown area. This will improve on street parking turnover and availability and facilitate the use of off-highway free public parking instead of creating additional traffic congestion and visitor frustration to obtain an on-street space.

#### **Project Justification**

In 2005 a Sedona Parking Management Study was completed for the Uptown area. In 2012 the City Council approved expenditures to conduct an update to that Plan. The study update was prepared by a consultant, Nelson/Nygaard. The study provided recommendations that the City should establish public parking agreements with private property owners for the establishment of a pool of public parking locations throughout the Uptown area, improving wayfinding signage, adding visitor-friendly signage (minimize tow away signs), improving lighting and pedestrian access to more remote lots, and ultimately implementing time restricted and/or paid parking programs. They noted that paid parking would address the high occupancy levels better than any other method of on-street parking management, but that it should be done in conjunction with the other parking management strategies. They also noted that the current parking supply needed to be managed before new parking in Uptown is created and that regulated on-street parking will improve parking management and traffic flow in the Uptown area. Paid parking could also generate revenue for future parking/traffic

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Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Arts	General Fund	Carryover	\$0	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500
Construction	General Fund	Carryover	\$20,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000
Equipment	General Fund	New	\$0	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
Study	General Fund	New	\$26,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000
		Total Budget	\$46,000	\$50,500	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$271,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Shooting Range Improvements

Location: N/A

Project #:

Category: 1

#### **Project Description**

A study is being commissioned to evaluate and recommend the relocation of the police shooting range. Study may include enhancement of the facility to provide for classrooms and large asphalt area to conduct training activities for all city personnel. This project provides funding for the improvements.

#### **Project Justification**

The wetland areas surrounding the police shooting range are planned for expansion which will require the relocation of the range. A study would identify the most beneficial and cost effective location for the range and also identify opportunities to expand the facility to provide training space for other city departments. Enhancement of the facility could also create revenue generating activities through fee based use by other public

		Carryover/												
Category	Funding Source	New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Study	General Fund	New	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000
Arts	General Fund	New	\$0	\$950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$950
Construction	General Fund	New	\$0	\$20,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000
Construction	Devt Impact Fees	New	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
Construction	RICO	New	\$0	\$15,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Equipment	Arizona POST	New	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
		Total Budget	\$20,000	\$105,950	\$215,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$340,950

Total	Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Police Facility Renovations Location: 100 Roadrunner Drive

Project #: Category: 3

# **Project Description**

Space and needs assessment study and estimated construction costs to enhance the building's operational functionality within its existing footprint and/or through cost effective additions to the facility.

#### **Project Justification**

The Police Department facility is operated 24 hours a day seven days a week and has been in use since 1998. Its current configuration does not allow for effective work flow processes, security of confidential/sensitive work areas, locker room privacy, shared public/other city department use, or accomodation of various support functions. The interior of building is also in need of painting, ceiling tile replacement, and minor repairs.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Study	RICO	New	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000
Construction	General Fund	New	\$0	\$0	\$150,000	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000
Percent for Arts	General Fund	New	\$0	\$0	\$1,500	\$1,500	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$4,500
		Total Budget	\$0	\$8,000	\$151,500	\$151,500	\$151,500	\$0	\$0	\$0	\$0	\$0	\$0	\$462,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Radio Systems Enhancement Location: 100 Roadrunner Drive

Project #: Category: 1

#### **Project Description**

Enhance radio system to improve radio transmitting and receiving of police radio communications. Add additional radio frequency to provide radio communications for other city government functions such as Parks/Recreations and emergency management.

#### **Project Justification**

The current police radio communications system only has one transmit/receive site which is located at the Sedona Airport. Additional sites are needed to provide coverage in areas that can not be reached through the existing system. Existing radio equipment in the dispatch center needs replacement. The system also needs to be enhanced to provide radio communications to other city departments for operational and emergency management activitites.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Coverage Study	General Fund	New	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Equipment	General Fund	New	\$0	\$80,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$380,000
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$130,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$430,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Andante Sidewalk SR 89A to Sandborn

Project #:

**Location:** Andante Road SR 89A to Sandborn Road

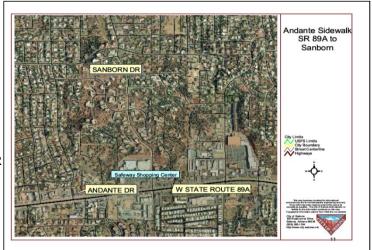
Category: 1

#### **Project Description**

Construct sidewalk and related storm drainage along Andante from SR89A intersection to Sandborn Road. Project also includes funds for public art to be incorporated into the project.

#### **Project Justification**

This sidewalk will provide a safer pedestrian path from a number of residential areas north of SR 89A to SR 89A business area. This is also along the bus route for the Sedona Oak Creek School District. A traffic signal at the SR 89A intersection to be installed in 2012 by ADOT may result in increased use of this roadway by vehicles. This will improve pedestrian safety, improve a portion of the of the route shown on the City Trails and Urban Pathway Plan, and enhance pedestrian linkages within the City. The road is not believed to be wide enough for a separate bike lane, but can serve as a bike route.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction Mgmt	Devt Impact Fees	New	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Land	Devt Impact Fees	New	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Design	Devt Impact Fees	New	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
Construction	Grant	New	\$0	\$0	\$0	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
Construction	General Fund	New	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Arts	General Fund	New	\$0	\$0	\$0	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
		Total Budget	\$0	\$0	\$0	\$1,356,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,356,000

Total	Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000
	Totals	\$0	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000

Project Title: Public Works Maintenance Yard Property Improvements

Project #: Category: 1

# **Project Description**

This project funds property improvements for the newly acquired permanent Public Works maintenance yard on Contractor's Road. This property was acquired in FY13.

# **Project Justification**

Provision of a permanent area will allow development of a proper Public Works Maintenance area and although an existing industrial property was identified and purchased, certain improvements will need to be made to render the property usable as a Public Works yard.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Arts	General Fund	Carryover	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000
Construction	Impact Fees	Carryover	\$0	\$114,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$114,000
Construction	General Fund	Carryover	\$880,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$885,000
<u>-</u>		Total Budget	\$880,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Location: Unknown

Project Title: Ranger-Brewer-89A Intersection

Project #:

**Location:** Ranger-Brewer-89A Intersection

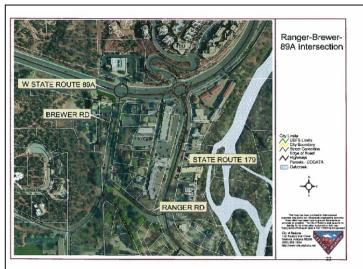
Category: 1

# **Project Description**

This project consists of a study, design, and construction to improve existing Ranger Road/Brewer Road between SR 179 and SR 89A.

#### **Project Justification**

The improvement of SR 179 will route additional traffic onto Ranger and Brewer Roads. Also with the redevelopment of the Forest Service Ranger Station and the reactivation of the Brewer Road School, additional traffic will be generated. The current intersection and roadways are not adequate for present traffic and are in need of upgrading. The additional expected traffic will create safety issues and render the intersection ineffective, creating added congestion at adjacent intersections. This would be a new road either by width or alignment. The impact on maintenance is unknown since it depends on what landscaping and sidewalk improvements will be associated with the project. At this point, the maintenance impact is expected to be incremental if the road is constructed in a manner similar to Upper Red Rock Loop Road by the Sedona High School.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Environmental	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
Construction	Outside Sources	New	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250,000	\$1,250,000	\$0	\$0	\$0	\$2,500,000
Arts	Outside Sources	New	\$0	\$0	\$0	\$0	\$0	\$0	\$12,500	\$12,500	\$0	\$0	\$0	\$25,000
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$500,000	\$1,262,500	\$1,262,500	\$0	\$0	\$0	\$3,025,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Sandborn Road Sidewalk

Project #:

**Location:** See Description

Category: 1

### **Project Description**

This is a phased construction project. A single design is proposed, which may need to be updated depending upon time between construction of phases.

Phase 1 Thunder Mountain Subdivision to Andante Road.

Phase 2 Andante Road to Rodeo Road

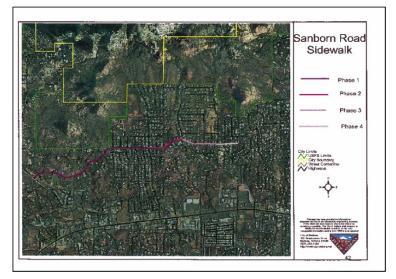
Phase 3 Rodeo Road to Little Elf Road

Phase 4 Little Elf Road to Coffee Pot Road

Contingency is for utility relocations.

# **Project Justification**

This project promotes pedestrian movement along a major roadway in the City. The motorized vehicular traffic along the roadway is among the more heavily travelled roads in the City although it is in a residential area. This road is used by visitor, school children, and residents. Portions of the road are on the City's trails plan. This will improve pedestrian safety. If pedestrian connections to the business centers on SR 89A are constructed this route could promote walking instead of driving. This improvement would result in a significant change in the look of the area. The City would incur increased maintenance for sweeping and cutting weeds.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000	\$125,000	\$0	\$0	\$250,000
Design	General Fund	New	\$0	\$0	\$0	\$225,000	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$0	\$0	\$3,000,000
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000	\$0	\$0	\$30,000
		Total Budget	\$0	\$0	\$0	\$225,000	\$225,000	\$0	\$0	\$1,640,000	\$1,640,000	\$0	\$0	\$3,730,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$225,000	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$255,000
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$225,000	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	\$255,000

**Project Title:** Sandborn Rodeo Sidewalk Project

Project #:

Location: See Description

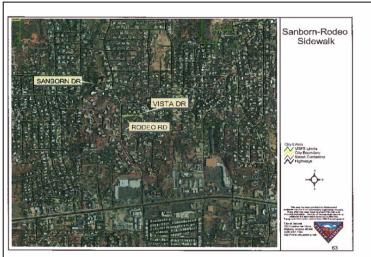
Category:

# **Project Description**

This project involves extending the sidewalk along Rodeo Road about 1,100 from south of the Vista Drive intersection to Sanborn Road.

# **Project Justification**

In order to encourage pedestrian movement from the residential developments on the north side of SR 89A down to the business area of SR 89A a safe pedestrian route would be a help. Reducing intracity vehicular traffic through encouraging pedestrian trips helps reduce SR 89A volumes. This also enhances the quality of life, provides a safe pedestrian route from the Sanborn area, and identifies a pedestrian route that ends near shopping centers.



	Sanborn-Rodeo
The state of	Sidewalk
	City Limits
	City Boundary Street Centerline Highways
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Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000
Construction	General Fund	New	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Arts	General Fund	New	\$0	\$0	\$0	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000
		Total Budget	\$0	\$0	\$0	\$262,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,000

Total Op	perating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Sunshine Lane Safety Improvements Location: Sunshine Lane

Project #: Category: 1

# **Project Description**

The purpose of this project is to provide a solution to an edge of road situation along Sunshine Lane (east side) between Sanborn Rd and Blue Horizon Rd. The edge of the road is immediately adjacent to a drainage channel. Also the edge of the road is estimated to be about 7-feet inside private property. The project will seek to protect drivers from entering the channel and also keep them within the public right-of-

# **Project Justification**

The edge of the road is eroding and there is encroachment on private property. At this point the property owner is not willing to dedicate additional right-of-way to the City.

		Carryover/												
Category	Funding Source	-	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400
Construction	General Fund	Carryover	\$0	\$141,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$141,400
		Total Budget	\$0	\$142,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$142,800

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Chapel Road Sidewalk Location: Chapel Road

Project #: Category: 1

# **Project Description**

Provide a sidewalk along Chapel Road for pedestrians to access Chapel of the Holy Cross. Project includes sidewalk, paving, and drainage improvements. Also includes funds to incorporate public art in the project. FY12/13 reflects increased cost for thicker asphalt.

# **Project Justification**

This will provide a safe walkway for tourists and residents between SR179 and the Chapel of the Holy Cross. This would make it safer for tourists off loading from buses on SR 179 and walking along the roadway. The Public Works Dept plans to rehabilitate the road in FY13/14. This project assumes the road rehabilitation work is folded into this project.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$115,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$140,000
Environmental	General Fund	New	\$0	\$0	\$0	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
		Total Budget	\$0	\$0	\$0	\$130,000	\$1,035,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,165,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$60,000
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500	\$60,000

Project Title: Coffee Pot Sidewalk

Project #:

Location: Little Elf and Sandborn Drive to Coffee Pot Driv

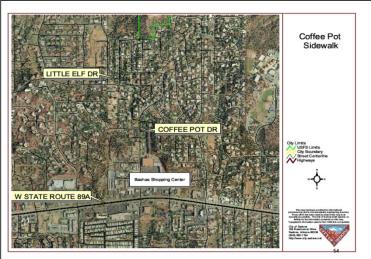
Category: 1

# **Project Description**

Design and installation of storm drain and pedestrian access improvements from Little Elf Way and Sanborn Drive to the existing sidewalk on the east side of Coffee Pot Drive.

# **Project Justification**

The installation of a sidewalk along Coffee Pot Drive has been previously studied, many issues were discovered north of Grasshopper Lane, which made the project unfeasible. This proposed route along Grasshopper Lane would provide a feasible pedestrian route, for residents along the eastern end of Sanborn Rd, to SR 89A. In addition, storm drainage improvements will be included to help alleviate flooding in this area. A public outreach session would be held in 2013 to get public feedback prior to starting design.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$115,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000
Construction	General Fund	New	\$0	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Arts	General Fund	New	\$0	\$0	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
		Total Budget	\$0	\$0	\$115,000	\$606,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$721,000

Ī	Total Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$15,000

Project Title: Fire Hydrants Location: City-Wide

Project #: Category: 1

# **Project Description**

Provide funding from the City of Sedona's Water Franchise agreement for the installation of fire hydrants.

# **Project Justification**

Currently, there are existing areas in the City that do not have adequate fire protection because of a lack of fire hydrants.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction	Franchise Fees	Carryover	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$500,000
		Total Budget	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$500,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Navoti-Calle del Sol Intersection

Project #:

Location: Navoti-Calle del Sol Intersection

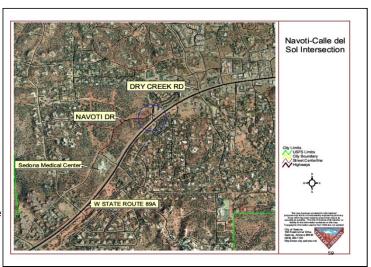
Category: 3

# **Project Description**

This project includes construction of curb, gutter, sidewalk and asphalt pavement.

# **Project Justification**

When the Cor D' Amor Subdivision was constructed Navoti Drive was extended to a point adjacent to Calle del Sol. The intersection was not complete at the time since Calle del Sol was a private street and Navoti Drive is public. This project will complete the intersection. This will improve access to Navoti Dr and complete a parallel route to SR 89A, which will provide capacity relief for this segment of SR 89A.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	Devt Impact Fees	New	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$400,000
Arts	Devt Impact Fees	New	\$0	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$0	\$0	\$0	\$0	\$4,000
		Total Budget	\$0	\$0	\$80,000	\$0	\$0	\$202,000	\$202,000	\$0	\$0	\$0	\$0	\$484,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Back O Beyond Road Low Water Crossing Improvements Location: Back O Beyond Road

Project #: Category: 3

# **Project Description**

Development of plans, specifications and cost estimate to eliminate three low water crossings along Back O' Beyond Road. Corps of Engineer requirements will be determined and right of way needs will be defined.

# **Project Justification**

This project will develop a design and costs to improve public road ingress and egress to the Back O 'Beyond Subdivision during the winter. During large winter storms this area is routinely isolated for up to several days. This project provides drainage improvements not shown in the storm drainage master plan, as such it would be considered primarily a road improvement project.

		Carryover/												
Category	Funding Source	New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$0	\$150,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$150,000	\$1,515,000	\$1,715,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: SR 89A Landscape Improvement Location: SR 89A from Airport Road To Dry Creek Road

Project #: Category: 2

### **Project Description**

The project involves the installation of a dual layer weed barrier in the landscaped areas of SR 89A from the Airport Road to Dry Creek Road. The dual layer weed barrier consists of black plastic sheeting covered by a geotextile and would be installed under the existing rock mulch areas. Most landscape areas will need a replenishing of rock mulch and some landscape plants may be replaced.

# **Project Justification**

Expected savings from the dual layer weed barrier installation are reduced water usage for irrigation due to the barrier limiting evaporation from the soil, and reduced labor and herbicide use. Test results show a 97% reduction in evaporation with the dual layer weed barrier. This dual layer weed barrier was installed in some areas during the SR 179 enhancement project and have shown a decrease in maintenance required including herbicide use.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Construction	General Fund	New	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
Arts	General Fund	New	\$0	\$0	\$0	\$1,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,750
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$176,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$176,750

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Uptown SR 89A Improvements Location: SR 89A from Forest Road to Art Barn Road

Project #: Category: 1

### **Project Description**

The basic purpose of this project is to rehabilitate SR 89A in the uptown area. The basic project is to replace the pavement. Area businesses may want a median installed. The project may be extended to include construction of a sidewalk with lights along Cedar Street and/or Mountain View Road or improved walkway with lighting adjacent to the Wayside Chapel for better pedestrian access from the municipal parking lot. It is anticipated that concept development meetings may be held in FY 12/13 to start the process. Preparation for this project began in FY12/13 through a geotechnical study funded out othe operations streets budget as well as the identification of pedestrian access issues as part of the Uptown Parking Study and work of the Uptown Parking Advisory Committee and Parking Consultant's work.

### **Project Justification**

SR 89A is deteriorated and has been in need of repair several years. Pedestrian and employee movement in the area was a concern expressed during the 2012 Parking study. Making median improvements at the same time as the improvement of SR 89A would minimize disruption of a major business corridor and potentially result in economies of scale and expenditure savings by doing these projects

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
Construction	General Fund	New	\$0	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Art	General Fund	New	\$0	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
		Total Budget	\$0	\$75,000	\$606,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$681,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Airport Road Improvements

Project #:

**Location:** Southwest end of Airport Road

Category: 1

### **Project Description**

Repair Airport Road slope to prevent loss of roadway. This is anticipated to be a joint project with Yavapai County/Sedona Airport due to Road ownership issues. The Road would be overlayed in FY 2015 as part of this project.

# **Project Justification**

The roadway is showing signs of support slope sloughing or sliding. The roadway is suffering some undermining. The road is the only roadway to Sedona Airport. As a significant access to Sedona, an important overlook area, and the location of several businesses catering to tourists, the continued ability to use this road is important. The County conveyed the Road to the City from SR 89A to the Airport Lease Area property in December 1992 (County Resolution No. 884 recorded Book 2578 PG. 766) Since the distressed area appears to lie within County and City areas an IGA is anticipated. Some work with Forest Service may also be required. Overlaying the road would be consistent with City goal of accelerating roadway repair. It would also decrease number of permits from Forest Service relative to roadwork on Airport Road.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Environmental	General Fund	New	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	General Fund	New	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
Construction	General Fund	New	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Construction	Outside Sources	New	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Arts	Sales Taxes	New	\$0	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
		Total Budget	\$0	\$711,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$711,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: West Sedona School Safe Routes to School

Location: West Sedona School Area

Growing Safe Routes Neighbors Project

Project #: Category:

# **Project Description**

The City has been awarded a Round 6 \$244,000 Safe Routes to School Grant. The grant application was prepared by the Sedona-Oak Creek Unified School District, but had to be submitted to ADOT by the City. The project involves the installation of bike racks, and signs, and construction of a multiuse path on West Sedona School property. In addition multiuse pathss and signs are to be installed in City right-of way. Some property acquisition may also be necessary for the off-school-site multiuse paths. The project is expected to take three years (Completion FY 2016).

# **Project Justification**

The project enhances walking and bike riding to West Sedona School. The funds are reimbursement, although during the initial design ADOT will do much of the work. Because ADOT is doing so much of the work and ADOT is the funding organization, it is uncertain how funds will be disbursed so during budget preparation funds are shown as passing through the City.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	Grant	New	\$0	\$39,500	\$37,500	\$175,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$252,500
Construction	Grant	New	\$0	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,000
Easements	Grant	New	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
		Total Budget	\$0	\$39,500	\$62,500	\$220,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$322,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

# **DRAINAGE**

Project Title: City Hall Drainage Location: City Hall

Project #: 2012-122 Category: 1

# **Project Description**

This project will include improving the drainage around the PD Building to address infiltration issues observed in that building. FY 13/14 This carryover is due to a required redesign of the project.

# **Project Justification**

If left unchecked, water damage can lead to mold and other hazards as well as degradation of the building which will lead to greater and more costly maintenance and repair issues.









Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	Carryover	\$69,252	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,252
Chargebacks	General Fund	Carryover	\$0	\$6,186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,186
Arts	General Fund	Carryover	\$0	\$1,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,750
Construction	General Fund	Carryover	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000
		Total Budget	\$69,252	\$193,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$263,188

Т	otal Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Harmony Windsong Drives Area Storm Drainage Phase 4

Project #:

**Location:** Lyric Drive to Sandborn Road.

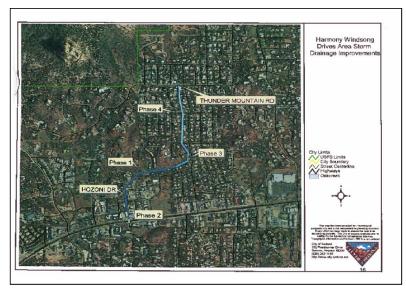
Category: 1

# **Project Description**

This project extends a storm drainage to convey 25 year flows from Lyric Drive to Sandborn Road. Project schedule has been accelerated a year so design starts in FY12/13. Funding for this project, as well as others, is also included to support in-house project management in order to ensure timely project completion.

# **Project Justification**

This project will reduce system overflows that tend to affect the Friendship- Symphony Road area during Monsoon type storms. This project is identified in the Storm Water Master Plan as WD-007 & WD-008.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$128,190	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$138,190
Chargebacks	General Fund	New	\$7,000	\$42,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,360
Arts	General Fund	New	\$0	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000
Construction	General Fund	New	\$0	\$561,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$561,000
Construction	Devt Impact Fees	New	\$0	\$129,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$129,000
Construction	Grants	New	\$0	\$510,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$510,000
Land	General Fund	New	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$185,190	\$1,264,360	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,449,550

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$31,500
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	\$31,500

Project Title: AAA Industrial Park Storm Drain Outfall Location: AAA Industrial Park Subdivision

Project #: Category: 1

### **Project Description**

Upgrade storm drain outfall for Coffee Pot Storm drainage area to 25 year capacity per 2005 Storm Drain Master Plan. Because of the private status of the drainage this project cost was not included in the 2005 Master Plan cost. Costs estimated are higher than Master Plan cost estimate because bid costs have proven higher. The project may be pursued through CMAR. Funding for this project, as well as others, is also included to support in-house project management in order to ensure timely project completion.

# Coconino Nistoral Forest AAA Industrial Perk Sub-division Coconino Aistoral Forest Coconino Aistoral Forest AAA Industrial Perk Sub-division AAA Industrial Perk Sub-division The reconstruction of Forest AAA Industrial Perk Divisional Forest AAA

# **Project Justification**

This project allows projects in Little Elf area, Saddle Rock Subdivision, and Coffee Pot Road area to move closer to construction. This project is identified in the Storm Water Master Plan as CP-C1A,C1B.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	Carryover	\$110,000	\$189,935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$299,935
Environmental	General Fund	Carryover	\$10,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000
Chargebacks	General Fund	New	\$18,270	\$28,520	\$20,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,990
Construction	General Fund	New	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000
Construction	General Fund	New	\$0	\$820,000	\$380,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Arts	General Fund	New	\$0	\$8,200	\$7,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,000
Land	General Fund	New	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
		Total Budget	\$188,270	\$1,066,655	\$808,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,062,925

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: View Drive Drainage Improvements

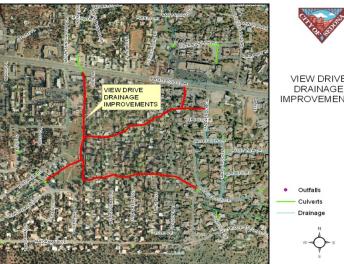
Project #: Category: 1

# **Project Description**

This project funds design and construction of storm drainage improvements for View Drive area per the 2005 Storm Drain Master Plan.

# **Project Justification**

This project was identified in the 2005 Storm Drain Master Plan as a high priority project. This project is identified as VD-CO1 - VD-C17 & VD-D01 - VD-D16 in the master plan.





Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design		New	\$0	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000
Environmental		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Chargebacks		New	\$0	\$0	\$0	\$35,000	\$36,613	\$0	\$0	\$0	\$0	\$0	\$0	\$71,613
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000
Construction		New	\$0	\$0	\$0	\$0	\$750,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$1,050,000
Arts		New	\$0	\$0	\$0	\$0	\$7,500	\$7,000	\$0	\$0	\$0	\$0	\$0	\$14,500
Land		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
_		Total Budget	\$0	\$0	\$0	\$385,000	\$794,113	\$707,000	\$0	\$0	\$0	\$0	\$0	\$1,886,113

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Location: View Drive Area

Project Title: Saddle Rock Drainage Improvements Location: Saddle Rock Area

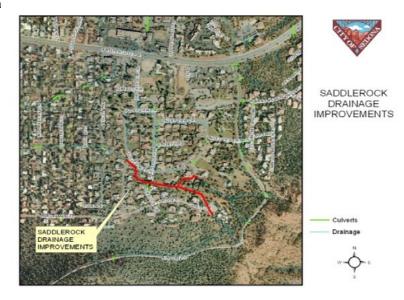
Project #: Category: 1

# **Project Description**

This project funds design and construction of storm drainage improvements for Saddle Rock area per the 2005 Storm Drain Master Plan.

# **Project Justification**

This project was identified in the 2005 Storm Drain Master Plan as a high priority project. This project is identified as SC-CO1 - SC-C08 & SC-D01 - SC-D05 in the master plan.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design		New	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$400,000
Environmental		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Chargebacks		New	\$0	\$0	\$0	\$0	\$10,000	\$45,955	\$0	\$0	\$0	\$0	\$0	\$55,955
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Construction		New	\$0	\$0	\$0	\$0	\$0	\$400,000	\$500,000	\$0	\$0	\$0	\$0	\$900,000
Arts		New	\$0	\$0	\$0	\$0	\$0	\$4,000	\$9,000	\$0	\$0	\$0	\$0	\$13,000
Land		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$210,000	\$649,955	\$909,000	\$0	\$0	\$0	\$0	\$1,768,955

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$649,955	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$649,955	\$0	\$0	\$0	\$0	\$0	\$0

**Project Title:** Brewer/Tlaquepaque Drainage Improvements

Project #:

**Location:** Brewer/Tlaqupaque Area

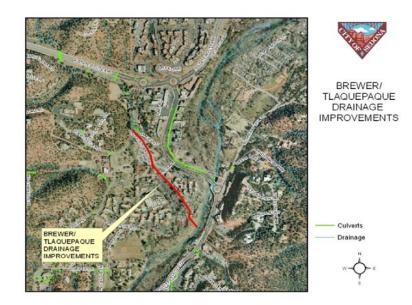
Category: 1

# **Project Description**

This project funds design and construction of storm drainage improvements for the Brewer Road/Tlaquepaque area per the 2005 Storm Drain Master Plan.

# **Project Justification**

A portion of this project was identified in the 2005 Storm Drain Master Plan as a high priority. This project is identified in the Storm Water Master Plan as SP-C1,C2. Portions of this project also include improvements on private property.



		Carryover/												
Category	Funding Source	New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	CC Flood Control	New	\$0	\$25,243	\$142,560	\$407,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$574,803
Design	Outside Sources	New	\$0	\$12,621	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,621
Design	Outside Sources	New	\$0	\$12,621	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,621
Chargebacks	CC Flood Control	New	\$0	\$30,000	\$37,875	\$35,350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$103,225
Construction	CC Flood Control	New	\$0	\$70,000	\$116,677	\$639,860	\$800,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$2,126,537
Construction	Outside Sources	New	\$0	\$0	\$116,677	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$116,677
Construction	Outside Sources	New	\$0	\$0	\$116,677	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$116,677
Arts	CC Flood Control	New	\$0	\$700	\$3,500	\$6,340	\$8,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$23,540
Land		New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$151,185	\$533,966	\$1,088,550	\$808,000	\$505,000	\$0	\$0	\$0	\$0	\$0	\$3,086,701

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$505,000	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$505,000	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Storm Drainage Easement Acquisition Location: City-Wide

Project #: Category: 1

### **Project Description**

Acquisition of drainage easements throughout City. It is proposed that initially the City begin acquiring drainage easements for the major drainage ways for the Coffee Pot, Dry Creek (designated together as the Carol Canyon subbasin). Project would require identification of drainage ways to be acquired, sizing of easements, appraisal of easements, and offers to purchase easements in the City's name. Costs don't include major equipment acquisition. This assumes work is contracted out.

### **Project Justification**

There are major drainage ways throughout the City that are identified only as Public Drainage Easements. The primary responsibility for maintenance of these drainage ways lies with the property owner. For public safety, and maintenance resources it may be better for the City of Sedona to own and maintain these drainage ways. City ownership will help to assure more uniform maintenance of major drainage ways, which should reduce the adverse impact of major storms on areas through the City. Maintenance will increase operating expenditures. The expenditures would be for either additional personnel and equipment or additional maintenance contracts. The City Engineer prefers to use the maintenance contract to reduce the need for owning large pieces of equipment. Initial maintenance of the channels may incur high costs in order to bring channels to a standard. The ongoing annual maintenance costs should be less than the initial. In FY 11/12 these funds were used for survey related to AAA Industrial Area drainage. FY 12/13 funding is being used for acquistion of a drainage channel along Coffee Pot Drive adjacient to the Casita Bonita Condos development.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Land	Impact Fees	Carryover	\$19,855	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,855
		Total Budget	\$19,855	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$69,855

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Stanley Steamer Crossing

Project #:

Location: Maxwell Drive through Stanley Steamer to Forest Service

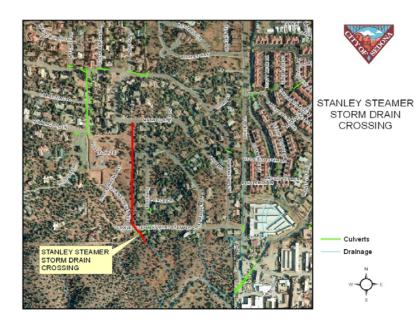
Category: 1

# **Project Description**

This project involves the construction of an outfall into the forest service area. It includes improving the drainage into a storm drain facillity constructed with the Tierra Verde Subdivison. The work would extend from Maxwell Drive south to the Forest Service Area.

# **Project Justification**

This is the downsteam end of a storm drainage system extending from Stanley Steamer to the North Star Lane/Thunder Mountain Road intersection. Flooding has occurred in storms rated at less than 25-year frequency in 2011 and 2012 from the Maxwell Road area south. Because the outfall of this project is in the Forest Service Area as is the nearby AAA Industrial Area drainage project it seemed cost efficient to pursue this project at the same time as the AAA Industrial Area project. Doing downstream work helps the City to be more responsive to upstream flooding issues.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design		New	\$80,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,000
Easements		New	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Environmental		New	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000
Construction		New	\$0	\$360,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$360,000
Art		New	\$0	\$3,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,600
Chargebacks			\$0	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
		Total Budget	\$90,000	\$381,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$471,600

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Forest Areas Detention Study

Project #:

Location: Upper Drainage Basin Areas in USFS

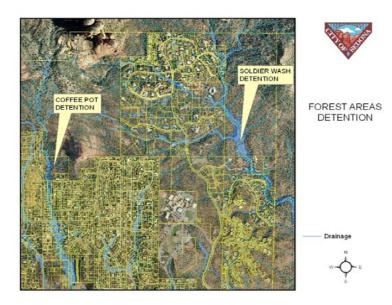
Category: 1

# **Project Description**

Complete a study to determine if detention basins in the upper Coffee Pot and Soldier Wash drainage basins would be feasible.

# **Project Justification**

If the detention basins are feasible, it could allow the City to more quickly address flooding in the urban areas, by reducing flows in the upper basins. It may also reduce the cost of infrastructure necessary downstream. This will require coordination with the USFS and other state and county agencies.



		Carryover/												
Category	Funding Source	New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
		Total Budget	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Storm Drainage Master Plan Update Location: City-Wide

Project #: Category:

### **Project Description**

Complete an update of the 2005 Storm Water Master Plan. This will include looking at the hydrology, and facility improvements and priorities. This will also account for the infrastructure completed since the 2005 plan was complete.

# **Project Justification**

Master plans are typically updated every 5 to 10 years. Since the 2005 plan was complete, major infrastructure has been added to the City's storm drainage system. To program improvement projects, it is necessary to account for the improvements and changes to the storm drainage system, that have occured since the last update. In addition, since the 2005 plan was complete, priorities for storm drainage construction may have changed, new priorities will be reflected by updating the plan. In FY20, the additional funds will be for a minor update to the master plan.

Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$450,000
		Total Budget	\$0	\$0	\$350,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$450,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Coffee Pot Drainage Basin - SR 89A Crossing Location: Coffee Pot Rd / SR 89A

Project #: Category:

### **Project Description**

Design and installation of Storm Drainage Improvements at the Coffee Pot Road / SR 89A Crossing. The adequacy of capacity of this existing infrastructure is being studied in FY 2012/2013, due to conflicting information suggesting the capacity may be adequate, which is contrary to the position of the 2005 Storm Drainage Master Plan. This project is proposed to account for the possibility that the FY 2012/2013 study may find the infrastructure inadequate. The design would be in FY 2019/2020 and construction would be in FY 2020/2021. In this phase of construction, within the Coffee Pot Drainage Basin, capacity of existing drainage improvements would be increased at the Coffee Pot Road/SR 89A Crossing. The outcome of the FY2012/2013 Coffee Pot Road / SR 89A Crossing Study and the Forest Area Detention Study Project in FY 2014/2015 will have a direct impact on the size and extent of the improvements required in this area.

### **Project Justification**

The 2005 Storm Drainage Master Plan identified this work. Storm drainage improvements upstream will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff. These improvements are required to provide downstream capacity and allow capacity increasing improvements for the Coffee Pot Road Area. This project is the southern portion of project CP-C4, as identified in the Storm Water Master Plan.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$25,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$125,000
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$4,500	\$0	\$0	\$0	\$0	\$4,500
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$25,000	\$0	\$0	\$0	\$0	\$100,000	\$454,500	\$0	\$0	\$0	\$0	\$579,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Dry Creek Drainage Basin - SR 89A Crossing Location: Dry Creek Rd / SR 89A

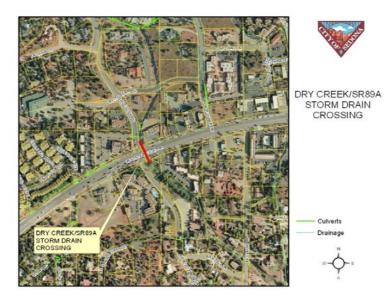
Project #: Category:

### **Project Description**

Design and installation of Storm Drainage Improvements at the Dry Creek Road / SR 89A Crossing. The design would be in FY 2019/2020 and construction would be in FY 2020/2021. In this phase of construction, within the Dry Creek Drainage Basin, capacity of existing drainage improvements would be increased at the Dry Creek Road/SR 89A Crossing. This will also include relocating the northeast traffic signal pole and widening of the north side of the intersection for the northbound lane.

# **Project Justification**

The 2005 Storm Drainage Master Plan identified this work. Storm drainage improvements at this location will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff. The intersection improvements, including relocating the northeast traffic signal pole and widening the northbound lane will improve safety. The arm of this traffic signal pole has been hit by trucks on numerous occassions. This project is identified in the Storm Water Master Plan as DC-C2.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,500	\$0	\$0	\$0	\$4,500
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$454,500	\$0	\$0	\$0	\$554,500

Ī	Total Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Coffee Pot Drainage Basin - Casa Bonita Channel Location: Casa Bonita Condominium Subdivision

Project #: Category:

### **Project Description**

Design and installation of Storm Drainage Improvements at the Casa Bonita Channel, adjacent to Coffee Pot Road. This includes the inlet to the Basha's Shopping Center Storm Drain System. Minor design and construction would be completed in FY 2017/2018, to restore the channel to existing condition, prior to being damaged in a storm in September 2009. This will study and consider the ultimate design concept to reduce rework necessary when the full capacity design is completed in FY 2019/2020 and construction is completed in FY 2020/2021. The outcome of the Forest Area Detention Study Project in FY 2014/2015 will have a direct impact on the size and extent of the improvements required in this area. City staff is currently working, in FY 2012/2013, on acquiring an easement for this drainage facility area.

### **Project Justification**

The 2005 Storm Drainage Master Plan did not identify this work, as it was private. The adequacy of capacity of this existing infrastructure is unknown at this time. This project is proposed as a Capital Improvement Project due to the required improvements upstream and downstream of this area. In order to make the public improvements upstream of this area, analysis of the adequacy of this facility is necessary. Storm drainage improvements will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff at the Casa Bonita Channel. These improvements are required to provide downstream capacity, to allow capacity to be increased for the Coffee Pot Road Crossing. This project is identified in the Storm Water Master Plan as the northern portion of CP-C4.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$20,000	\$100,000	\$0	\$0	\$0	\$0	\$120,000
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$4,500	\$0	\$0	\$0	\$5,500
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$400,000	\$0	\$0	\$0	\$500,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$121,000	\$100,000	\$454,500	\$0	\$0	\$0	\$675,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Coffee Pot Drainage Basin - Coffee Pot Road Crossing

Category:

# **Project Description**

Project #:

Design and installation of Storm Drainage Improvements at the Coffee Pot Road Crossing. The design would be in FY 2019/2020. Construction would be in FY 2020/2021. In this phase of construction, within the Coffee Pot Drainage Basin, capacity of existing drainage improvements would be increased at the Coffee Pot Road Crossing. The outcome of the Forest Area Detention Study Project in FY 2014/2015 will have a direct impact on the size and extent of the improvements required in this area.

### **Project Justification**

The 2005 Storm Drainage Master Plan identified this work. Storm drainage improvements will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff at the Coffee Pot Road Crossing. These improvements are required to provide downstream capacity, to allow capacity to be increased for the Grasshopper Lane Area and Jackrabbit Lane Crossing improvements. This project is identified in the Storm Water Master Plan as CP-C5.





COFFEE POT ROAD CROSSING





Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Design	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$0	\$0	\$2,000
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$202,000	\$0	\$0	\$0	\$302,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Location: Coffee Pot Road

**Project Title:** Coffee Pot Drainage Basin - Jackrabbit Lane Crossing

Project #: Category:

### **Project Description**

Design and installation of Storm Drainage Improvements at the Jackrabbit Lane Crossing. The design would be in FY 2019/2020. Construction would be in FY 2020/2021. In this phase of construction, within the Coffee Pot Drainage Basin, capacity of existing drainage improvements would be increased at the Jackrabbit Lane Crossing. The outcome of the Forest Area Detention Study Project in FY 2014/2015 will have a direct impact on the size and extent of the improvements required in this area.

# **Project Justification**

The 2005 Storm Drainage Master Plan identified this work, however, it is identified as private. This project is proposed as a Capital Improvement Project due to the required improvements upstream and downstream of this area. In order to make the public improvements upstream of this area, these proposed improvements are necessary. Storm drainage improvements will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff at the Jackrabbit Lane Crossing. These improvements are required to provide downstream capacity, to allow capacity to be increased for the Grasshopper Lane Area improvements. This project is identified in the Storm Water Master Plan as CP-C5A.





JACKRABBIT LANE CROSSING

Drainage



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$0	\$55,000
Design	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0	\$1,500
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$0	\$5,000
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$151,500	\$0	\$0	\$0	\$211,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Location: Jackrabbit Lane

**Project Title:** Coffee Pot Drainage Basin - Grasshopper Area Drainage

Location: Grasshopper Lane

Project #:

Category:

### **Project Description**

Design and installation of Storm Drainage Improvements in the Grasshopper Lane Area. The design would be in FY 2020/2021. Construction would be in FY 2021/2022. In this phase of construction, within the Coffee Pot Drainage Basin, capacity of existing drainage improvements would be increased from the area to the southern end, at the Grasshopper Lane Crossing, to the upper end of Grasshopper Lane, at South Little Elf Drive. The outcome of the Forest Area Detention Study Project in FY 2014/2015 will have a direct impact on the size and extent of the improvements required in this area.

### **Project Justification**

The 2005 Storm Drainage Master Plan identified this work. The scope of improvements included in this project is greater than what was included in the 2005 Plan in that this project will include acquiring private property and extending the storm drain system through the developed area, rather than only including the public right of way area. Storm drainage improvements will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff in the Grasshopper Lane area. These improvements are required to provide downstream capacity, to allow capacity to be increased for the Little Elf Area improvements. This project is identified in the Storm Water Master Plan as CP-C6,C7, with portions of private property between the two projects.





GRASSHOPPER AREA DRAINAGE

Drainage



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000	\$0	\$0	\$0	\$70,000
Design	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500	\$0	\$0	\$3,500
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$353,500	\$0	\$0	\$453,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Coffee Pot Drainage Basin - Little Elf Area Drainage Location: Little Elf Drive

Project #: Category: 1

### **Project Description**

Design and installation of Storm Drainage Improvements in the Little Elf Drive Area. The design would be in FY 2021/2022. Construction would be in FY 2022/2023. In this phase of construction, within the Coffee Pot Drainage Basin, capacity of existing drainage improvements would be increased from the area just south of Sanborn Drive to the upper end of the developed portion of this basin. The outcome of the Forest Area Detention Study Project in FY 2014/2015 will have a direct impact on the size and extent of the improvements required in this area.

### **Project Justification**

The 2005 Storm Drainage Master Plan identified this work. The scope of improvements included in this project is much greater than what was included in the 2005 Plan in that this project will include acquiring private property and extending the storm drain system to the upper end of the developed area, rather than only including the public right of way area. Storm drainage improvements will reduce damages from flooding, prevent natural erosion from occurring and control silt runoff in the Little Elf Drive area. These improvements are the final major improvements programed in the Coffee Pot Drainage Basin. This project is identified in the Storm Water Master Plan as CP-C8.





LITTLE ELF AREA DRAINAGE

Drainage



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Design	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$600,000
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$1,010,000	\$0	\$1,210,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: WW Effluent Disposal - Wetlands

Project #:

**Location:** Wastewater Treatment Plant

Category: 2

# **Project Description**

Construction of the wetlands was completed in FY11/12. Additional plantings in the riparian upland zone were not installed with the initial construction. This project includes the planting in the riparian upland zone of the existing wetlands, as well as design and construction of additional wetlands areas in FY2015, FY2016, and FY2017.

# **Project Justification**

The installation of additional planting will aid in the uptake of treated effluent in the wetlands and will reduce the amount of treated effluent that is disposed of by spray irrigation. The plants will require initial weekly watering until the plants are established. The watering is currently being done by volunteers, however the current wastewater staff may need to occasionally perform watering duties.



		Carryover/												
Category	Funding Source		Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	WW Revenue	Carryover	\$170,760	\$0	\$950,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,120,760
Chargebacks	WW Revenue	Carryover	\$0	\$0	\$38,000	\$56,250	\$87,500	\$0	\$0	\$0	\$0	\$0	\$0	\$181,750
Construction	WW Revenue	Carryover	\$1,470,964	\$0	\$0	\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,470,964
Construction	Grant	Carryover	\$16,275	\$8,625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,900
		Total Budget	\$1,657,999	\$8,625	\$988,000	\$2,556,250	\$2,587,500	\$0	\$0	\$0	\$0	\$0	\$0	\$7,798,374

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$0	\$175,000

Project Title: Wastewater Effluent Management- Injection/Recharge Location: Wastewater Treatment Plant

Project #: Category: 1

### **Project Description**

This project would allow the City to dispose of one to two million gallons per day of treated wastewater by recharging the Verde River Aquifer. The recharge will add water to the Verde River Basin in a manner that will allow for its reuse over time by properties developing within the Verde River Basin. This project would reduce the area used for the current method used to dispose of treated wastewater by spray irrigation from approximately 300 acres to about 50 acres. To do this, the City will need to treat its water to appropriate quality for recharge, pipe the water to the Verde River Basin, and pump the water into the underground aquifer on property it will need to purchase as a recharge station site. As the water is pumped into the ground, the City expects to receive water credit allocations from the Arizona Department of Water Resources for a percentage of the water being placed into storage.

### **Project Justification**

The City's Wastewater Treatment Plant is approaching treatment capacity. After about 2,500 new connections the current treatment plant will not be able to handle any more inflow of sewer water from the community. Recharge (more treatment of the effluent) would provide more capacity for inflow and lengthen the life of the existing treatment plant. Increasing capacity at the plant also reduces the risk of overflow or plant failure. If no new mechanism for disposing of effluent is found, the other option is to expand the plant, a very expensive venture with far less tangential benefit than recharge. Finding a way to dispose of treated wastewater on a permanent basis, other than by spray irrigation, will free up land at the Wastewater Reclamation Plant for other, as yet undetermined, uses. City staff will need to maintain the recharge piping, pumps, and recharge area. Also, there will be a need to track the credits generated and their use.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Chargebacks	WW Revenue	Carryover	\$0	\$48,125	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,125
Construction	WW Revenue	Carryover	\$1,332,907	\$893,897	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,226,804
Environmental	WW Revenue	Carryover	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Design	WW Revenue	Carryover	\$269,935	\$508,561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$778,496
Contingency	WW Revenue	Carryover	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
		Total Budget	\$1,602,842	\$1,675,583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,278,425

Total Opera	ating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$500,000

Project Title: WWTP Future Effluent Management - Optimization Location: Wastewater Treatment Plant

Project #: Category: 1

### **Project Description**

This project provides appropriation authority for future effluent management. This will likely be some combination of disposal of effluent through recharging the Verde River Aquifer as well as possible expansion of the Wetlands. The Optimization Project includes methods of effluent management at the study level. The project will look at the effectiveness of each method of effluent disposal and recommend the best method or combination of methods based on the analysis. Design of projects for construction has been separated into individual projects (see WWTP Effluent Disposal - Wetlands and WWTP Effluent Disposal - Injection/Recharge). Because both the injection/recharge and wetlands projects are in pilot/testing stages now, City staff will need to continue testing and monitoring to determine the effectiveness of both potential effluent disposal methods. As we obtain data from both methods, we will be able to determine the appropriate mix of these and other potential disposal methods.

### **Project Justification**

The City's Wastewater Treatment Plant is approaching treatment capacity. After about 2,500 new connections the current treatment plant will not be able to handle any more inflow of sewer water from the community. Recharge (more treatment of the effluent) would provide more capacity for inflow and lengthen the life of the existing treatment plant. Increasing capacity at the plant also reduces the risk of overflow or plant failure. If no new mechanism for disposing effluent is found, the other option is to expand the plant, a very expensive venture with far less tangential benefit than recharge. Finding a way to dispose of treated wastewater on a permanent basis, other than by spray irrigation, will free up land at the Wastewater Reclamation Plant for other, as yet undetermined, uses. City staff will need to maintain the recharge piping, pumps, and recharge area. Also, there will be a need to track the credits generated and their use.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Chargebacks	WW Revenue	Carryover	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	WW Revenue	Carryover	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Environmental	WW Revenue	Carryover	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	WW Revenue	Carryover	\$834,180	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$909,180
Contingency	WW Revenue	Carryover	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$834,180	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$909,180

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: WWTP Capacity Enhancements - Upgrades

**Project #:** 2012-117

**Location:** Wastewater Treatment Plant

Category: 1

### **Project Description**

Upgrade treatment plant capacity to be able to achieve adequate treatment of 2.0 MGD with appropriate system redundancy and operational flexibility. Future projects are anticipated to be an additional secondary clarifier (FY14/15 Design & FY15/16 Construction), an additional blower (FY15/16 Design & FY16/17 Construction), and conversion of the secondary EQ Basin to an aerobic digester (FY16/17 Design & FY17/18 Construction).

# **Project Justification**

In 2010 Carollo Engineers conducted an evaluation of the plant process. Based upon influent strengths it was observed that the reliable capacity of the plant is 1.5 MGD rather than the 2.0 MGD it had be designed for. The limiting factor occurs when system components must be taken down for maintenance the capacity of the plant can drop below 2.0 MGD.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Chargebacks	WW Revenue	New	\$22,250	\$41,875	\$26,200	\$11,250	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0	\$114,575
Construction	WW Revenue	New	\$0	\$0	\$1,435,000	\$385,000	\$487,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,307,000
Design	WW Revenue	Carryover	\$92,866	\$637,906	\$35,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$815,772
Contingency	WW Revenue	New	\$0	\$130,000	\$30,000	\$25,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$285,000
		Total Budget	\$115,116	\$809,781	\$1,526,200	\$471,250	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,522,347

Tot	al Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$50,000	\$40,000	\$40,000	\$80,000	\$370,000
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$50,000	\$40,000	\$40,000	\$80,000	\$370,000

Project Title: Wastewater Pump Station at Back O Beyond

Project #:

Location: Back O Beyond

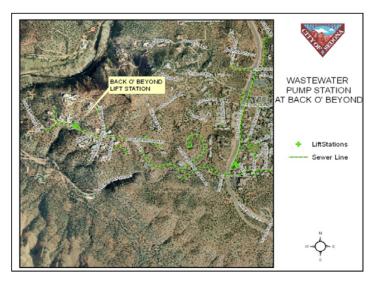
Category: 1

### **Project Description**

Replace Environmental 1 (E1) pump in Back O' Beyond with a new pump station.

### **Project Justification**

The Environmental 1 pump station at Back O' Beyond is a residential quality pump. It is not adequate for this multiple residence application. It frequently fails and plugs. It is not constructed in an accessible manner and is difficult to maintain. Replacing the E1 with a small pump station similar to the new Fox station in Chapel will reduce maintenance costs, help prevent spills, and be consistent in equipment to the other minor pump stations. This will reduce the number of backup pumps that must be in inventory for replacement, since most stations will use the same pump. It would be fitted with the Omni alarm system to provide on-line monitoring of flows, alarms and pump efficiency. FY 13/14 Carryover is due to final cost estimate exceeding budget and therefore being postponed in order to cover budget deficit in the following fiscal year.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design		Carryover	\$24,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000
Chargebacks		Carryover	\$2,025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,025
Construction		Carryover	\$45,000	\$95,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$140,000
		Total Budget	\$71,025	\$97,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$168,025

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: WW Master Plan Location: Citywide

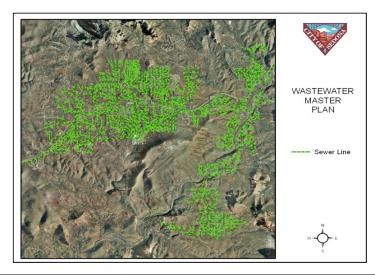
Project #: Category: 1

### **Project Description**

This project would update the wastewater master plan for the collection system

# **Project Justification**

The existing master plan is over 10 years old - the collection system has expanded and the long term plans for further expansion of the system have changed. In addition, since the 2002 plan was completed, the City is no longer under a consent decree by ADEQ and therefore the City's priorities have changed. This update will reflect the new priorities and help plan future projects and budgeting for the 10 year CIP. The funds allocated in FY2019 are for a 5-year update to the master plan, which will be minor.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Master Plan	WW Revenue	New	\$0	\$0	\$200,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$300,000
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: WWTP New Headworks Installation

Project #:

**Location:** Wastewater Treatment Plant

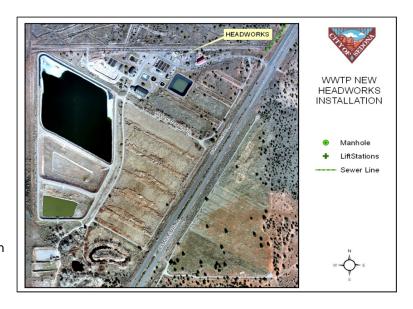
Category: 1

# **Project Description**

The wastewater treatment plant headworks is the original structure and is showing signs of deterioration. This project will provide design and construction of a replacement headworks.

# **Project Justification**

The concrete structure at the headworks is already showing excessive deterioration due to the hydrogen sulfide, and while patch repairs and increased attention to the odor control system will extend the life of this structure, providing for a new headworks is more ideal for treatment sustainability with minimal O&M impacts. In the design, adequate and more efficient fine screening, odor control and grit removal will aid in less wear and tear of downstream equipment and processes while reducing hydrogen sulfide concentrations extending the life of this new structure.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	WW Revenue	New	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Chargebacks	WW Revenue	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	WW Revenue	New	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
Contingency	WW Revenue	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Budget	\$0	\$0	\$0	\$0	\$100,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,600,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Mystic Hills Lift Station Access Improvement

Project #:

**Location:** West Mallard Drive

Category:

### **Project Description**

Development of plans, specifications and cost estimate to improve the low water crossing at the west end of West Mallard Drive, for the driveway leading to the Mallard Wastewater Lift Station. Corps of Engineer requirements will be determined and right of way needs will be defined. Coconino County Flood Control Grant Funds may be considered for this project.

### **Project Justification**

This project will develop a design and costs to improve public road ingress and egress to the Mallard Wastewater Lift Station during the summer monsoon season. During summer monsoon storms this area has been isolated at times and road embankment is undermined and requires repair. This project provides drainage improvements not shown in the storm drainage master plan, and mainly benefits access to the wastewater lift station, as such it would be considered primarily a wastewater improvement project.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Design	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	Grants	New	\$0	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$20,000
Chargebacks	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arts	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	Grants	New	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$100,000
Construction	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	General Fund	New	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u> </u>		Total Budget	\$0	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000

Ī	Total Operating Impacts											
	Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: Major Collection System Rehabilitation or Extension

Project #:

**Location:** City-Wide

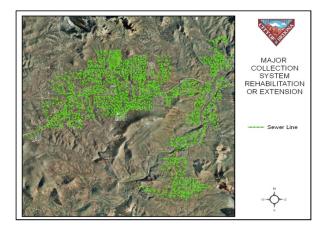
Category: 2

### **Project Description**

This project would rehabilitate and/or extend the major collection system throughout the City.

### **Project Justification**

As the collection system ages, rehabilitation of the sewer mains will be needed on a yearly basis. The need for rehabilitation will be identified through scheduled CCTV of the system and can range from minor repairs to replacement of the lines. As flows increase to the treatment plant, an extension of the collection system may also be necessary to facilitate the increase.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Chargebacks	WW Revenue	Carryover	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Construction	WW Revenue	Carryover	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Environmental	WW Revenue	Carryover	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	WW Revenue	Carryover	\$0	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000
		Total Budget	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Title: WWTP Reservoir #2 Liner Location: Wastewater Treatment Plant

Project #: Category: 3

# **Project Description**

Install synthetic liner in Wastewater storage reservoir #2.

### **Project Justification**

Wastewater irrigation flows are at capacity in the winter when evapotranspiration is at a minimum and when rainy or freezing weather does not allow irrigation. In 2010, Reservoir #1 reached full capacity and overflowed into Reservoir #2. Storage of effluent is allowed by the facility's APP permit if "used in such a manner, including the installation of liners if necessary, as not to cause spills, day-lighting, ponding (outside of the reservoirs)" The reservoir does not currently comply with this requirement. Therefore, storage of effluent in Reservoir #2 does not comply with the APP requirements. Based on the current progress of the effluent management program seeking an alternate effluent discharge point than irrigation, it is expected to be 2 years before an alternate discharge point is available. Irrigation disposal capacity may decrease as salts continue to build up in the irrigation soils, and it is very likely that winter discharges into Reservoir may occur during winter months. The City of Sedona is complying with ADEQ's informal request to address this situation, but technical considerations and permitting time-frames necessarily make this a long term project. Interim action will help maintain permit compliance. Reservoir #2 has approximately 6.5 acres of surface area and would provide 28 million gallons of additional storage capacity (nearly one month effluent flow). This capacity would be adequate to provide adequate winter storage for several years since current growth is slow and is not expected to increase significantly in the near future since there is no large sewer extension currently planned.



Category	Funding Source	Carryover/ New	Prior Yr	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Total
Contingency	WW Revenue	New	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
Chargebacks	WW Revenue	New	\$0	\$0	\$8,500	\$22,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,000
Design	WW Revenue	New	\$0	\$0	\$87,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$87,500
Construction	WW Revenue	New	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000
		Total Budget	\$0	\$0	\$221,000	\$1,022,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,243,500

Total Operating Impacts											
Personnel Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials & Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contractual Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

# **Future Concepts**

Out of 2013-2022 Plan	Cost
Public Art in City Parks	\$10,000 Annually
Uptown Walking Paths	\$80,000
Both of the above Arts projects were identified as being funded through outside sources but no outside sour	ces exist
Uptown Parking Structure	\$8,660,000
Included as a cost share with a Parking Improvement District (ID) funding majority	
There is no current desire/willingness on the part of the property owners to create an ID	
Affordable Housing Land Acquisition	\$200,000
Council voted against land acquisition and instead has reallocated this funding to programming	
Funding will be moved to operating budget	
Expand City Private Wireless Network	\$50,000
Video Conferencing	\$50,000
Neither of these projects are being pursued at this time, but will be included in operating budget	
if they are resurrected in the future	
Jordan Park Museum Rehabilitation Project	\$151,500
Rehab projects are being done incrementally through ongoing maintenance/operating funds	
Posse Grounds Concession Stand Rehabilitation - Not deemed essential at this time	\$252,000
Solar Power for City Facilities	\$50,000
Will look at Power Purchase Agreement or something without up front costs, similar to WW solar project	
SR89A Utility Undergrounding Kallof Place to Dry Creek Road	\$8,478,000
No reasonable expectation that this level of funding would be available	
WWTP Odor Control - Not being pursued until/unless citizens complain about odor problems	\$237,500
Funding to develop park land after land acquisition - no funding	\$2,420,000
Citywide Traffic, Pedestrian and Bicycle Ways, and Urban Trails and Pathways Study and Implementation	\$5,138,500
Other Items	
Undergrounding of power lines across 89A south of Brewer Roundabout	\$315,000
Total project \$550,000, to be done in conjunction w APS overhead line replacement	
City would need to pay the difference to underground	
In order to balance program the following projects were moved out beyond staff recommendations	
View Drive Drainage out two years	
Saddle Rock Drainage out two years	
Bike Skills Park - design funded from outside sources year 1, phased construction over two subsequent years	
Feasibility study for WWTP site moved out one year	\$250,000

### Comments from Public Meetings on CIP

Drainage projects are highest priority, should keep them accelerated

City should contribute more to the Historic Society project

Banners should not be allowed in Uptown, there is already enough signage, goes against sign codes, will degrade Uptown and we cannot accommodate more people at Uptown events anyway - this was expressed by numerous people at numerous meetings

Must insist Tlaquepaque/Los Abs contribute significantly to that drainage project since they caused the drainage issues by developing within the drainage-way to expand for-profit business, they will benefit from improvements, not general citizenry.

Questioning of whether shooting range is compatible with wetlands, animals, etc.

Support for larger expenditures for Police Dept, including training facility, shooting range, office renovations, etc., emphasis on the importance of public safety program.

Concern over upsetting visitors by installing parking meters

89a

Multiple comments regarding the importance of putting a sidewalk on Chapel Road due to safety concerns Frustration expressed regarding proposed expenditures for studies (traffic, bicycle pedestrian ways, urban trails and pathways, etc.) no money to implement and studies seem very expensive.

Recommendation to accelerate the parking lot expansion at the Sugarloaf Trailhead

Disagreement with studying feasibility of multipurpose facility at WWTP

There were concerns expressed about the water usage for the splash pad at Sunset Park