



Capital Improvements Program 2015

City of Blue Springs, Missouri



Fiscal Years 2015-16 to 2020-21

Community Development Department, June 2015

City of Blue Springs, Missouri

Capital Improvements Program

Community Development Department

Special points of interest:

- Balanced budget for the 6-year plan
- \$31 million dollar budget for the "funded" projects
- Continues the priorities defined by the City Council
- Current Street Rehab and sidewalk maintenance efforts are maintained within the 6-year CIP

Introduction

Capital improvement programming is a cornerstone of sound financial planning and local government fiscal policy. It is also a proven planning tool for successful implementation of a community's comprehensive plan to achieve its long-term goals and objectives. As such, it helps a community identify and prioritize immediate and long-term needs in the context of existing capacity and resources and facilitates the formulation of long-term strategies to address ongoing trends and service level demands.

The Capital Improvement Program (CIP) provides a linkage between planning and budgeting, and a coordination of financing and timing in a way that maximizes the return to the community. It enables the government to visualize its opportunities and constraints, and leverages those opportunities to develop strategies that address priorities and demonstrates stewardship of scarce public resources. The CIP covers a six-year planning period, but is re-evaluated and published each year to reflect changing needs, new opportunities, and City Council priorities and goals. The six-year CIP does not appropriate funds, but rather functions as a planning and budgeting tool, with support of the actual appropriations made through the adoption of the annual city budget adopted each year in September. Projects within the first year of the CIP may be incorporated into the upcoming annual budget. The remainder of the plan is re-evaluated, updated, and re-prioritized each year to meet those ongoing changes and additions.

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The CIP is intended to guide the City in the planning, scheduling and budgeting for improvements that include maintenance, asset replacement, and capacity-building projects. The CIP outlines proposed expenditures and allocates existing funds and anticipated revenues to rehabilitate, restore, improve, and add to the City's physical assets.

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Patience. We didn't get where we are in a single lifetime. A tiny change in your life or the life of your community can yield tremendous results in 30 years

Proposed by Administration

BILL NO. 4373

Introduced by Councilman Culpepper

ORDINANCE NO. 4546

AN ORDINANCE ADOPTING THE CITY OF BLUE SPRINGS CAPITAL IMPROVEMENTS PROGRAM FOR FISCAL YEARS 2015-16 THROUGH 2020-21

WHEREAS, the Home Rule Charter of the City of Blue Springs requires the City Administrator to prepare and submit a Capital Improvements Program (CIP) to the Mayor and City Council; and

WHEREAS, the City Council held a public hearing June 15, 2015, to receive comments about the proposed Capital Improvements Program for Fiscal Years 2015-16 through 2020-21.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BLUE SPRINGS, MISSOURI, as follows:

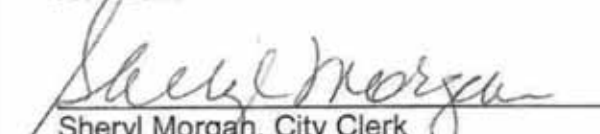
SECTION 1. The City Council hereby adopts the Capital Improvements Program (CIP), for Fiscal Years 2015-16 through 2020-21; said CIP is hereby incorporated herein by reference as if fully set out in this Ordinance.

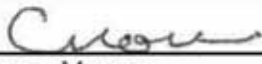
SECTION 2. This ordinance shall be in full force and effect from and after its passage and approval.

PASSED BY THE CITY COUNCIL AND APPROVED BY THE MAYOR OF THE CITY OF BLUE SPRINGS, MISSOURI, this 15th day of June, 2015.

CITY OF BLUE SPRINGS

ATTEST:


Sheryl Morgan, City Clerk


Carson Ross, Mayor

1st reading: June 15 2015
2nd reading: June 15 2015

Overview of Fiscal Years 2015-16 to 2020-21

The Fiscal Years 2015-16 to 2020-21 Proposed CIP describes the City's "Priority and Strategic Areas" for long term maintenance, equipment replacement, and capital investment based upon existing resources and the priorities, goals, and objectives of the City Council. Although the individual projects are listed and funded by project type (e.g. Parks & Recreation, Streets, Sanitary Sewer), this report outlines how these projects are linked with current priorities established within adopted plans and future capital expenditure forecasting.

In an effort to better define and strategically link projects to goals and objectives, three categories have been used: Maintenance, Equipment Replacement and Capital Improvement Projects. Maintenance and Equipment Replacement involves either replacement of City equipment or maintenance of City infrastructure. A Capital Improvement Project means any project that involves new construction (e.g. new water or sewer line, etc.), significant reconstruction (e.g. reconstruction of existing roadway, etc.), or adds capacity to existing infrastructure (e.g. widening an existing street, etc.). As with past years, projects will still be noted as either a *Funded* or *Unfunded* project. However, you will note that the projects are sorted by the previously noted three categories and projects that are *Unfunded* are noted in Figure 6 (page 11).

*The City Council
in cooperation
with a Community
voice have set the
priorities and
goals for the City.*



*Playground Equipment
Burriss Old Mill Park*

THE CATEGORIES: MAINTENANCE, EQUIPMENT REPLACEMENT, AND CAPITAL IMPROVEMENTS

Previously projects had been defined as “*Funded*” and “*Unfunded*.” These categories did not necessarily completely describe the objectives of the program nor the strategic investment each project represented and its impact on the City’s capital assets. By sorting projects into the three categories noted above one begins to see the “story” of the program. For instance it can be seen in the current year’s program that it is overwhelmingly oriented towards maintenance rather than expansion and growth. This does not mean our community is not growing, rather that City initiated infrastructure is not keeping pace with the growth that may be occurring. The maintenance story also suggests the City should exercise prudent judgment when contemplating new infrastructure such as that proposed and/or provided by new development.

Maintenance

From a funding standpoint, maintenance is the primary focus of the 6-year CIP totaling approximately \$27.8M, representing 90% of funding currently programmed in the 6-year CIP. For the 2015-16 fiscal year, proposed maintenance projects include Downtown Revitalization (CD-03), Street Rehabilitation (ST-06), Concrete Repair and Maintenance (ST-44) (former Sidewalk Repair and Replacement), Citywide Sanitary Sewer Maintenance (SAN-07), Watermain Maintenance (WA-12), and Water Tank Maintenance (WA-14).

Equipment Replacement

There are two projects proposed for the 2015-16 fiscal year in this category; replacement of a Snow Plow/Dump Truck (ST-24) and updating the Water SCADA System (WA-16). The cost associated with equipment replacement in the 6-year CIP is approximately \$2.32M, representing 7% of funding currently programmed.

Capital Improvements

For the 2015-16 fiscal year there are four projects in this category; Parks and Open Space Comprehensive Master Plan (PR-49), Street Difference (ST-27), Tyer Road Sanitary Sewer Phase I (SAN-15), and Tyer Road Sanitary Sewer Phase II Design (SAN-18). The cost associated with Capital Improvement projects for the 6-year CIP is approximately \$892,992 dollars and represents slightly under 3% of funding currently available.

Tennis Court
Baumgardener Park



2015-2016 Budget Changes

As proposed, the funded projects in the 2015-16 budget are consistent with the 2014-15 to 2019-20 program and have been moved forward accordingly. There are two projects that move forward under a different title in the 2015-16 CIP budget. CD-03, Downtown Revitalization was formerly called CD-02, Community Development Block Grant Program and ST-44 was formerly titled Sidewalk Repair and Maintenance and now is titled Concrete Repair and Maintenance. The title changes were made to better reflect the programs as they move forward but the objectives of both programs have not significantly changed. Finally, the Parks and Open Space Comprehensive Master Plan was formerly noted as an “unfunded” project and is now proposed to be funded in the 2015-16 CIP budget.

Previously funded Phase I of Tyer Road Sanitary Sewer Extension has been added this year with updated project cost information (SAN-15). The additional funding will allow the City to proceed with extending the sewer from the south side of NE Coronado Drive near Haldex to the north side of I-70 near NE 20th Street. Design of Phase II (SAN-18) has also been added. This will design the second “leg” of the sanitary sewer line that will extend the sewer on the north side of I-70, approximately 1,400 feet to the east.



Railroad Lake at Rotary Park

Summary of Funded and Unfunded Projects

The priority and strategic investment areas for projects within the proposed CIP remain consistent with City Council priorities which include maintenance of critical infrastructure and replacement of equipment that has reached the end of its useful life. Such projects include:

- ◆ ST-06: \$13.8M, or 44.5% of the six year CIP is currently proposed for the annual Street Rehabilitation Program.
- ◆ ST-44: The Concrete Repair and Maintenance Program (formerly Sidewalk Repair and Maintenance Program) reflects a new approach to the sidewalk repair and replacement program. The proposal includes the use of a one-time infusion of funds previously authorized by the City Council to address sidewalks and leverages utility resources to fund an in-house flatwork crew to perform repairs on certain concrete infrastructure.
- ◆ CD-03: Leverages CDBG funds to make strategic infrastructure and planning investments in downtown to facilitate continued redevelopment of this critical area of the City.
- ◆ ST-24, SAN-10, SAN-16 and SAN -17: These projects are examples of the strategic replacement of equipment that has reached the end of useful life and include a Snow Plow/Dump Truck, Combination Flushing Vacuum Truck, Rubber Tired Skid Steer, and 12,000 lb. Hydraulic Excavator, each corresponding respectively to the project numbers listed above.

Development of the CIP continues to include several strategic capital investments that are informed by the citizen visioning program—"Renew the Blue, Reaching Higher,"—and trends and priorities identified in the DirectionFinder citizen survey. As with last year, the CIP reflects a balance between an ongoing emphasis on annual street rehabilitation without completely eliminating other important projects and needs. However, the capacity to continue this balance on a sustained basis decreases with each year and any flexibility is virtually exhausted.

The CIP reflects the City's philosophy of sound fiscal policies and long range financial planning. Projects are prioritized to address on-going maintenance, correct an existing deficiency, or replace key equipment necessary to meet the ongoing service level targets. The Fiscal Years 2015-16 to 2020-21 projects that are funded within the CIP totals just over \$31M. Approximately 45% (\$13.9 million) of this amount is allocated to utility projects that are funded by restricted funds in the Water and Sewer Utilities. Approximately 46% (\$14.25 million) is funded through Transportation Tax, Bonds, Federal or State Grants. Approximately 7% (\$2.2 million) is funded by general fund monies and/or current savings. CDBG Funds account for 2% (\$654,000) of the 6-year budget. (See Figure 11, Page 25).

While the City is maximizing investments in CIP-related projects, there are unfortunately many important projects that continue to be *Unfunded* as a result of resource constraints, *Unfunded* projects total \$74.7M and are broken out by program as shown on Pages 26-29. The total of *Unfunded* projects in FY 2015-2020 CIP was \$130.1 million dollars. The reduction for *Unfunded* projects is due to removal of projects no longer considered viable and the removal of parks projects until such time as they are evaluated through the Parks and Open Space Comprehensive Master Plan (PR-49). Once this project is completed it is anticipated that some of the Parks projects previously removed will return to the CIP as well as newly identified projects.

The *Unfunded* portion of the CIP combined with the *Funded* portion, brings the 2015-16 to 2020-21 CIP total estimated project costs to approximately \$105.7 million dollars. The Funded portion of the CIP represents approximately 29% of the total estimated project costs associated with the CIP budget.

Figure 1: Proposed CIP Allocation by Project Type for FY 2015-16

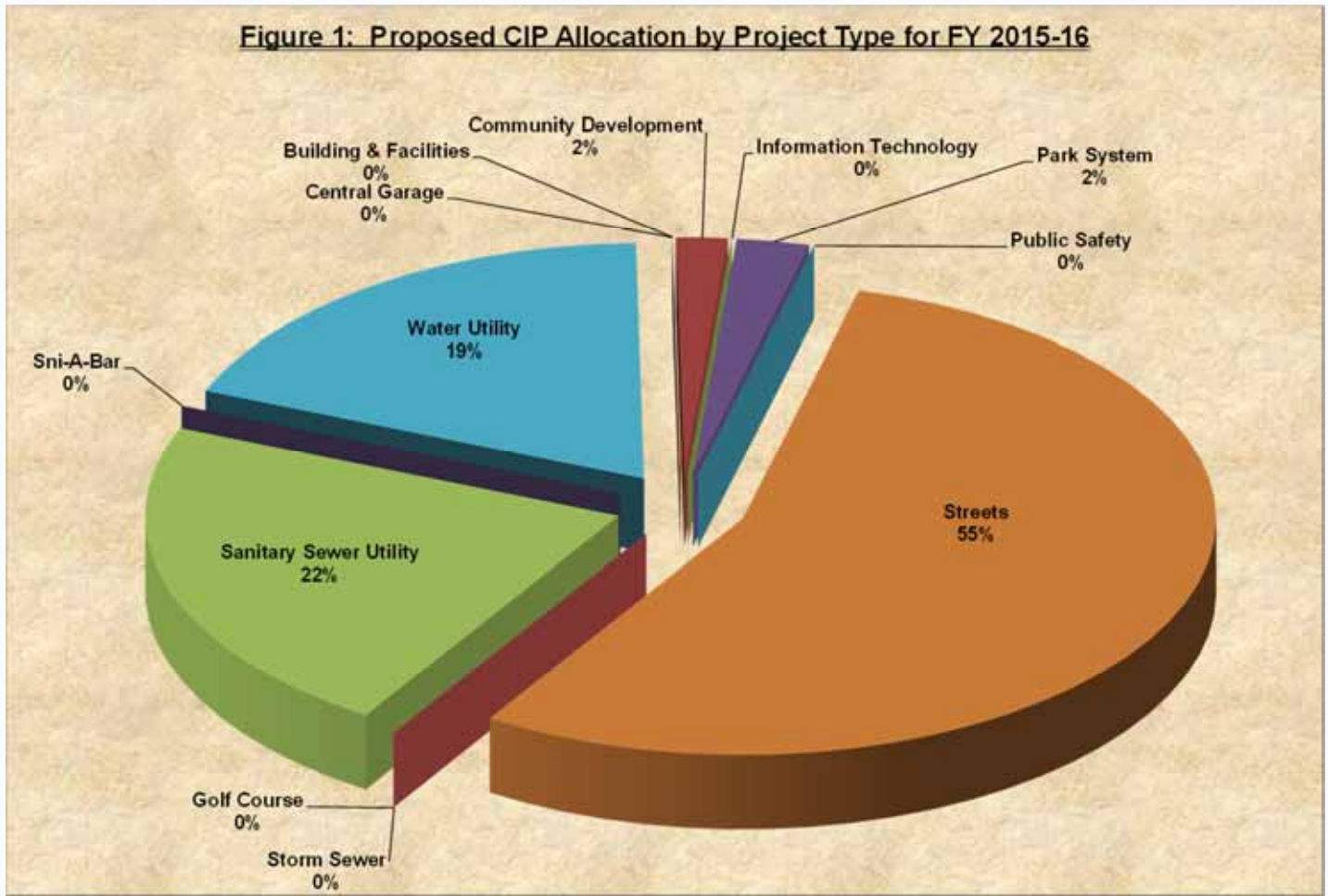


Figure 2: Proposed CIP Allocations by Project Type for FY 2015-16 to 2020-2021

Improvement Type	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Building & Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Community Development	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Information Technology	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,982	\$ 147,982
Park System	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Public Safety	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Streets	\$ 2,667,200	\$ 2,676,700	\$ 2,600,000	\$ 2,702,700	\$ 2,716,300	\$ 2,730,400	\$ 16,103,300
Storm Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Golf Course	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewer Utility	\$ 1,075,000	\$ 1,010,000	\$ 900,000	\$ 1,012,200	\$ 1,380,000	\$ 1,114,900	\$ 6,472,100
Sni-A-Bar	\$ -	\$ -	\$ -	\$ -	\$ 2,900,000	\$ -	\$ 2,900,000
Water Utility	\$ 601,720	\$ 654,981	\$ 730,781	\$ 746,561	\$ 782,428	\$ 604,748	\$ 4,932,242
Central Garage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL ALL FUNDS	\$ 4,872,923	\$ 4,652,681	\$ 4,439,381	\$ 4,572,481	\$ 7,467,728	\$ 5,007,040	\$ 31,012,234

Figure 3: Proposed CIP Allocation by Program Funded for FY 2015-16

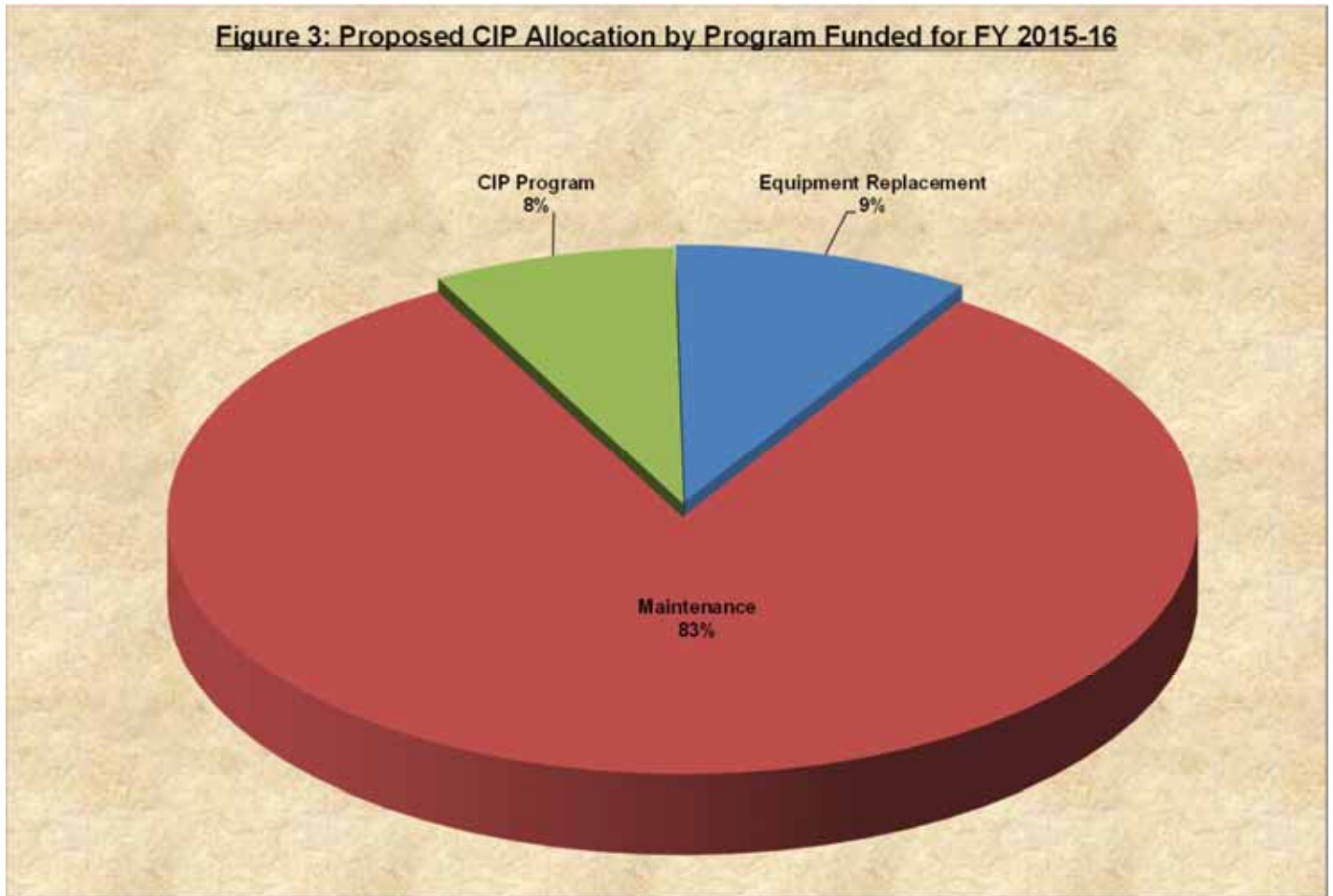


Figure 4: Proposed CIP Allocations by Program Funded for FY 2015-16 to 2020-21

Maintenance Program	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Total
Equipment Replacement	\$ 452,200	\$ 480,700	\$ 161,400	\$ 278,900	\$ 531,300	\$ 403,600	\$ 2,317,720
Maintenance	\$ 4,050,723	\$ 4,065,961	\$ 4,202,961	\$ 4,218,961	\$ 6,061,426	\$ 4,380,426	\$ 27,601,522
CIP Program	\$ 370,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 222,992	\$ 692,992
GRAND TOTAL ALL FUNDS	\$ 4,872,923	\$ 4,652,681	\$ 4,439,381	\$ 4,572,481	\$ 7,467,728	\$ 5,007,040	\$ 31,012,234

Figure 5: Proposed CIP Allocation by Program Unfunded for FY 2015-16

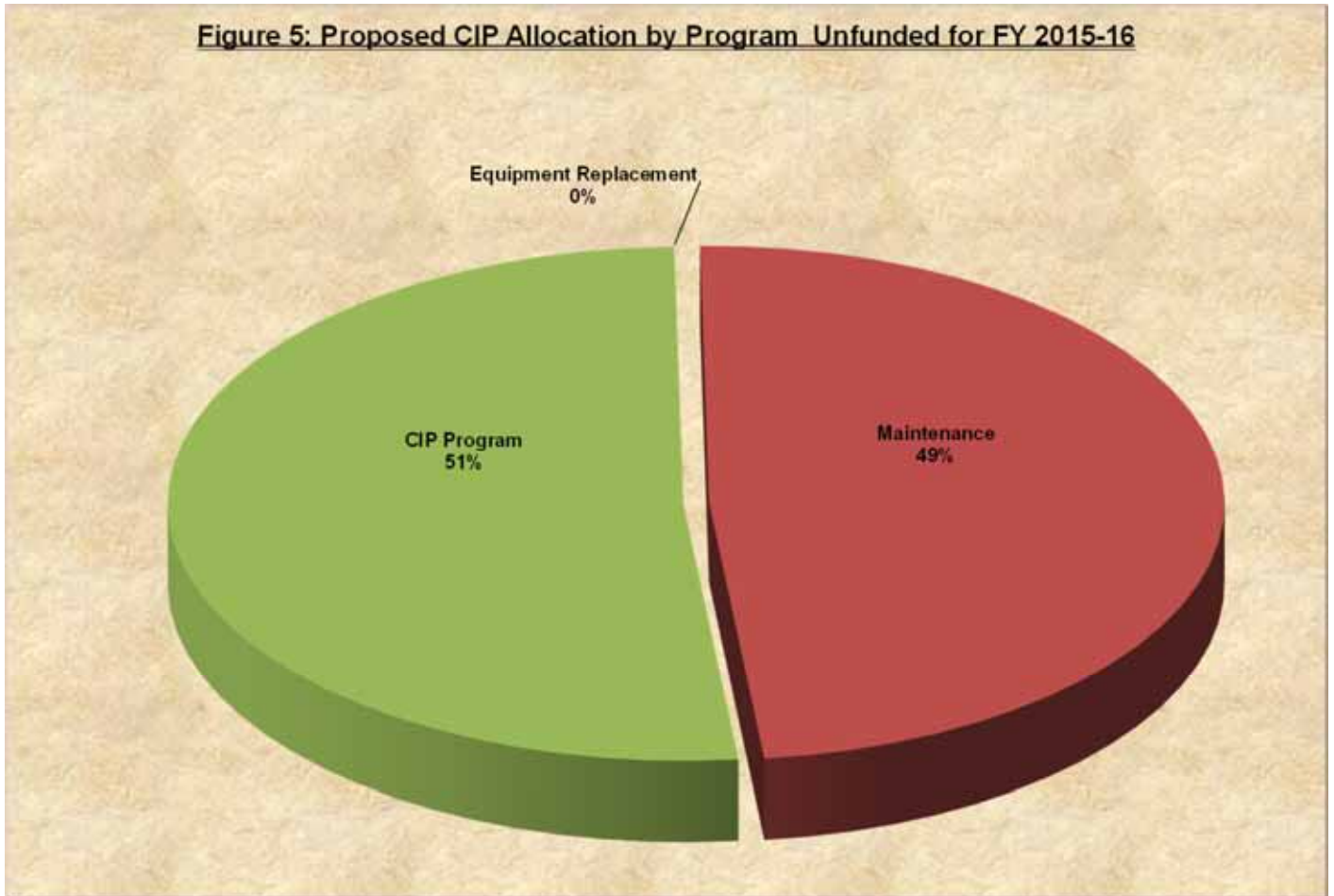


Figure 6: Proposed CIP Allocations by Program Unfunded for FY 2015-16 to 2020-21

Maintenance Program	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Future Years	Total
Equipment Replacement	\$ -	\$ 65,000	\$ 318,398	\$ 580,000	\$ -	\$ -	\$ 628,000	\$ 1,581,398
Maintenance	\$ 425,000	\$ 75,000	\$ 75,000	\$ 175,000	\$ 2,475,000	\$ 75,000	\$19,610,525	\$ 22,810,525
CIP Program	\$ 450,000	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$48,840,000	\$ 50,340,000
GRAND TOTAL ALL FUNDS	\$ 875,000	\$ 135,000	\$ 644,398	\$ 735,000	\$ 2,475,000	\$ 75,000	\$69,785,530	\$ 74,724,928

CIP Development Process

As previously mentioned, this year's CIP attempts to better define our projects by categorizing them into three critical groups; Maintenance, Equipment Replacement, and Capital Improvements. A well-developed program should propose a balanced mix of each type of project in accordance with performance targets, demand (existing and projected), clearly established criteria, and community priorities. However, available resources significantly impairs the City's ability to maintain this balance and is reflected in the projects recommended.

Development of the CIP is an evaluation process where clear criteria and objectives are applied to determine which projects should qualify for funding. The selection of criteria itself is a policy-making process, and the selected projects should reflect community needs, goals and objectives identified in the Comprehensive Plan along with other planning documents. The success of the entire process relies on clear, mutually agreed objectives, communication, cooperation, and coordination.

Capital Improvement Project Defined

In developing a CIP, it is important to distinguish between operating and capital expenses. Generally, these items are defined based on their cost and frequency of occurrence. Operating items are those that represent on-going operating expenses, such as maintenance, outside of one-time capital expenditures. Presented below are the definitions developed specifically for the City of Blue Springs for capital expenses that should be included in the CIP budget:

1. Any acquisition of land for public use.
2. Any construction of a new public facility (e.g., a public building, a public street, water and sewer lines, parks, play field, or the like) or an addition to, or extension of, such a facility.
3. A nonrecurring rehabilitation or replacement of existing public facilities, or major repair of all or a part of a public facility, provided that the cost is \$50,000 or more.
4. Purchase of major equipment of \$50,000 or more (either one item or a number of items with a cumulative one time purchase of \$50,000 or over) and a useful life of 5 years or more.
5. Planning, feasibility, engineering, or design studies and services immediately related to an individual capital improvement project.

Bike racks in Municipal Parking Lot



Evaluation Criteria

A clear set of criteria has been established and is applied in the formulation of the CIP. These criteria reflect community values, priorities, and needs; it is reasonable to expect these to evolve and change over time. It is important to note that the criteria, as listed in Figure 7, are weighted as to level of importance—fiscally and developmentally. Each new or revised project was evaluated by staff and the CIP Review Committee in accordance with these criteria. When applying these criteria, projects related to maintenance, operational efficiency, and equipment replacement compared favorably to all projects submitted for consideration as part of the CIP.

Figure 7: Evaluation Criteria for CIP Projects

<p>Urgency of Need</p>	<ul style="list-style-type: none"> • Risk to Public Safety or Health • Protection of Property • Deteriorated Facility • Maintenance Cost Effectiveness • Backlog of Deferred Maintenance
<p>Relationship with Other Established Priorities</p>	<ul style="list-style-type: none"> • Coordination with Other Projects • Completes/Continues Existing Project • Priority of City Council/Community Group/Citizen Survey • Established Goals and Objectives of the Comprehensive Plan
<p>Fiscal Impact</p>	<ul style="list-style-type: none"> • Impact on Operating Budget • Impact on Operating Efficiency • Economic Development/Jobs Impact • Funding Sources
<p>Quality of Life Impact</p>	<ul style="list-style-type: none"> • Recreational and/or Community Amenity Opportunity • Protection and Conservation of Resources • Aesthetic/Design Impact on Community • Blight Removal

Plan Review and Adoption

Each year, a Review Committee is convened to review all proposed *Funded* and *Unfunded* CIP projects. The committee consists of two representatives of the Planning Commission, one Councilman from each Council District, a member of the Parks Commission, plus city staff, including City Administration, Finance, Community Development, Public Works, Parks and Recreation, and Police. The committee is responsible for reviewing the projects in the context of the evaluation criteria noted on the previous page.

The proposed CIP is submitted to the Planning Commission for review and comment to assist in achieving the validity of the plan. The Planning Commission is requested to review and comment on the proposed CIP from an overall planning perspective and its conformance to the Comprehensive Plan. The Planning Commission does not make policy decisions. The preliminary draft of the CIP is then submitted to the City Council for a public hearing and is officially adopted by the City Council after all necessary adjustments have been made. Usually, the first year of the adopted CIP is incorporated into the annual budget adopted each year in mid-September by the City Council and made effective October 1. It should be noted that although the process accounts for the evaluation of projects against established criteria, available funds, Planning Commission review, and public comment, the City Council can, as they deem necessary and appropriate through the adoption process, change any recommended project or reallocate projects to achieve the goals of the City Council.

The adopted CIP represents an annual plan of projects anticipated to be funded and executed in a given year. However, in the event that priorities change between adoption of the CIP and the annual budget, the CIP can be amended by the Council to reflect these changes.

Usually, the first year plan of the adopted CIP is incorporated into the Annual Budget

Wood Chapel Road Improvements



Capital Priorities and Strategic Areas

Typically, a Capital Improvements Program categorizes and presents proposed projects by type, such as Parks and Recreation, Streets, Major Equipment, Water, and Sewer. While this is critical in understanding where public funds are being allocated, it is also important to connect the CIP and individual projects to guiding community and organizational plans and documents (e.g. City Charter, the 2009 and 2014 updated Comprehensive Plans, "Renew the Blue – Reaching Higher," and trends and priorities identified in the Direction Finder citizen surveys, etc.)

Each of the priority areas for 2015-16 to 2020-21 are described on pages 16 and 17. The listing does not attempt to set priorities among the areas, but recognizes that investments will be made in each of these areas over the next six years as funding becomes available. Capital investments will continue to be made in other areas, but the major focus will be on these four areas.

Comprehensive Plan

Adopted by the Planning Commission in February 2003, and updated in 2009 and 2014, the Comprehensive Plan presents strategies and recommendations for future and existing development throughout the City and beyond. The plan was prepared in order to meet several local planning objectives, including delineating citywide, long-range planning goals and strategies.

Priority Areas

The recommended Capital Improvements Program focuses on three priority areas for Fiscal Years 2015-16 to 2020-21:

- ◆ *Maintenance/Rehabilitation of existing streets and facilities*
- ◆ *Maintenance of sanitary sewer and water utilities*
- ◆ *Parks System*
- ◆ *Public area maintenance and rehabilitation*

The Comprehensive Plan specifies the growth and development goals and objectives for the City and the CIP is an important tool that assists in implementing those goals and objectives. Examples of projects proposed in the CIP for the 2015-16 Fiscal Year include Downtown Revitalization (CD-03), Parks and Open Space Comprehensive Master plan (PR-49),

and Concrete Repair and Maintenance (ST-44).

Area Plan

In 2004, the City developed a future land use plan for the City's growth areas. The Area Plan provides principles and policies to guide the City in its future growth. The CIP directly addresses many of these policies, especially those related to transportation enhancement, natural resources utilization, and provision of public services. In 2009 the Future Land Use Map portion of the Area Plan document was added to the Comprehensive Plan document. Projects in support of the Area Plan are *Unfunded* due to existing resource constraints.

1998 Strategic Planning - Out of the Blue

In 1998 the city endeavored in a strategic planning process, which resulted in the "Out of the Blue, Into the Future" plan. Over a nine-month period, this plan engaged a diverse group of approximately 80 community residents who came together to develop a shared vision for Blue Springs. The final plan focused on a wide range of community issues and concerns, which were identified for action over a 20 year period.

Accomplishments completed or currently underway as a result of Out of the Blue include:

- ⇒The development of a Park at Lake Remembrance and Gregory O. Grounds Park
- ⇒Better communication between the City and citizens through enhancements to Channel 7
- ⇒Completion of the Adams Dairy Parkway
- ⇒Task Force and adoption of new form-based planning code and incentive policy

Capital Priorities and Strategic Areas (Continued)

- ⇒ Increased focus on redeveloping Downtown
- ⇒ Expansion of City borders and growth in the south
- ⇒ Redevelopment of the Highway 7 Corridor
- ⇒ Redevelopment of the Woods Chapel Corridor

2006 Strategic Planning - Out of the Blue, Into the Future

In the spring of 2006, the City undertook its most recent strategic planning process. A committee of Blue Springs leaders, representing a cross-section of our City, was formed to plan and coordinate a new community-wide vision. This process strived to build upon the success of Out of the Blue, Into the Future, the community's first visioning effort, and sought to engage residents and stakeholders from throughout our community in developing a long-range plan of success for Blue Springs. This initiative, named "Renew the Blue – Reaching Higher" provided an opportunity for residents and stakeholders of Blue Springs to actively engage City leaders and to help the community map out a plan of success for the next decade and beyond. Numerous community-visioning meetings occurred involving over 80 to 100 stakeholders. Following that process, the City Council adopted the plan. There are five (5) Key Performance Areas (KPA's) identified in the plan. They are Economic Development, Education, Government, Planning and Redevelopment, and Quality of Life. Issues such as street condition and its impact on Economic Development, Planning and Redevelopment, and Quality of Life have been taken into account in the recommended CIP. However, the main intent of the Out of the Blue and Renew the Blue process was to look into the future of Blue Springs.

Priority Areas

1. Rehabilitation of Existing Streets

This year's CIP continues to place an emphasis on maintenance of the City's existing transportation network. The City Council and staff have spent considerable time evaluating how best to respond to the growing need for street and sidewalk maintenance with existing revenues. Approximately 8 years ago the City implemented a street rehabilitation program and funded the program with \$2.5 million dollars annually. In 2011-12 fiscal year, the City Council redirected \$200,000 dollars from the Street Rehabilitation Program to a Sidewalk Repair and Rehabilitation Program. City staff proposes to continue to fund ST-06, Street Rehabilitation Program, at \$2.3 million level (annually) and proposes a strategic increase in funding for ST-44, Concrete Repair and Maintenance Program (formerly known as the Sidewalk Repair and Maintenance program) to drive efficiency and increase the amount of concrete repaired by over 250% annually. The proposed CIP maintains the funding throughout the six year plan period for street rehabilitation and sidewalk maintenance by proposing \$13.8 million and \$2.0 million respectively. While the funding does not provide a solution to address the entire need, it demonstrates a long-term financial commitment on the part of the City to address street/sidewalk rehabilitation long term. Projects related to priority one include the Street Rehabilitation Program (ST-06), Street Difference (ST-27), and Concrete Repair and Maintenance Program (ST-44).

- Consistent with the following Adopted Goals & Policies:**
- 2003, 2009, and 2014 Comprehensive Plan
 - Area Plan
 - Parks & Recreation Strategic Plan
 - Renew the Blue - Reaching Higher

Priority Areas (Continued)

2. Sanitary Sewer and Water System Maintenance

Improvements to the sanitary sewer and water systems will result in added reliability, efficiency, and safety for utility customers. Investments are funded through water and sewer user fees. The primary projects for sanitary sewer includes Sludge Removal (SAN-01), Citywide Maintenance of the Sanitary Sewer System (SAN-07), Tyer Road Sanitary Sewer Phase I and II (SAN-15 and 18 respectively), Equipment Replacement (SAN 10, 16, and 17). Projects related to the City's water system include Watermain Maintenance (WA-12), Water Tank Maintenance Contract (WA-14), and Equipment Replacement (WA-3, 4, and 16).

3. Parks System

Staff is proposing to fund a previously unfunded project in the 2015-16 to 2020-21 CIP, the Parks and Open Space Comprehensive Master Plan (PR-49). It is the only project proposed for this priority area. This plan will provide a 10-year vision for parks, recreation, open space and trails, as well as an action plan for implementing this vision. The plan will include research, public involvement, and the development of recommendations for all aspects of the Blue Springs Park system, including the park system mission and goals as well as provide a community demand, supply and needs analysis.

4. Public Area Maintenance and Rehabilitation

Maintenance of public areas and other City facilities require ongoing maintenance, upgrading and/or replacement of physical plant assets that have reached the end of their useful life. The CIP plays an important role enabling to plan when facilities need maintenance and forecast for available funding. As a result of resource constraints, the CIP for Fiscal Years 2015-16 to 2020-21 does not include any *Funded* public area maintenance and rehabilitation projects.

Consistent with the following Adopted Goals & Policies:

- 2003, 2009 and 2014 Comprehensive Plan
- 2004 Area Plan
- Parks & Recreation Strategic Plan
- Adams Dairy Parkway Plan
- Renew the Blue - Reaching Higher

Engineering problems are under-defined, there are many solutions, good, bad and indifferent. The art is to arrive at a good solution. This is a creative activity, involving imagination, intuition and deliberate choice.



Roundabout at Woods Chapel Road and Walnut Street

Debt Management

The City of Blue Springs has a responsibility to its citizens to be good stewards of scarce public resources and exercise prudent fiscal judgment that is rooted in sound financial planning and execution. Capital improvements must be structured by ability to pay in order to maintain fiscal stability.

Like all municipalities, Blue Springs relies on a variety of resources to finance capital projects, such as locally generated revenues (sales and property taxes, fees, and user charges), intergovernmental revenues, grants, and debt issuance. Unlike pay-as-you-go sources of funding, the issuance of debt requires an ongoing revenue stream from which to repay the principal and interest on the debt.

These traditional funding sources will continue to provide the majority of the resources for the CIP. Alternative funding and revenue sources will be needed to augment existing funds in order to meet the City's deferred maintenance needs. The City's level of capital investment is based on the mix and level of the financial resources available to the City. It is critical for the City to actively seek opportunities to broaden the tax base and increase assessed valuation, such as through new revenue-producing development to increase funding necessary to complete the public improvements desired by the community and to continue to successfully leverage grant opportunities.

*Capital
Improvements
must be structured
by ability to pay
in order to
maintain fiscal
stability*

Baumgardener
Park



Funding Sources/Strategies

All funding sources that finance CIP projects over the planning period must be identified before a funding schedule is drafted. The Finance Department is responsible for forecasting available resources for the projects proposed in the CIP after all the deductions have been made for other types of service areas. Figure 8 summarizes the types of funds that have been identified by the Finance Department and the types of capital improvement projects to which they are tied.

It is important to note that, except for the General Fund, most fund types are limited to financing specific types of projects. Figure 8 illustrates this relationship between fund source and project type. Once the funding sources have been identified, the CIP projects that have been selected are scheduled based upon priority and availability of funds.

The accounting and reporting policies of the City conform to generally accepted accounting principles applicable to local governments. The City prepares monthly financial reports. These include the **Balance Sheet, Statement of Revenues and Expenditures (Expenses) or Income Statement, Revenue Report, and Expenditure (Expense) Report.** The Balance Sheet measures remaining balances at the end of a particular period, whether they are assets, liabilities, or equity. Income Statements or Statements of Revenues and Expenditures measure the volume of inflow and outflow as earned and consumed. The Revenues and Expense Reports are summarized listings by account number and group.

The accounts of the City are organized on the basis of funds and account groups, each of which is considered to be a separate accounting entity.

New Sidewalk,
Burris Old Mill Park

Figure 8: Types of Funds / Types of Project

<i>TYPE OF FUND</i>	<i>TYPE OF PROJECT</i>
<i>GENERAL FUND</i>	<i>Major equipment Streets Parks Buildings Storm Sewer</i>
<i>TRANSPORTATION SALES TAX</i>	<i>Major Street Equipment Street Improvements</i>
<i>PUBLIC SAFETY SALES TAX</i>	<i>Improvements to aid in overall public safety</i>
<i>WATER UTILITY FUND</i>	<i>Major Water Equipment Water Lines Additional Capacity Improvements</i>
<i>SEWER UTILITY FUND</i>	<i>Major Sewer Equipment Sanitary Sewer Improvements</i>
<i>GENERAL OBLIGATION BONDS</i>	<i>Woods Chapel Road Projects Determined by Resolution</i>
<i>REVENUE BONDS</i>	<i>Specific Designated Public Projects</i>



Funding Sources & Strategies (Continued)

General Fund The General Fund is the general operating fund of the City. It is used to account for all financial resources (assets, liabilities, revenues, and expenditures) except those required to be accounted for in another fund. The General Fund includes expenses attributed to governmental operations such as personnel and routine operating costs generally associated with Administration, Planning, Public Safety, Public Works/Engineering, Street Maintenance, and Parks and Recreation.

Debt Service Funds: Debt Service Funds are used to account for the accumulation of resources for, and the payment of, principal, interest and other related costs of the City's bonds, other than bonds payable from the operations of the Proprietary Fund Types.

Capital Project Funds: Capital Project Funds are used to account for financial resources segregated for the acquisition or construction of major capital facilities other than those financed by enterprise operations.

Enterprise Funds: Enterprise funds are used to account for operations that provide a service to citizens financed primarily by a user charge for the provision of that service, and activities where the periodic measurement of net income is deemed appropriate for capital maintenance, public policy, management control, accountability or other purposes. The City's Enterprise Funds include the Water Utility Fund, Sewer Utility Fund, and the Golf Course Fund.

Internal Service Fund: An Internal Service Fund accounts for the financing of goods or services provided by one department or agency to other departments or agencies of the City, or to other governmental units, on a cost reimbursement basis. The City's Central Garage Fund is used to account for all the expenses relating to motor vehicles, including replacement and routine maintenance and repairs.

Account Groups: The General Fixed Assets Account Group is established to account for all fixed assets of the City, other than those accounted for in the Proprietary Fund Types. The General Long-term Debt Account Group is established to account for all long-term debt of the City except that debt which is accounted for in the Proprietary Fund Types.

General Policies for Long Term Debt

- ⇒ Long-term borrowing will be confined to construction of capital improvements and acquisition of capital equipment too large to be financed from current revenues.
- ⇒ Proceeds from long-term debt should only be used for construction project costs, acquisition of other fixed assets, bond issue costs, debt service reserve requirements, and refunding of outstanding bond issues and will not be used for current, ongoing operations.
- ⇒ Debt will be extinguished within a period not to exceed the expected useful life of the capital project or equipment.
- ⇒ The City should actively monitor its investment practices to ensure maximum returns on its invested bond funds while complying with Federal arbitrage guidelines.
- ⇒ The Finance Department should continually monitor outstanding debt issues to verify compliance with debt covenants.

Types Of Debt

The City of Blue Springs is authorized to issue General Obligation Bonds, Revenue Bonds, and annual appropriation of debt for Leasehold Revenue Bonds and Lease-Purchase Certificates of Participation.

General Obligation Bonds: The City is authorized to issue General Obligation Bonds payable from ad valorem taxes to finance capital improvements and equipment upon a two-thirds majority vote, and on general election dates by a four-sevenths majority vote of the qualified voters. The Missouri State Constitution permits the City to incur general obligation indebtedness for City purposes not to exceed 10 percent of the assessed valuation of taxable tangible property; to incur general obligation indebtedness not to exceed an additional 10 percent for acquiring rights of way; to construct and improve streets, sanitary sewers, and storm sewers; and to purchase or construct waterworks plants.

General obligation, property tax-supported bonding should be used to finance only those capital improvements and long-term assets which have been determined to be essential to the maintenance or development of the City.

The City should maintain a General Obligation Debt Service Fund balance that is at least 50 percent of the average annual debt service.

Revenue Bonds: The City is also authorized to issue Revenue Bonds to finance capital improvements for its water and sewer system. These types of Revenue Bonds require a simple majority vote.

Revenue Bonds do not carry the full faith and credit of the City in servicing bond indebtedness, and such bonds are not considered in determining the legal debt margin resulting from the 20 percent limitation described above. However, if any taxes are pledged or dedicated to the payment of revenue bonds (e.g., sales taxes, property taxes, etc.) the bonds must be voted as general obligation bonds, the debt limit must be observed, and all bonds must be paid off within 20 years.

Revenue supported bonds should be used to limit potential dependence on property taxes for those projects with available revenue sources, whether self-generated or dedicated from other sources.

Adequate financial feasibility studies should be performed for each project to provide assurances as to the self-liquidating nature of the project or adequacy of dedicated revenue sources.

Certificates of Participation : Certificates of Participation (COPs) are tax exempt bonds issued by State entities usually secured with revenue from an equipment or facility lease. COPs enable governmental entities to finance capital projects without technically issuing long term debt.

In determining the type of bond to issue, the following factors should be considered:

1. The direct and indirect beneficiaries of the project. A significantly large proportion of citizens should benefit from projects financed from general obligation bonds.
2. The time pattern of the stream of benefits generated by the project.
3. The revenues that may be raised by alternative types of user charges.
4. The cost-effectiveness of user charges.
5. The effect of the proposed bond issue on the City's ability to finance future projects of equal or high priority.
6. The true interest cost of each type of bond.
7. The impact on the City's financial condition and credit ratings.

Alternative Funding Sources

Special Grants from Federal or State Programs: Occasionally, special grants are available from the federal or state government in support of local development and improvement efforts. The City will continue to be aware of these grants to leverage resources to their fullest extent; unfortunately, such resources have declined significantly in recent years.

Federal Community Development Block Grant (CDBG): The City currently is approximately 53,573 in population and therefore eligible for CDBG funding as an entitlement community. The City was awarded \$228,360 dollars in 2014. These funds must be programmed for low to moderate income areas within the City. These funds have historically been directed towards downtown improvements such as new street lights, sidewalks, and various other street improvements. Program elements also include dedicating a portion of these funds to the Minor Home Repair Program (\$60,000), First Time Homebuyers Program (\$39,000), and community organizations such as Downtown Alive leaving a balance of \$109,000 to potentially be programmed in the CIP.

Tax Increment Financing (TIF): Establishment of a district within which additional sales taxes generated by any new development can be used to finance necessary infrastructure improvements.

Special Districts: Establishment of special districts can provide the City with a means of separately financing and implementing improvements within a limited geographic area to meet the need for new or improved public facilities, especially in a developing part of the City.

User Charges: There may be cases where a user fee can be implemented to pay for the improvement of facilities.

Impact Fees: New developments that are expected to generate needs for new or expanded public facilities are required to pay an impact fee for the development or improvement of facilities. This will partially offset the costs associated with increased service level demands in growth areas.

*Rain garden at
Central Park—
SW 10th and
Walnut Streets*



Impact on Operating Budget

The City's operating budget provides for general service delivery including personnel costs, supplies, and services. Revenues are primarily derived from recurring taxes, charges for services, investments, and intergovernmental sources. All projected operating and maintenance costs related to capital projects are included in the operating budget. When new, enhanced, or expanded service levels are authorized in the operating budget, additional capital projects are sometimes required. Also, since part of the capital budget is funded by current revenues in the operating budget, operating budget decisions have capacity implications on the capital budget and the City's overall financial position.

The continued development in the southern quadrant of the City (Chapman Farms, Chapman Woods, Chapman Ridge, Parkway Estates, and Eagles Ridge), has resulted in a multitude of new streets that either have been, or will be constructed. The construction of new streets normally increases the City's service costs for items such as snow removal, street sweeping, street striping, repairs, and street lighting.

The City's storm water collection system continues to deteriorate with respect to repairs handled on a reactionary basis. There is no capacity within the operating budget or CIP for proactive or preventive maintenance programming or significant reconstruction projects.

The Parks and Recreational facility improvements are either CIP or maintenance oriented and are not funded in the operations budget. The City is proposing to fund the Parks and Open Space Comprehensive Master Plan (PR-49) in the 2015-16 fiscal year. While the plan will not require operating budget resources other than staff time, implementation of any recommendations may ultimately have operating budget implications.

Water and sanitary sewer construction and extension normally will not have any significant impact on the operating budget throughout the life of the mains. With the 2015-16 to 2020-21 CIP budget these projects are improvements/maintenance to existing facilities and or operational improvements with equipment and metering and will not result in negative impacts to the operating budget. The Public Works Department has identified numerous areas requiring upgrades or replacements throughout both the water and sanitary sewer systems, all of which should add to the expected efficiency of the system throughout. As identified with streets projects noted above, considerable development is occurring in the southern sector of the City and, with that development, comes sanitary sewer improvements that will eventually need to be maintained. The majority of the water system in the south area is provided by Water District 13 so the City will not be responsible for future maintenance.

To facilitate the evaluation of the proposed CIP projects preliminary estimates relative to the impact of capital projects on the General Fund and restricted funds have been developed. The estimated costs are provided by each department and are shown in Figure 9.

Figure 9: Estimated Impact on the Operating Budget

Improvement Type	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	TOTAL
Building & Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Community Development	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Information Technology	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,787	\$ 31,787
Parks System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Safety	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Streets	\$ 7,721	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,721
Storm Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Golf Course	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sanitary Sewer Utility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sri-A-Bar	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Utility	\$ 3,800	\$ 3,800	\$ 4,000	\$ 4,000	\$ 4,200	\$ 4,400	\$ 24,200

Summary of CIP

The City carefully evaluates its revenue and spending, and forecasts future revenue trends on an annual basis. Capital improvement programming would not be possible without these projections. Figure 10 presents a summary of the projected available CIP funds for the plan period by fund types.

The projected available funds for capital improvement projects are based on the total forecasted revenue of each type minus what needs to be set aside for the annual operating budget, capital outlay, and existing debt service support.

Each year, the CIP process begins with a list of needs, which is then compared to the projected available funding sources to determine which capital improvements can be accomplished in the coming fiscal year. Figure 11 (next page) is a summary of the capital improvement projects recommended to be included in the FY 2015-16 through 2020-21 CIP.

Only projects recommended for inclusion in Fiscal Year 2015-16 CIP are incorporated into the operating budget for the upcoming fiscal year. Projects recommended to be included in the remaining years will continue to be evaluated during the annual CIP process.

Figure 10: Projected Available CIP Funds by Type

Fiscal Year	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	TOTAL
General Fund	\$ 412,200	\$ 303,700	\$ 315,000	\$ 327,700	\$ 341,300	\$ 503,392	\$ 2,203,692
Public Safety Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transportation Fund	\$ 2,375,000	\$ 2,375,000	\$ 2,375,000	\$ 2,375,000	\$ 2,375,000	\$ 2,375,000	\$ 14,250,000
Water Fund	\$ 901,723	\$ 854,961	\$ 739,781	\$ 748,581	\$ 782,428	\$ 904,748	\$ 4,932,242
Sewer Fund	\$ 1,075,000	\$ 1,010,000	\$ 900,000	\$ 1,012,200	\$ 3,860,000	\$ 1,114,900	\$ 8,972,100
Bonds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Golf Course Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 654,000
ANNUAL TOTAL	\$4,872,923	\$4,652,681	\$4,439,381	\$4,572,481	\$7,467,728	\$5,007,040	\$31,012,234

*Tennis Courts—
Baumgardener
Park*



Figure 11: Summary of Recommended Capital Improvement Program (Funded)

Project Name and Number	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	TOTAL
Building & Facilities Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CD-03 Downtown Revitalization	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 654,000
Community Development Subtotal	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 109,000	\$ 654,000
IT-01 Document Archival, Retention and Retrieval	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,992	\$ 147,992
Information Technology	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,992	\$ 147,992
PR-40 Parks and Open Space Comprehensive Master Plan	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Parks System Subtotal	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Public Safety Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ST-08 Street Rehabilitation Program	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 13,800,000
ST-21 Snow Plow/ Dump Truck	\$ 182,200	\$ 188,700	\$ 191,400	\$ 188,300	\$ 171,300	\$ 178,400	\$ 984,300
ST-27 Street Closures	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 450,000
ST-44 Concrete Repair and Maintenance	\$ 140,000	\$ 147,000	\$ 154,200	\$ 161,400	\$ 170,000	\$ 178,000	\$ 931,600
Streets Subtotal	\$ 2,667,200	\$ 2,678,700	\$ 2,690,600	\$ 2,702,700	\$ 2,716,300	\$ 2,730,400	\$ 16,185,900
Total CIP Fund	\$ 2,896,200	\$ 2,787,700	\$ 2,799,600	\$ 2,811,700	\$ 2,825,300	\$ 2,987,392	\$ 17,107,892
Other Funds							
SAN-07 Cylinders Maintenance	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 1,080,000	\$ 1,000,000	\$ 6,800,000
SAN-05 Combustion Flashing Vacuum Truck	\$ -	\$ -	\$ -	\$ -	\$ 380,000	\$ -	\$ 380,000
SAN-05 Tyeer Road Sanitary Sewer Phase I	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
SAN-06 Rubber Tired Solid Steer	\$ -	\$ 51,000	\$ -	\$ 52,000	\$ -	\$ 53,000	\$ 156,000
SAN-07 12,000 lb Hydraulic Excavator	\$ -	\$ 88,000	\$ -	\$ 80,200	\$ -	\$ 81,400	\$ 169,600
SAN-08 Tyeer Road Sanitary Sewer Phase I Design	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000
Sanitary Sewer Utility Subtotal	\$ 1,075,000	\$ 1,010,000	\$ 900,000	\$ 1,012,200	\$ 1,360,000	\$ 1,114,900	\$ 6,472,100
SWS-01 Sludge Removal	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 2,500,000
Sni-A-Bar Subtotal	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 2,500,000
ST-44 Concrete Repair and Maintenance	\$ 190,000	\$ 195,000	\$ 175,000	\$ 185,000	\$ 195,000	\$ 205,000	\$ 1,080,000
WA-03 Runner To Front End Loader	\$ -	\$ 120,000	\$ -	\$ -	\$ -	\$ -	\$ 120,000
WA-04 60,000 lb class Hydraulic Excavator	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ 112,320	\$ 216,320
WA-12 Miscellaneous Watermain Maintenance	\$ 300,000	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,200,000
WA-14 Water Tank Maintenance Contract	\$ 141,728	\$ 182,881	\$ 182,881	\$ 182,881	\$ 167,428	\$ 167,428	\$ 1,006,822
WA-16 Water SCADA System Upgrades	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
Water Utility Subtotal	\$ 901,728	\$ 854,981	\$ 739,781	\$ 748,581	\$ 782,428	\$ 904,748	\$ 4,932,242
Total Other Funds	\$ 1,976,723	\$ 1,864,981	\$ 1,639,781	\$ 1,760,781	\$ 4,642,428	\$ 2,019,648	\$ 13,904,342
GRAND TOTAL ALL FUNDS	\$ 4,872,923	\$ 4,652,681	\$ 4,439,381	\$ 4,572,481	\$ 7,467,728	\$ 5,007,040	\$ 31,012,234

Figure 12: Summary of Capital Improvement Projects By Program
Funded and Unfunded
FY 2015-16 to 2020-21

Project	Maintenance Program With Description of Project	Funded or Unfunded	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Future Years	Funding Source
Equipment Replacement										
Infrastructure Transportation										
IT-03	Liquids Mill Screen (2000 to 20000)	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	General Fund
IT-04	Excavator-4000 model	Unfunded	\$ -	\$ -	\$ 190,300	\$ -	\$ -	\$ -	\$ -	General Fund
Public Works										
PW-01	Public Works Asset Management System	Unfunded	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ -	General Fund
		Unfunded	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ -	\$ -	Water Utility Fund
		Unfunded	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	Water Utility Fund
Streets										
ST-20	Asphalt Repair Trucks (Pneum Truck)	Unfunded	\$ -	\$ -	\$ 190,000	\$ -	\$ -	\$ -	\$ 190,000	General Fund
ST-24	Scrap Piler / Dump Truck	Funded	\$ 753,200	\$ 188,700	\$ 181,400	\$ 180,200	\$ 171,300	\$ 178,400	\$ -	General Fund
ST-25	Street Sweeper (Replacement for current sweepers)	Unfunded	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	General Fund
ST-26	1.5 Ton Dump/Boxer Truck	Unfunded	\$ -	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ 141,000	General Fund
ST-46	Street Department Edge Truck	Unfunded	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 700,000	General Fund
Street										
SW-16	Compaction Paving Wheel Tractor	Funded	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	Water Utility Fund
SW-16	Roller Tread Soil Shaper	Funded	\$ -	\$ 61,000	\$ -	\$ 60,000	\$ -	\$ 60,000	\$ -	Water Utility Fund
SW-17	12,000 lb Hydraulic Excavator	Funded	\$ -	\$ 60,000	\$ -	\$ 60,200	\$ -	\$ 61,400	\$ -	Water Utility Fund
Water										
WA-03	Roller Tire Front End Loader	Funded	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	Water Utility Fund
WA-04	9,000 lb class Hydraulic Excavator	Funded	\$ -	\$ 104,000	\$ -	\$ -	\$ -	\$ 104,320	\$ -	Water Utility Fund
WA-05	Water & Gas System Inspection	Funded	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Water Utility Fund
Equipment Replacement Totals			\$ 452,200	\$ 650,700	\$ 480,798	\$ 838,500	\$ 651,300	\$ 403,620	\$ 626,000	\$ 3,883,118

Figure 12: Summary of Capital Improvement Projects By Program (Con't.)
 Funded and Unfunded
 FY 2015-16 to 2020-21

Project	Maintenance Program With Description of Project	Funded or Unfunded	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Future Years	Funding Source
Maintenance										
	Chemical Remediation									
CD-01	2173 Comprehensive Plus Update	Unfunded	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	General Fund
CD-03	Downtown Rehabilitation	Funded	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	CD030 Short Funds
	Geoff Daniels									
GC-06	Adams Public Caf. Park Replacement & Repairs	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ -	\$ -	Geoff Daniels Fund
GC-07	Adams Public Golf Course Repairs to Greens	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	Geoff Daniels Fund
	Parks									
PR-05	Rebuilding Wal - Park Hill Park Baseball Fields	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 91,000	General Fund
PR-06	Senior House #3 - Park Hill Park	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 160,000	General Fund
PR-07	Tennis Court Repair - Young Park and Scoutmaster Park	Unfunded	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	General Fund
PR-08	Park Trail and Playground Improvements (see geoff daniels spreadsheet)	Unfunded	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ -	General Fund
PR-09	Adams Dale Parkover Trail Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000	General Fund
PR-10	Beaumont Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 407,000	General Fund
PR-11	Blue Spruce Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,700	General Fund
PR-12	Burns Old Mill Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 617,700	General Fund
PR-13	Central Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	General Fund
PR-14	Denison Road Trail Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,000	General Fund
PR-15	Frontier Green School Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000	General Fund
PR-16	Gearty O. Grounds Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 672,000	General Fund
PR-17	Hobbs Valley School District Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,140,400	General Fund
PR-18	Jensen Walker School Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,070	General Fund
PR-19	Keyser Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	General Fund
PR-20	McLoyed School Board Trail Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,700	General Fund
PR-21	Park Hill Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,697,000	General Fund
PR-22	Rozay Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,417,550	General Fund
PR-23	West Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,200	General Fund
PR-24	West Young Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,700	General Fund
PR-25	Woods Creek Park Deferred Maintenance	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 670,000	General Fund
PR-26	Woods Creek Park Play area Replacement	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	General Fund
PR-27	Yester Hill Road Replacement	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	General Fund

Figure 12: Summary of Capital Improvement Projects By Program (Con't.)
 Funded and Unfunded
 FY 2015-16 to 2020-21

Project	Maintenance Program With Description of Project	Funded or Unfunded	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	Future Years	Funding Source
Maintenance (Cont.)										
Street Infrastructure										
ST-08	Street Rehabilitation Program	Funded	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ -	Transportation Maintenance Fund
ST-11	Traffic Signs Rehabilitation	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000	Transportation Maintenance Fund
ST-13	7 Highway Streetlight	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	General Fund
ST-14	Concrete Repair and Maintenance	Funded	\$ 140,000	\$ 147,000	\$ 184,000	\$ 181,000	\$ 170,000	\$ 170,000	\$ -	General Fund
		Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,000	General Fund
		Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 147,000	Transportation Maintenance Fund
		Funded	\$ 380,000	\$ 380,000	\$ 170,000	\$ 185,000	\$ 160,000	\$ 200,000	\$ -	Wear Utility Fund
		Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 210,000	Wear Utility Fund
Storm Water										
ST11-05	RD Main to Vester Street Storm Sewer	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	General Fund
ST11-06	Storm Water Infrastructure	Unfunded	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	General Fund
Street										
ST-12	Sunnyvale Street Road Box Curb	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	General Fund
SAH-07	Crack Maintenance	Funded	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ -	Street Utility Fund
SH-01	Crack Removal	Funded	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ -	Street Utility Fund
SH-03	UP Station Force Main Trench To New Headwork Bld	Unfunded	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	Street Utility Fund
Water										
WA-12	Mechanical Watermain Maintenance	Funded	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ -	Wear Utility Fund
WA-14	Water Tank Maintenance Contract	Funded	\$ 141,723	\$ 152,051	\$ 150,000	\$ 150,000	\$ 157,428	\$ 157,428	\$ -	Wear Utility Fund
Maintenance Totals										
			\$ 4,475,723	\$ 4,161,981	\$ 4,277,981	\$ 4,393,981	\$ 9,336,428	\$ 4,465,428	\$ 19,519,526	\$ 50,821,047

Appendix A Overview:

Appendix A includes the individual project sheets, which include the following information:

- * Project Title
- * Type of Project
- * Department Requesting the Project
- * Description of the Project
- * Justification for the Project
- * Identification Map
- * Projected Cost Schedule

Project Table of Contents by Maintenance Program
Fiscal Years 2015-16 to 2020-21

Equipment Replacement Funded

Streets

[ST-24 – Snow Plow/Dump Truck](#)

Sanitary Sewer

[SAN-10 – Combination Flushing Vacuum Truck](#)

[SAN-16 – Rubber Tired Skid Steer](#)

[SAN-17 – 12,000lb Hydraulic Excavator](#)

Water Utility

[WA-03 – Rubber Tired Front End Loader](#)

[WA-04 – 18,000lb class Hydraulic Excavator](#)

[WA-16 – Water SCADA System Upgrades](#)

Equipment Replacement Unfunded

Information Technology

[IT-03 – Upgrade MS Govern GEMS to Innoprise](#)

[IT-04 – EnerGove-e-plan review](#)

Public Works

[PW-01 – Public Works Asset Management Software](#)

Streets

[ST-23 – Asphalt Repair Truck](#)

[ST-25 – Street Sweeper](#)

[ST-26 – 1.5 Ton Dump/Snow Truck](#)

[ST-46 – Street Department Sign Truck](#)

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Snow Plow/Dump Truck **Project Number:** ST-24

Project Type: Equipment Replacement **Current Year Project Cost:** \$152,200

Department: Public Works-Streets **Funding Source:** General Fund

Description: Purchase of a new dump truck with integral salt spreader and snow plow equipment.

Justification: These units will be utilized in road maintenance activities and snow removal operations. They will replace frontline units that will be moved into the residential fleet. Units displaced from the residential fleet are sent to auction. The typical length of service for a snowplow/dump truck is 20 years.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$920,780	\$152,200	\$156,700	\$161,400	\$166,300	\$171,300	\$176,400	\$181,700	\$2,086,780
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$920,780	\$152,200	\$156,700	\$161,400	\$166,300	\$171,300	\$176,400	\$181,700	\$2,086,780
Op Expense	\$49,507	\$7,721	\$0	\$0	\$0	\$0	\$0	\$0	\$57,228
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
General Fund	\$920,780	\$152,200	\$156,700	\$161,400	\$166,300	\$171,300	\$176,400	\$181,700	\$2,086,780
Total	\$920,780	\$152,200	\$156,700	\$161,400	\$166,300	\$171,300	\$176,400	\$181,700	\$2,086,780

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Combination Flushing Vacuum Truck **Project Number:** SAN-10

Project Type: Sewer System Equipment Replacement **Current Year Project Cost:** \$0

Department: Public Works – Sewer Maintenance **Funding Source:** Sewer Utility Fund

Description: Purchase of a new sewer cleaning truck to support sewer cleaning activities and provide emergency response for citizens.

Justification: This unit will replace an existing piece of equipment. This unit is critical in our ability to respond to sewer backups and perform annual cleaning of the sewer mains. Performing sewer cleaning operations in-house vs. contracting provides the City with a cost savings of \$40,000 per year for every 350,000 feet of sewer cleaned. This savings alone funds the sewer cleaning operations including the replacement of the equipment every six years.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$300,000	\$0	\$0	\$0	\$0	\$360,000	\$0	\$400,000	\$1,060,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$300,000	\$0	\$0	\$0	\$0	\$360,000	\$0	\$400,000	\$1,060,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Trade In Value	\$0	\$0	\$0	\$0	\$0	\$120,000	\$0	\$0	\$120,000
Sewer Utility Fund	\$300,000	\$0	\$0	\$0	\$0	\$240,000	\$0	\$400,000	\$940,000
Total	\$300,000	\$0	\$0	\$0	\$0	\$360,000	\$0	\$400,000	\$1,060,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Rubber Tired Skid Steer **Project Number:** SAN-16

Project Type: Sewer System Equipment Replacement **Current Year Project Cost:** \$0

Department: Public Works-Sewer Maintenance **Funding Source:** Sewer Utility Fund

Description: Project Number SAN-16 is one of two projects created to replace the existing SAN-11 project and more accurately reflect the request in the Capital Improvements Plan. SAN-11 was a funded project which provided for the replacement of a rubber tired backhoe/loader used in the daily tasks of maintenance and repairs. Beginning in FY07-08 and again in FY12-13 two separate pieces of equipment were requested and approved for purchase in order to provide the Public Works Division more flexibility with their equipment and activities.

Justification: This equipment is vital to the department to handle various construction tasks and after hour's emergency response. Downtime on emergency equipment must be kept to a minimum to ensure timely restoration of customer's services. By replacing this equipment every 2 years the city will maximize the discounted purchase price, reap a higher return on trade-in or resale value, and have a full warranty on the new equipment which will protect the city from catastrophic repair costs.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$100,000	\$0	\$51,000	\$0	\$52,000	\$0	\$53,500	\$0	\$256,500
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$100,000	\$0	\$51,000	\$0	\$52,000	\$0	\$53,500	\$0	\$256,500
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Trade In Amount	\$32,000	\$0	\$32,000	\$0	\$32,000	\$0	\$32,000	\$0	\$128,000
Sewer Utility Fund	\$100,000	\$0	\$51,000	\$0	\$52,000	\$0	\$53,500	\$0	\$256,500
Total	\$100,000	\$0	\$51,000	\$0	\$52,000	\$0	\$53,500	\$0	\$256,500

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: 12,000lb Hydraulic Excavator **Project Number:** SAN-17

Project Type: Sewer System Equipment Replacement **Current Year Project Cost:** \$0

Department: Public Works-Sewer Maintenance **Funding Source:** Sewer Utility Fund

Description: Project Number SAN-17 is one of two projects created to replace the existing SAN-11 project and more accurately reflect the request in the Capital Improvements Plan. SAN-11 was a funded project which provided for the replacement of a rubber tired/backhoe/loader used in the daily tasks of maintenance and repairs. Beginning in FY07-08 and again in FY12-13 two separate pieces of equipment were requested and approved for purchase in order to provide the Public Works Division more flexibility with their equipment and activities.

Justification: This equipment is vital to the department to handle various construction tasks and after hour's emergency response. Downtime on emergency equipment must be kept to a minimum to ensure timely restoration of customer's services. By replacing this equipment every 2 years the city will maximize the discounted purchase price, reap a higher return on trade-in or resale value, and have a full warranty on the new equipment which will protect the city from catastrophic repair costs.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$111,100	\$0	\$59,000	\$0	\$60,200	\$0	\$61,400	\$62,600	\$354,300
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$111,100	\$0	\$59,000	\$0	\$60,200	\$0	\$61,400	\$62,600	\$354,300
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Trade In Amount	\$37,000	\$0	\$37,000	\$0	\$37,000	\$0	\$37,000	\$0	\$148,000
Sewer Utility Fund	\$111,100	\$0	\$59,000	\$0	\$60,200	\$0	\$61,400	\$62,600	\$354,300
Total	\$111,100	\$0	\$59,000	\$0	\$60,200	\$0	\$61,400	\$62,600	\$354,300

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Rubber Tired Front End Loader **Project Number:** WA-03

Project Type: Water System Equipment Replacement **Current Year Project Cost:** \$0

Department: Public Works – Water Maintenance **Funding Source:** Water Utility Fund

Description: Purchase a rubber tired front end loader to replace the existing equipment.

Justification: This piece of equipment is vital to the department to handle various construction tasks and emergency repairs. Downtime must be kept to a minimum to ensure availability when needed. By replacing this equipment every 5 years the City will maximize the initial equity gained from the municipal discounts offered by manufacturers and reap a higher return rate on trade-in or resale value while maintaining a full warranty to protect from catastrophic repairs.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$108,000	\$0	\$120,000	\$0	\$0	\$0	\$0	\$132,000	\$360,000	\$360,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$108,000	\$0	\$120,000	\$0	\$0	\$0	\$0	\$132,000	\$360,000	\$360,000
Op Expense	\$19,093	\$2,700	\$2,700	\$2,800	\$2,800	\$2,900	\$3,000	\$3,000	\$38,993	\$38,993
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Trade In Value	\$0	\$0	\$68,000	\$0	\$0	\$0	\$0	\$83,000	\$151,000	\$151,000
Water Utility Fund	\$108,000	\$0	\$52,000	\$0	\$0	\$0	\$0	\$49,000	\$209,000	\$209,000
Total	\$108,000	\$0	\$120,000	\$0	\$0	\$0	\$0	\$132,000	\$360,000	\$360,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: 18,000lb class Hydraulic Excavator **Project Number:** WA-04

Project Type: Water System Equipment Replacement **Current Year Project Cost:** \$0

Department: Public Works – Water Maintenance **Funding Source:** Water Utility Fund

Description: Purchase a hydraulic excavator to replace the existing equipment.

Justification: This piece of equipment is vital to the department to handle various construction tasks and emergency repairs. Downtime must be kept to a minimum to ensure availability when needed. By replacing this equipment every 4 years the City will maximize the initial equity gained from the steep municipal discounts offered by manufacturers and reap a higher return rate on trade-in or resale value while maintaining a full warranty to protect from catastrophic repairs.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$88,000	\$0	\$104,000	\$0	\$0	\$0	\$112,320	\$120,000	\$424,320
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$88,000	\$0	\$104,000	\$0	\$0	\$0	\$112,320	\$120,000	\$424,320
Op Expense	\$25,858	\$1,100	\$1,100	\$1,200	\$1,200	\$1,300	\$1,400	\$15,000	\$48,158
Cost Savings	\$0	\$0	\$5,400	\$0	\$0	\$0	\$0	\$0	\$5,400
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Trade In Value	\$0	\$0	\$71,000	\$0	\$0	\$0	\$75,800	\$84,000	\$230,800
Water Utility Fund	\$88,000	\$0	\$33,000	\$0	\$0	\$0	\$36,520	\$36,000	\$193,520
Total	\$88,000	\$0	\$104,000	\$0	\$0	\$0	\$112,320	\$120,000	\$424,320

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

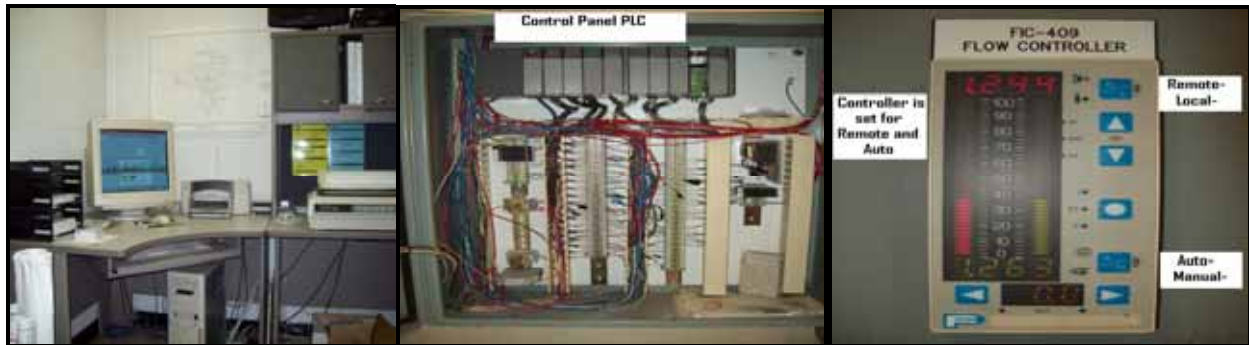
Project Title: Water SCADA System Upgrades **Project Number:** WA-16

Project Type: Water **Unfunded Project Cost:** \$300,000

Department: Public Works **Funding Source:** Water Fund

Description: This project replaces existing facilities. The Supervisory Control And Data Acquisition (SCADA) system is a critical component of the City's drinking water system. SCADA performs the automated functions of controlling the City's drinking water system and allows 24 hour a day operator access for monitoring, making adjustments, and reporting. The current system was installed in 1999 and is operating on a software system that is no longer supported making it vulnerable to failure. This project would provide for new software, computer hardware, programmable logic controllers, and radios.

Justification: SCADA is a fundamental component of today's modern water and wastewater systems. The existing program and components still function but are no longer supported and repairs are becoming increasingly difficult when required. The current system is nearing 15 years old and has more than outlived the operating systems used at that time. The PLC's are no longer supported and can only be repaired with used parts. The project budget has been revised to include the radios and PLC equipment.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Water Fund	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
Total	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: EnerGov-e-plan review **Project Number:** IT-04

Project Type: Permit Tracking **Unfunded Project Cost:** \$163,398

Department: Community Development **Funding Source:** Unfunded

Requested for Years: 2017-18

Description: EnerGov provides our building, business license, and planning permit/plan check tracking system. In 2013-14 the City upgraded the system to an Enterprise platform which allows for greater on-line capabilities. **This project represents the third phase** of the upgrade allowing the City to provide on-line plan review for building permits.

Justification: This project allows the City to be more responsive to the needs of the development community and residents by providing a paperless alternative to plan review as well as more complete on-line permit tracking.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,398	\$163,398
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,398	\$163,398
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,398	\$163,398	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,398	\$163,398	

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Public Works Asset Management Software **Project Number:** PW - 01

Project Type: Software **Unfunded Project Cost:** \$195,000

Department: Public Works **Funding Source:** Unfunded

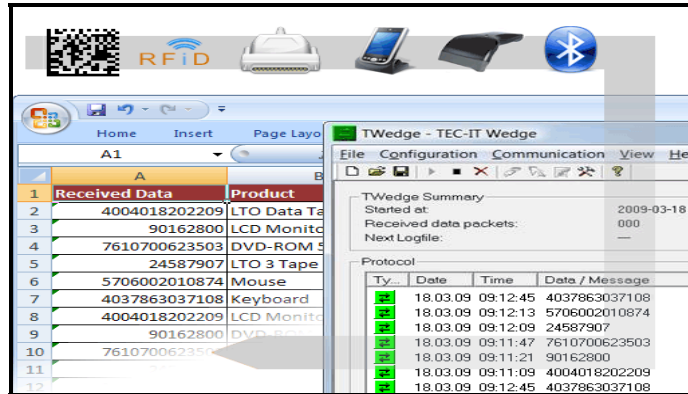
Requested for Years: 2018-19

Description: Software package to upgrade or replace the current asset management system in Public Works.

Justification: The current system, Hansen Version 7, is reaching the end of its supported life. If the software is unsupported, the vendor will not make upgrades or new modules for the system and the tech support function is retired for that package.

The new Hansen 8 version is an all new web based product, which requires the migration of the current archived data. The Department will look at Hansen along with other vendors to determine the best software package to work with in the future.

The cost of the software will be split between the General, Water, and Sewer Funds.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$195,000	\$195,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$195,000	\$195,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Sewer Utility Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Water Utility Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Street Department Sign Truck **Project Number:** ST-46

Project Type: Vehicle Replacement **Unfunded Project Cost:** \$130,000

Department: Public Works-Streets **Funding Source:** Unfunded

Requested for Years: 2016-2017 \$60,000
Beyond \$70,000

Description: Purchase of a 19,500 lb GVWR 4x4 truck with service body.

Justification: This truck is utilized in the day to day operations and maintenance of the City's signs, traffic signals, and lights. The truck will replace unit 575 which will be retired from the fleet.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$130,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$130,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$130,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000	\$130,000

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CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Downtown Revitalization **Project Number:** CD-03

Project Type: Revitalization **Current Year Project Cost:** \$109,000

Department: Community Development **Funding Source:** Community Development Block Grant Program

Description: Rehabilitate and/or acquire properties in the Downtown Area with the intent to make improvements to existing buildings, stabilize property values, and create jobs within the community.

Justification: This activity is consistent with Goal 1 of the city's Community Action Plan – *Redevelop Downtown Blue Springs and Promote Downtown Blue Springs Potential for Growth.*



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$0	\$654,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$0	\$654,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
CDBG Grant	\$0	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$0	\$654,000
Total	\$0	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$109,000	\$0	\$654,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Street Rehabilitation Program **Project Number:** ST-06

Project Type: Street Improvements **Current Year Project Cost:** \$2,300,000

Department: Public Works **Funding Source:** Transportation-Tax

Description: Annual rehabilitation of streets throughout the City.

Justification: The annual Street rehabilitation program began in 2008. The program consists of milling off the top two inches of pavement on a roadway and replacing it with approximately two inches of new asphalt. The City's road network consists of 8.4 miles of arterials, 100 miles of collectors, 108 miles of residential street, and 25.8 miles of cul de sacs. To date, the program has overlaid 117.5 miles of streets (See the table below for additional detail and current City standards). Annual rehabilitation extends the useful life of public streets and provides for a safe, reliable road network in the City. Projects are selected based on a combination of criteria which includes age, condition, and traffic volume with a priority placed on residential streets. In any given year, approximately \$1,640,000 is dedicated toward street rehabilitation \$300,000 is directed toward curb repair, and \$56,000 is applied toward sidewalk repairs on the streets being overlaid.

Current funding levels are not adequate to execute the program to the current City standard. Over the next year, staff will undergo a review of the program, industry standards, and best practices. It is anticipated that staff will develop programmatic and/or funding recommendations based on this review for consideration in next year's CIP planning cycle.

STREET TYPE	CITY STANDARD	TOTAL MILES	ANNUAL STREET REHABILITATION PROGRAM (THRU 2014)	
			Miles	%
Arterial	7-12 years	8.4	11.5	17.85
Collector	10-15 years	100	46	46.00
Residential	15-25 years	133.8	70	52.31
TOTAL		242.2	117.5	48.55

Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$16,900,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$33,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$16,900,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$33,000,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Trans-Tax	\$15,977,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$32,077,000
JCCUR	\$923,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$923,000
Total	\$16,900,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$2,300,000	\$33,000,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

<u>Project Title:</u>	Concrete Repair and Maintenance	<u>Project Number:</u>	ST-44
<u>Project Type:</u>	Infrastructure Maintenance	<u>Current Year Project Cost:</u>	\$300,000
<u>Department:</u>	Public Works	<u>Funding Source:</u>	Water Utility Fund Sidewalk Maintenance Fund

Description: In the 2013-14 Budget the City Council authorized the one-time use of approximately \$1.18 million in City contingency funds to begin addressing deferred maintenance needs of the City's sidewalk system. Since that time, staff engaged a consultant to undertake an extensive inventory and assessment of the system and develop strategies to address any defects in sidewalk infrastructure. This comprehensive assessment, which was presented to the City Council on December 15, 2014, resulted in the analysis of 3,190 curb ramps and 168 miles of sidewalk.

This project provides for the creation of an in-house concrete repair and maintenance program. The mission of this program will be to correct safety issues (e.g. trip hazards, grade deviations, etc.) and significant defects in the sidewalk system throughout the City as identified in the Sidewalk Inventory and ADA Transition Plan performed by TransSystems. In addition, the program includes replacement of sidewalks, driveways, curbs, and other concrete surfaces impacted by settlement and/or maintenance of City utility infrastructure—currently a service provided via external contractors.

Historically, the cost of this service has been approximately \$260,000 annually to repair 23,500 square feet of curb, sidewalks, and driveways (approximately \$11 per square foot). Under the proposed program, it is anticipated the City can successfully execute the repair/replacement of approximately 60,000 square feet of concrete infrastructure, representing a 255% increase over the current service level at an estimated rate of \$5 per square foot. This additional capacity will be allocated to the sidewalk repair program which equates to approximately two additional miles of sidewalk maintenance annually. The proposed funding and program design provides for a realistic and sustainable approach towards maintenance of the City's concrete infrastructure which maximizes the City Council's strategic, one-time investment.

Justification: The City Council approved Ordinance Number 4340 in 2011 which required the City to assume maintenance of the sidewalk system throughout the City. Sidewalk condition and maintenance is consistently rated as an important priority in the citizen surveys administered by ETC. The proposed program provides for a flexible delivery mechanism with improved efficiency and responsiveness.

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel	\$0	\$160,000	\$168,000	\$176,800	\$185,600	\$195,000	\$205,000	\$215,000	\$1,305,400
Equipment	\$0	\$5,000	\$5,000	\$5,200	\$5,400	\$5,600	\$5,800	\$6,000	\$38,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,983,000	\$135,000	\$142,000	\$149,000	\$156,000	\$164,400	\$173,200	\$179,000	\$3,081,600
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,983,000	\$300,000	\$315,000	\$331,000	\$347,000	\$365,000	\$384,000	\$400,000	\$4,425,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
General Fund Transfer	\$1,783,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,783,000
Sidewalk Maintenance		\$140,000	\$147,000	\$154,200	\$161,400	\$170,000	\$179,000	\$37,935	\$989,535
Trans Tax	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$147,065	\$347,065
Water Utility Fund	\$0	\$160,000	\$168,000	\$176,800	\$185,600	\$195,000	\$205,000	\$215,000	\$1,305,400
Total	\$1,983,000	\$300,000	\$315,000	\$331,000	\$347,000	\$365,000	\$384,000	\$400,000	\$4,425,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Citywide Maintenance **Project Number:** SAN-07

Project Type: Sanitary Sewer System Maintenance and Improvements **Current Year Project Cost:** \$900,000

Department: Public Works – Sewer Maintenance **Funding Source:** Sewer Utility Fund

Description: Sewer maintenance and improvements include: televised inspection of sewer mains, sewer main cleaning, replacement of clay tile sewer main utilizing cured in place pipe, rehabilitation of manholes, construction of relief sewers, and emergency repair of collapsed pipes and manholes.

Justification: This project provides for the maintenance, rehabilitation, and repair of the sanitary sewer infrastructure. The resulting benefits are: extended life of sewers, increased system reliability, decreased infiltration and inflow (I&I), and fewer sewer back up claims. The reduction of I&I maximizes the available capacity in the collection system and wastewater treatment plant and reduces the risk of sewer overflows. To accomplish this, the following tasks are performed each year: televised sewer inspections, sewer main cleaning, 25,000-35,000 feet of clay tile sewer lining, and the rehabilitation of leaking or deteriorated manholes. Of the City's 1,512,484 feet of sanitary sewers, the original and oldest portion (493,138 feet) was constructed using clay tile pipe. Due to its fragile nature clay pipe is prone to cracking as the earth's crust shifts and moves. This in turn leads to poor performance and in some cases pipe failure. To date, 227,085 feet of the clay tile sewers have been lined utilizing cured in place pipe. This process replaces the existing sewer pipe and has a life expectancy of 75 years. With continued funding the remaining 270,410 feet of clay tile sewers will be replaced by 2025.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,100,000	\$900,000	\$900,000	\$900,000	\$900,000	\$1,000,000	\$1,000,000	\$1,000,000	\$12,700,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$6,100,000	\$900,000	\$900,000	\$900,000	\$900,000	\$1,000,000	\$1,000,000	\$1,000,000	\$12,700,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Sewer Utility Fund	\$6,100,000	\$900,000	\$900,000	\$900,000	\$900,000	\$1,000,000	\$1,000,000	\$1,000,000	\$12,700,000
Total	\$6,100,000	\$900,000	\$900,000	\$900,000	\$900,000	\$1,000,000	\$1,000,000	\$1,000,000	\$12,700,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Sludge Removal **Project Number:** SNI-01

Project Type: Repetitive Operational Maintenance **Current Year Project Cost:** \$0

Department: Public Works – Sni-A-Bar **Funding Source:** Sewer Utility Fund

Description: The Sni-A-Bar wastewater treatment facility utilizes sludge treatment cells for the interim process between removal of sludge from the activated sludge process and permanent disposal from the treatment plant. Through an agreement with the Department of Natural Resources the City has been able to extend the period before sludge is required to be removed (normally 2 years) by adding micro-organisms to the sludge treatment cells to continue the decomposition process. This process can extend the storage capacity of the treatment cells by an additional 2-3 years. Annually this additional treatment cost is approximately \$20,000. Sludge removal was approved and scheduled for FY12-13 but was postponed to the current FY13-14 due to conflicts with the plant expansion.

Justification: Regular disposal of waste sludge is required under the permit issued by the State of Missouri. This project is needed based on the agreements with DNR and the available storage capacity of the treatment cells and should be performed every 6 years.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,000,000	\$0	\$0	\$0	\$0	\$2,500,000	\$0	\$2,500,000	\$6,000,000	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$2,500,000	\$0	\$2,500,000	\$6,000,000	\$0
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Sewer Utility Fund	\$1,000,000	\$0	\$0	\$0	\$0	\$2,500,000	\$0	\$2,500,000	\$6,000,000	\$0
Total	\$1,000,000	\$0	\$0	\$0	\$0	\$2,500,000	\$0	\$2,500,000	\$6,000,000	\$0

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Miscellaneous Watermain Maintenance **Project Number:** WA-12

Project Type: Water System Improvements **Current Year Project Cost:** \$300,000

Department: Public Works **Funding Source:** Water Utility Fund

Description: Upgrading of the City's infrastructure to current standards. There have been approximately 60 locations identified.

Justification: There are several locations throughout the water distribution system served by undersized mains constructed of cast iron pipe. These water mains are prone to failure resulting in customers being without water more frequently than average and increased maintenance costs to the City. The upsizing of these mains will also increase fire protection in these areas. The City typically bids the projects every 3-5 years in order to achieve maximum economy of scale.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,100,000	\$300,000	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,700,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,100,000	\$300,000	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,700,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Water Utility Fund	\$2,100,000	\$300,000	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,700,000
Total	\$2,100,000	\$300,000	\$300,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,700,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

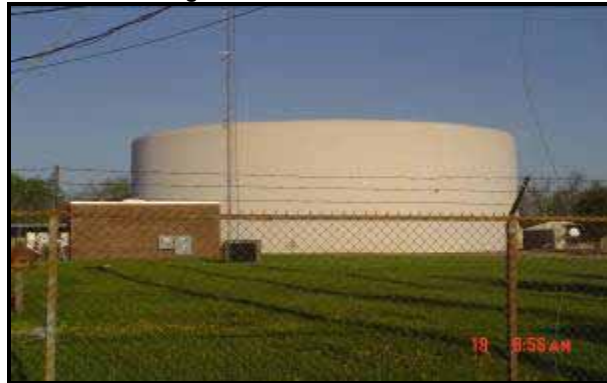
Project Title: Water Tank Maintenance Contract **Project Number:** WA-14

Project Type: Water System Maintenance **Current Year Project Cost:** \$141,723

Department: Public Works – Water Maintenance **Funding Source:** Water Utility Fund

Description: The water maintenance division has determined that it is advantageous to place the City's most valuable water assets (the water towers and storage tanks) on a contracted maintenance/management system. Many communities throughout the United States and the state of Missouri utilize storage tank maintenance agreements to level the annual costs associated with tank ownership which include re-painting, inspection, structural repairs, cleaning, correction of vandalism, and other maintenance/repair related items. These programs ensure the tanks are always in compliance with state and federal regulations, deliver safe potable water to customers, and maintain an attractive storage facility for the community. There is a reduction in the contract amount due to the decommissioning of the downtown water tower.

Justification: The Water Department has utilized contracted maintenance for the past four years with positive results. Since the maintenance contract is perpetual and with one firm, the repetitive engineering costs are eliminated. The maintenance program allows repairs to be completed in the same season they are identified, thereby providing a higher level of maintenance to the assets. Tank and tower maintenance programs are favorably recognized by the Missouri Department of Natural Resources as beneficial to communities in delivering safe water to their customers and realizing the maximum life from their assets.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,998,466	\$141,723	\$162,981	\$162,981	\$162,981	\$187,428	\$187,428	\$187,428	\$3,191,416
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$1,998,466	\$141,723	\$162,981	\$162,981	\$162,981	\$187,428	\$187,428	\$187,428	\$3,191,416
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Water Utility Fund	\$1,998,466	\$141,723	\$162,981	\$162,981	\$162,981	\$187,428	\$187,428	\$187,428	\$3,191,416
Total	\$1,998,466	\$141,723	\$162,981	\$162,981	\$162,981	\$187,428	\$187,428	\$187,428	\$3,191,416

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: 2013 Comprehensive Plan Update **Project Number:** CD-01

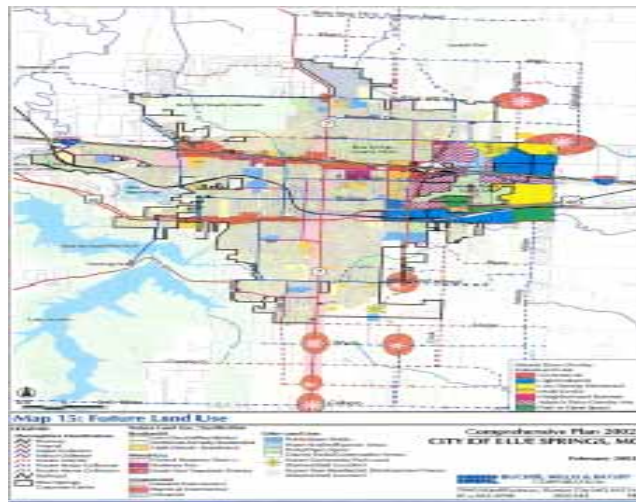
Project Type: Plan Update **Unfunded Project Cost:** \$100,000

Department: Community Development **Funding Source:** Unfunded

Requested Years: 2018-19

Description: The City of Blue Springs adopted the Comprehensive Plan in 2003. This project involves updating the City's Comprehensive Plan to reflect the current growth and development trends within the City.

Justification: The Comprehensive Plan is an official public document adopted by the Planning Commission and City Council provided to guide the physical development of the community. The Comprehensive Plan indicates, in general, how the citizens of the community want the City to improve in the near-term and long-term up to 20 years. The plan provides a rational and comprehensive guide for the physical development of the City that fosters quality growth, conservation, and redevelopment throughout the City and its Planning Area. The Comprehensive Plan should be updated every three to five years in order to address current development trends and the ever changing needs and desires of the community.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$320,000	
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$320,000	
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
General Fund	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$320,000	
Total	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$320,000	

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Adams Pointe Cart Path Replacement & Repairs **Project Number:** GC-06

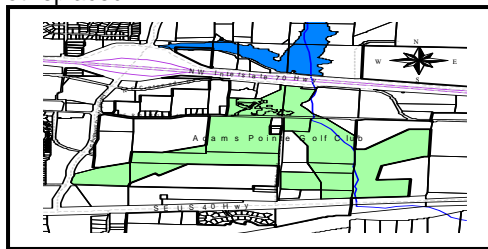
Project Type: Parks and Recreation **Unfunded Project Cost:** \$2,200,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2011-15

Description: Original cart path has been in use since the golf course opened in 1998. We have completed one repair project in recent years. The entire cart path is 5.5 miles or 29,240 feet in length. A committee made up of representatives from Engineering, Orion Management Solutions (management firm), and Parks & Recreation have visually inspected the entire path. It has been determined that about 58% of the path needs to be replaced and the other 42% can be crack filled and seal coating installed to preserve the better sections. This is proposed to be done in phases as described under justification. Where the project calls for replacement, contractors will remove the existing surface and install a new 8' wide concrete path with new rock base. Current pricing reflects about a 9% difference in cost of concrete over asphalt. However, concrete should last much longer and construction can be done in the spring and fall while asphalt can only be done in our prime playing seasons, thus affecting the use of the course.

Justification: The 4 inch thickness of asphalt, the constant dampness from irrigation, age of the asphalt, and the number of vehicle trips have created a number of failures in the existing cart path. Staff has investigated the use of asphalt, concrete, previous concrete, stabilizing binders, and stalock paving materials. We are recommending the removal of certain sections of the path with installation of 4 inch rock base with 6 inches of concrete surface. The first phase would remove and replace the entire path on holes #1 & #2, crack fill and seal coat the path on seven holes and around the clubhouse. If funding allows we would remove and replace the entire path on hole #18. We would plan to remove and replace three to four holes each of the next three years. Each phase would cost approximately \$300,000 annually. Following these four years a determination would have to be made on the status of the seven holes not replaced.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$2,200,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$2,200,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000	\$3,000
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$2,200,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$2,200,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Adams Pointe Golf Course Repairs to Stone Retaining Walls

Project Number: GC-07

Project Type: Parks and Recreation

Unfunded Project Cost: \$200,000

Department: Parks and Recreation

Funding Source: Unfunded

Requested for Years: 2012-13

Description: The original design of the course featured construction of four new ponds to both control storm water and provide an irrigation source. One pond is on the back nine holes, while three ponds are in the parking lot and between holes #1, #18 & #10 just south of the clubhouse location. Three of these four ponds have native stone vertical retaining walls on a portion of the embankments. This stone was imported from an underground quarry operation in Sugar Creek. Work consist of draining the ponds, removing existing deteriorated stone, and install new stone work. This work could be done in conjunction with the silt removal which should be done by RED development over the winter of 2010-11.

Justification: The existing walls have been deteriorating for several years due to weather conditions, freeze, thaw, and moisture. If allowed to continue walls will become unstable and could collapse into the ponds, leaving bunkers, tee-boxes and other course surfaces in a dangerous and nonfunctional condition. This could become a liability to the course and its users.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Shelter House #3 – Pink Hill Park **Project Number:** PR-46

Project Type: Parks and Recreation **Unfunded Project Cost:** \$152,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2013-14

Description: Pink Hill Park has five shelter houses located within the park. The sizes of the shelters vary by location. The shelters are rented to patrons and/or can be used at no charge without a reservation. The shelters are the original structures built in the 1980's are a low end house. In order to meet the desires of the community and bring park facilities up to the current standards within other park systems, a replacement plan is required of the structures. Not only does the shelter house need to be replaced, but the concrete pad it is on is cracking and is need of replacement as well along with updating picnic tables and trash cans.

Justification: The current structure does not meet the standards and desire of the residents of Blue Springs. The shelter house needs to be upgraded and updated to modern standards.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$76,000	\$76,000	\$76,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$76,000	\$76,000	\$76,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$152,000	\$152,000	\$152,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$152,000	\$152,000	\$152,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$152,000	\$152,000	\$152,000

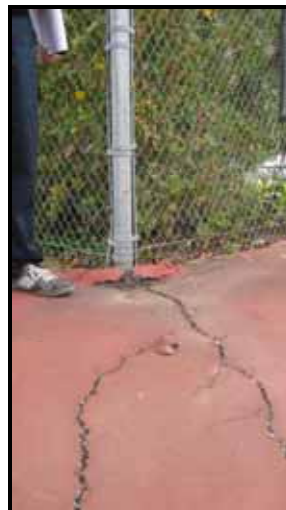
CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

<u>Project Title:</u>	Tennis Court Repairs – Young Park and Baumgardner Park	<u>Project Number:</u>	PR-47
<u>Project Type:</u>	Parks and Recreation	<u>Unfunded Project Cost:</u>	\$510,000
<u>Department:</u>	Parks and Recreation	<u>Funding Source:</u>	Unfunded
		<u>Requested for Years:</u>	2013-14 \$220,000 2014-15 \$140,000 2015-16 \$150,000

Description: Many of the hard surface courts within the park system are failing. Currently, the Blue Springs School District uses Young Park and Baumgardner Park for the high school tennis programs. In order for the programs and residents to have quality facilities, maintenance is required on the courts. Staff had McConnell & Associates out to look at the courts and make recommendations to address the deficiencies at the facilities. While Young Park on the surface looks adequate, it is due to parks staff patching the courts over the past few years. Unfortunately, the patches are failing quicker each time they are done. Currently, patches are only lasting a couple of months before movement is noticed again. The recommended long term fix is to use a post tension concrete overlay at Young Park. At Baumgardner Park the courts require a patch and fill and color coat along with the development of a fifth court for use by the Blue Springs High School. The Blue Springs School District has agreed to fund \$150,000 in 2014, \$70,000 in 2015 and \$75,000 in 2016 to complete all necessary repairs should the city fund the same amount.

Justification: In order to bring playing courts up to acceptable standards, a maintenance plan is required. Since the school district uses the courts for high school matches, they have agreed to fund 50% of the cost of the project as described. The repairs to Young Park will provided a long term solution to the current conditions and repairs Baumgardner Park with remedy the current conditions and provide the community and district additional courts to be used for matches and play.



CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$510,000	\$510,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$510,000	\$510,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Blue Springs School Dist	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000	\$255,000
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,000	\$255,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$510,000	\$510,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Park Trail and Pavement Management **Project Number:** PR-48

Project Type: Parks and Recreation **Unfunded Project Cost:** \$450,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2013-14 and ongoing annually.

Description: Currently, the Parks and Recreation Department has over 14 miles of multi-use trails, thousands of square feet of pedestrian pavement and numerous large parking lots and roads within the Park system. Currently no planned annual maintenance is occurring on the pavement within parks and the condition of the pavement is deteriorating. In order to protect and reduce cost, an annual maintenance fund of \$75,000 is required.

Justification: Since no maintenance or replacement plan has been developed, several areas of pavement within the department are failing and are in need of replacement, overlay, crack filling and seal coating. In order to adequately address the conditions, an annual maintenance fund is needed to be set-up to systemically start addressing current needs much like the street replacement program.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Adams Dairy Parkway Trail Deferred Maintenance **Project Number:** PR-50

Project Type: Parks and Recreation **Unfunded Project Cost:** \$175,400

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to the Adams Dairy Parkway Trail including patching, crack filling, seal coating, pavement replacement, drinking fountains, benches and other significant needed improvements.

Justification: The trail currently is heavily used and has significant issues related to cracking, surface peeling and crumbling. In order to provide a safe and appealing surface, maintenance is required to bring the trail to acceptable level desired by the residents.

Trail and Pavement Management Maintenance is also requested in the CIP, but if funding is provided for the entire trail project, that money will not be required.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,400	\$175,400
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,400	\$175,400
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,400	\$175,400
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,400	\$175,400

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Baumgardner Park Deferred Maintenance **Project Number:** PR-51

Project Type: Parks and Recreation **Unfunded Project Cost:** \$487,500

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Baumgardner Park including shelters, ball field, parking lots, trails, playgrounds, tennis courts, picnic tables, benches, trash receptacles, volleyball courts, drinking fountains, restrooms, signs, fencing and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$487,500	\$487,500
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$487,500	\$487,500
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$487,500	\$487,500
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$487,500	\$487,500

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Blue Springs Park
Deferred Maintenance

Project Number: PR-52

Project Type: Parks and Recreation

Unfunded Project Cost: \$1,209,700

Department: Parks and Recreation

Funding Source: Unfunded

Description: Provide needed deferred maintenance and improvements to Blue Springs Park including shelters, ball field, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, basketball courts, drinking fountains, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,209,700	\$1,209,700
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,209,700	\$1,209,700
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,209,700	\$1,209,700
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,209,700	\$1,209,700

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Burrus Old Mill Park Deferred Maintenance **Project Number:** PR-53

Project Type: Parks and Recreation **Unfunded Project Cost:** \$917,700

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Burrus Old Mill Park including shelters, ball field, parking lots, trails, playgrounds, tennis courts, picnic tables, benches, trash receptacles, volleyball courts, basketball courts, drinking fountains, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$917,700	\$917,700
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$917,700	\$917,700
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$917,700	\$917,700
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$917,700	\$917,700

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Central Park Deferred Maintenance **Project Number:** PR-54

Project Type: Parks and Recreation **Unfunded Project Cost:** \$65,000

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Central Park including parking lots and landscaping and other significant needed improvements.

Justification: The park currently includes minor development with a community garden and a gravel parking lot. The parking lot needs to be paved and additional landscaping is required along with other improvements to the park.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Duncan Road Trail
Deferred Maintenance

Project Number: PR-55

Project Type: Parks and Recreation

Unfunded Project Cost: \$72,900

Department: Parks and Recreation

Funding Source: Unfunded

Description: Provide needed deferred maintenance and improvements to the Duncan Road Trail including patching, crack filling, seal coating, pavement replacement, drinking fountains, benches and other significant needed improvements.

Justification: The trail currently is heavily used and has significant issues related to cracking, surface peeling and crumbling. In order to provide a safe and appealing surface, maintenance is required to bring the trail to acceptable level desired by the residents.

Trail and Pavement Management Maintenance is also requested in the CIP, but if funding is provided for the entire trail project, that money will not be required.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,900	\$72,900
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,900	\$72,900
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,900	\$72,900
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$72,900	\$72,900

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Franklin Smith School Park Deferred Maintenance **Project Number:** PR-56

Project Type: Parks and Recreation **Unfunded Project Cost:** \$95,500

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Franklin Smith School Park including ball field, park, benches, trash receptacles, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,500	\$95,500	\$95,500
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,500	\$95,500	\$95,500
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,500	\$95,500	\$95,500
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,500	\$95,500	\$95,500

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Gregory O. Grounds Park Deferred Maintenance **Project Number:** PR-57

Project Type: Parks and Recreation **Unfunded Project Cost:** \$572,000

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Gregory O. Grounds Park including shelters, parking lots, trails, benches, trash receptacles and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well much of the land is undeveloped and requires completion of current facilities to complete trail loops and pedestrian spaces.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$572,000	\$572,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$572,000	\$572,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$572,000	\$572,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$572,000	\$572,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Hidden Valley Sports Complex Deferred Maintenance **Project Number:** PR-58

Project Type: Parks and Recreation **Unfunded Project Cost:** \$2,149,400

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Hidden Valley Sports Complex including shelters, ball field, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, drinking fountains, concession/restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,149,400	\$2,149,400
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,149,400	\$2,149,400
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,149,400	\$2,149,400
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,149,400	\$2,149,400

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: James Walker School Park Deferred Maintenance
Project Number: PR-59
Project Type: Parks and Recreation
Unfunded Project Cost: \$370,475
Department: Parks and Recreation
Funding Source: Unfunded

Description: Provide needed deferred maintenance and improvements to James Walker School Park including ball field, parking lots, trails, playgrounds, benches, trash receptacles, drinking fountains, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,475	\$370,475
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,475	\$370,475
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,475	\$370,475
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,475	\$370,475

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Keystone Park Deferred Maintenance **Project Number:** PR-60

Project Type: Parks and Recreation **Unfunded Project Cost:** \$598,600

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Keystone Park including shelters, ball field, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, drinking fountains, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$598,600	\$598,600
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$598,600	\$598,600
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$598,600	\$598,600	\$598,600
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$598,600	\$598,600	\$598,600

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Moreland School Road Trail Deferred Maintenance
Project Number: PR-61

Project Type: Parks and Recreation
Unfunded Project Cost: \$29,700

Department: Parks and Recreation
Funding Source: Unfunded

Description: Provide needed deferred maintenance and improvements to the Moreland School Road Trail including patching, crack filling, seal coating, pavement replacement and other significant needed improvements.

Justification: The trail currently is heavily used and has significant issues related to cracking, surface peeling and crumbling. In order to provide a safe and appealing surface, maintenance is required to bring the trail to acceptable level desired by the residents.

Trail and Pavement Management Maintenance is also requested in the CIP, but if funding is provided for the entire trail project, that money will not be required.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,700	\$29,700	\$29,700
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,700	\$29,700	\$29,700
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,700	\$29,700	\$29,700
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,700	\$29,700	\$29,700

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Pink Hill Park Deferred Maintenance **Project Number:** PR-62

Project Type: Parks and Recreation **Unfunded Project Cost:** \$1,601,800

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Pink Hill Park including shelters, ball field, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, tennis courts, volleyball courts, drinking fountains, concessions, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,601,800	\$1,601,800
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,601,800	\$1,601,800
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,601,800	\$1,601,800
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,601,800	\$1,601,800

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Rotary Park Deferred Maintenance **Project Number:** PR-63

Project Type: Parks and Recreation **Unfunded Project Cost:** \$1,417,550

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Rotary Park including shelters, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, tennis courts, basketball courts, volleyball courts, drinking fountains, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,417,550	\$1,417,550
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,417,550	\$1,417,550
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,417,550	\$1,417,550
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,417,550	\$1,417,550

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Ward Park Deferred Maintenance **Project Number:** PR-64

Project Type: Parks and Recreation **Unfunded Project Cost:** \$700,200

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Ward Park including shelters, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, basketball courts, tennis courts, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,200	\$700,200
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,200	\$700,200
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,200	\$700,200
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,200	\$700,200

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Wilbur Young Park
Deferred Maintenance

Project Number: PR-65

Project Type: Parks and Recreation

Unfunded Project Cost: \$723,700

Department: Parks and Recreation

Funding Source: Unfunded

Description: Provide needed deferred maintenance and improvements to Wilbur Young Park including shelters, ball field, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, basketball courts, tennis courts, volleyball courts, drinking fountains, concessions, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$723,700	\$723,700
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$723,700	\$723,700
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$723,700	\$723,700
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$723,700	\$723,700

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Woods Chapel Park Deferred Maintenance **Project Number:** PR-66

Project Type: Parks and Recreation **Unfunded Project Cost:** \$678,900

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Provide needed deferred maintenance and improvements to Woods Chapel Park including shelters, parking lots, trails, playgrounds, picnic tables, benches, trash receptacles, basketball courts, drinking fountains, concessions, restrooms, signs, fencing, landscaping and other significant needed improvements.

Justification: As the park continues to age many of the amenities have reached or passed there life expectancy and need to be replaced or have major renovations completed in order to provide the community with the types of facilities found in a modern park setting. As well many of the amenities have had a band aid approach over the past several years that are no longer effective in providing safe well maintained amenities.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,900	\$678,900
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,900	\$678,900
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,900	\$678,900
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,900	\$678,900

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Woods Chapel Park Playground Replacement **Project Number:** PR-67

Project Type: Parks & Recreation **Unfunded Project Cost:** \$90,000

Department: Parks & Recreation **Funding Source:** Unfunded

Description: Replacement of the existing modular playground structure at Woods Chapel Park.

Justification: The playground was constructed in 1993 and no longer is in compliance with many of the safety standards set forth in the Consumer Product Safety Commission Guidelines. The equipment is still structurally sound, but rusting is affecting the connections, nuts, bolts and other components and Ultra Violet degradation is causing the PVC and plastic components to weather. This playground has exceeded the normal lifespan for composite playgrounds and many of the parts are now not available for replacement.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,000	\$90,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Vesper Hall Roof Replacement **Project Number:** PR-68

Project Type: Buildings & Grounds **Unfunded Project Cost:** \$150,000

Department: Parks & Recreation **Funding Source:** Unfunded

Description: Replacement of the existing roof at Vesper Hall.

Justification: Vesper Hall was constructed in 1992. The roof is a membrane type roof covering and has exceeded the expected lifespan for this type of roof. Manufacturers recommend replacement every 20 years and at this point the roof is 22 years old. Although there have not been a large number of roof leaks recorded in recent years, the potential for failure due to Ultra Violet degradation increases every year. The seams are beginning to crack and dry, although they are still functional. There was some patching attributed to the replacement of the air handling units that were replaced just over a year ago.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Traffic Island Rehabilitation **Project Number:** ST-41

Project Type: Roadway Repair **Unfunded Project Cost:** \$150,000 - \$450,000

Department: Streets **Funding Source:** Unfunded

Description: This program would repair and or replace traffic Islands throughout the City, add retro-reflective paint where needed on those islands, and replace damaged or worn signs. The project can span across three years, or be funded in the same year at a total cost of \$450,000.

Justification: Traffic islands installed along arterial and collector streets receive damage from vehicles, trailers and from settling soils over years. Traffic islands are scattered throughout the city, most notably on Woods Chapel Road, South Outer Road, NW 15th Street, Adams Dairy Parkway, Coronado Drive and State Route 7.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: 7 Highway Sidewalk Infill **Project Number:** ST-43

Project Type: Street Improvements **Unfunded Project Cost:** \$2,500,000

Department: Public Works **Funding Source:** Unfunded

Description: Placement of missing segments of sidewalks along 7 Hwy from I-70 to Moreland School Rd.

Justification: This project would provide for ADA ramps and continuous sidewalk along 7 Hwy, providing a safer pedestrian movement.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,150,000	\$2,150,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: R.D. Mize Road to Vesper Street Storm Sewer

Project Number: STM-05

Project Type: Storm Sewer Improvements

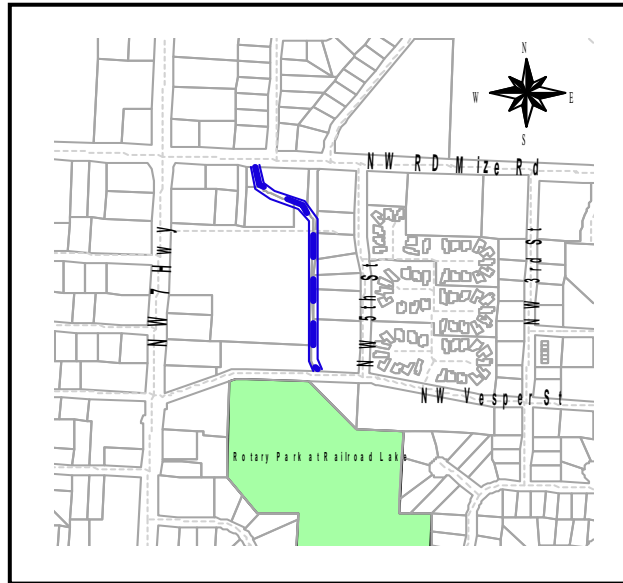
Unfunded Project Cost: \$720,000

Department: Public Works

Funding Source: Unfunded

Description: Improve an existing drainage way from R.D. Mize Road to Vesper Street, around Hobby Lobby to the east.

Justification: The existing concrete lined channel is in need of major repair. At the same time, improvements should be made to increase the capacity of the system.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$720,000	\$720,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$720,000	\$720,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$720,000	\$720,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$720,000	\$720,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Storm Water Infrastructure **Project Number:** STM-06

Project Type: Storm Sewer System Replacement **Unfunded Project Cost:** \$400,000

Department: Streets **Funding Source:** Unfunded

Requested for Years: 2014-15 \$200,000
2015-16 \$200,000

Description: This project entails the replacement or lining of rusted and or collapsed sections of storm pipe, rehabilitation or replacement of storm water inlets and televised inspection of storm pipe.

Justification: The City of Blue Springs currently has over 90 miles of Storm Water pipe below city streets, sidewalks and between homes and businesses. 52% of the pipe is made of corrugated metal and the other is made of concrete or plastic (HDPE). Over time the corrugated metal can rust through leaving a void along the bottom of the pipe (pictured below) and concrete pipes can shift creating voids at the joints. In some cases vandals have burnt HDPE pipe causing a complete obstruction and or collapse. Dips in streets, curbs, sidewalks and eventually sink holes in manicured yards can and do result from these defects. When soil is pulled into storm pipe voids it has a direct impact on the level walking surface of the sidewalks. Level walking surfaces were noted in the results of the citizen survey.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Sunnyside School Road Box Culvert **Project Number:** ST-42

Project Type: Road Construction **Unfunded Project Cost:** \$160,000

Department: Streets **Funding Source:** Unfunded

Description: The replacement of the existing box culvert with a 12' x 8' x 60' box to improve storm water flows and driver safety.

Justification: The box culvert is in the middle of the curve just north of US 40 Highway. The road is 22 feet wide and there are sharp drop offs on either side. There is not enough room to add guardrails to the site and the headwalls are showing signs of heavy deterioration.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$110,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$110,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$160,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160,000	\$160,000

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Sanitary Sewer

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Storm Water

[STM-08 – Storm Water Master Plan](#)

Water

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CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Document Archival, Retention and Retrieval **Project Number:** IT-01

Project Type: Electronic Content Management (ECM) **Current Year Project Cost:** \$0

Department: Information Technology **Funding Source:** General Fund

Description: The City is required to retain and be able to produce and provide documents, for reference and regulatory compliance. An Electronic Content Management (ECM) system would provide quick and efficient access to all information in electronic format from any computer. ECM systems meet guidelines for microfilming and maintaining public records as outlined by the MO Secretary of State. An electronic audit trail provides enhanced document security by showing who accessed documents and limiting who can access documents. An ECM system also provides disaster recovery protection because electronic data is backed up whereas hard copy documents typically only exist in one location and could be lost or destroyed in a fire, natural disaster or act of malice. This will be completed in two (2) phases with Phase 1 – All City Departments having a need or desire for electronic imaging (cost \$75,000 which was approved in the FY 2013-14 budget and is in progress using Xerox DocuShare) and Phase 2 – Finance Department \$147,992.

Justification: The City incurs significant and ongoing personnel costs in conjunction with locating, retrieving, copying and re-filing hard copies of documents and records. In addition to personnel costs, there are significant costs for the onsite and off-site physical storage of documents. An ECM system would also dramatically reduce paper costs and contribute toward a “green” environment. The cost-benefit of an ECM system compared to storing, retrieving, copying and re-filing hard copies is significant in terms of both time and dollars.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$75,000	\$0	\$0	\$0	\$0	\$0	\$147,992	\$0	\$222,992	\$222,992
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$75,000	\$0	\$0	\$0	\$0	\$0	\$147,992	\$0	\$222,992	\$222,992
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$31,787	\$0	\$31,787	\$31,787
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
General Fund	\$75,000	\$0	\$0	\$0	\$0	\$0	\$147,992	\$0	\$222,992	\$222,992
Total	\$75,000	\$0	\$0	\$0	\$0	\$0	\$147,992	\$0	\$222,992	\$222,992

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Parks and Open Space Comprehensive Master Plan
Project Number: PR-49
Project Type: Plan
Project Cost: \$120,000
Department: Parks and Recreation
Funding Source: General Fund

Description: Hire a consultant or team of consultants to prepare a Comprehensive Parks, Recreation Open Space and Trails Master Plan to determine how to best meet the future park needs of its citizens through enhancements to existing parks and acquisition of additional parkland. This effort is intended to result in a plan that identifies parks and recreational needs for the City of Blue Springs, policy approaches to achieve overall goals, and a likely capital program for park enhancements into the foreseeable future.

Justification: The plan will provide a 10 year vision for parks, recreation, open space and trails, as well as an action plan for implementing this vision. The plan would include research, public involvement, and the development of recommendations for all aspects of Blue Springs park system, including the park system mission and goals as well as provide a community demand, supply and needs analysis.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
General Fund	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000
Total	\$0	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Street Difference **Project Number:** ST-27

Project Type: Street Construction **Current Year Project Cost:** \$75,000

Department: Public Works – Street Division **Funding Source:** Transportation Tax

Description: Funds used for the completion of road projects where half of the road is built by an adjoining project.

Justification: These funds are used to complete a section of roadway when half is paid for by the adjoining project. Example: The north side of Broadway is improved with curb and gutter and a 14' asphalt lane for 300 feet. The south side is undeveloped and to leave the road in this condition may cause safety issues for the motoring public. The City could use these funds to complete the south side of the road to provide a safe road section.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$600,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,125,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$600,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,125,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Transportation Tax	\$600,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,125,000
Total	\$600,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$1,125,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Tyer Road Sanitary Sewer Phase I **Project Number:** SAN-15

Project Type: Sanitary Sewer **Project Cost:** \$125,000

Department: Public Works **Funding Source:** Sewer Utility Fund

Description: Extension of the City's sanitary sewer system from the south side of Coronado Drive (east of Haldex) continuing north beneath I-70 servicing the tributary from NE 20th Street to Tyer Road.

Justification: This improvement will facilitate the eventual development of the properties with I-70 frontage. There is a prior agreement that requires the City to make this improvement and for one of the property owners to contribute \$96,000 toward the project upon completion of Phases I and II. An additional \$125,000 is required to construct the project as a result of updated construction costs from when the scope was initially developed. This additional funding will be combined with the \$550,000 previously approved in the 2010 CIP.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$525,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$650,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$550,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$675,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Sewer Utility Fund	\$550,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$675,000
Total	\$550,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$675,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Tyer Road Sanitary Sewer Phase II Design **Project Number:** SAN-18

Project Type: Sanitary Sewer **Project Cost:** \$50,000

Department: Public Works **Funding Source:** Sewer Utility Fund

Description: Design of the Extension of the City's sanitary sewer system east and north from the manhole at the end of Phase I (SAN-15 in red) in the draw on the north side of I-70 for a distance of approximately 1,400 linear feet terminating just north of the lot on the corner of NE Jefferson Street and Tyer Road denoted in green.

Justification: This improvement, once designed and completed, would facilitate the eventual development of the properties with I-70 frontage. There is a prior agreement with one of the property owners to contribute \$96,000 toward the project upon completion of Phases I and II. The City is contractually obligated to make this improvement.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Unfunded	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$700,000	\$750,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Unfunded	Total
Sewer Utility Fund	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$700,000	\$750,000
Total	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$700,000	\$750,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Vesper Hall Parking Lot Expansion **Project Number:** BF-01

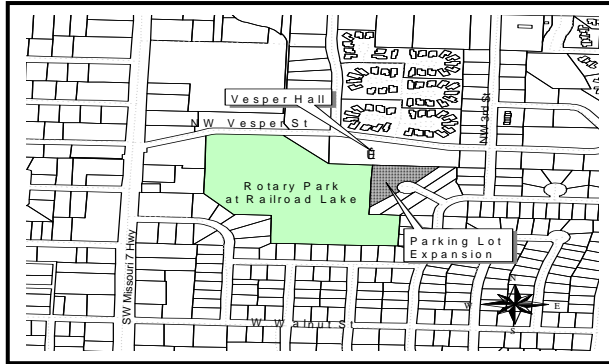
Project Type: Buildings and Facilities **Unfunded Project Cost:** \$690,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2010-11 \$495,000
 2011-12 \$195,000

Description: This project would expand the existing 126 stall parking lot by 55 for a total of 181 stalls, for 43% more parking. This would require purchasing the existing apartments and lot (approximately .4 acres) on the corner of Vesper & 3rd Street, east of the existing parking lot. This project would be done in two phases, with the purchase of the apartment and lot in year one, and design and construction of the parking lot the following year.

Justification: Vesper Hall was built and opened in 1993. Funds and land were only available to build parking for approximately 252 people for a building that accommodates 300 plus. There are currently 126 parking stalls at the facility, which is about 70% of what is needed. The north side of Vesper Street is currently used for overflow parking at least 82 times per year for different functions (dances, special meals and private rental events). The lack of parking creates a dangerous situation for pedestrians going to and from their cars on Vesper Street. Rotary Park is connected by a sidewalk to Vesper Hall and does help at times as overflow parking, but is not considered a permanent solution.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$495,000	\$495,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000	\$175,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$690,000	\$690,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	\$10,000
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$690,000	\$690,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$690,000	\$690,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Vesper Hall Building Expansion **Project Number:** BF-02

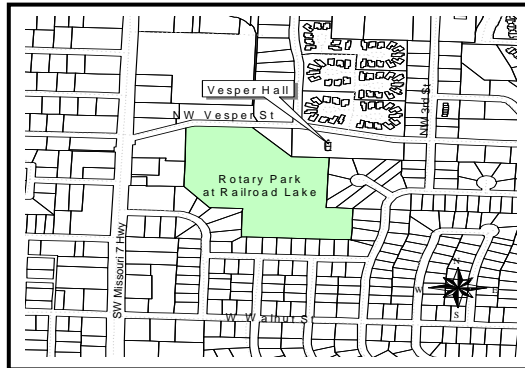
Project Type: Buildings and Facilities **Unfunded Project Cost:** \$215,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2011-12

Description: This project would create 795 square feet or 5.6% of additional space by enclosing the existing patio on the north side of the building. The new & larger divided space would include additional room for exercise equipment & function as a workout room, with the balance of additional space to be incorporated into the existing art room.

Justification: Currently, space in the exercise and art rooms is limited. Space in the weight room has been well utilized and is in need of expansion. At this time, only age 50+ is allowed in the weight room because of the small number of pieces of exercise equipment available and because of the size of the room. Expansion of the weight room and the art room would encourage our senior adult population as well as the adult general public to consider the healthy option of "getting fit". We can add additional weight room and art room space by enclosing the north patio area. This enclosure will require only one exterior wall, a roof/ceiling, and one support wall in the center to be constructed along with destruction of the existing respective walls. The patio is rarely used for any purpose and was designed to be enclosed at some point when the building was originally designed and constructed.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,000	\$45,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$215,000	\$215,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600	\$2,600
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$215,000	\$215,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$215,000	\$215,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Pink Hill Park Shop Expansion **Project Number:** BF-06

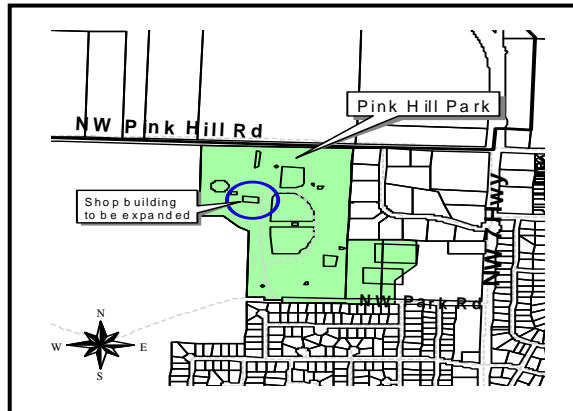
Project Type: Buildings and Facilities **Unfunded Project Cost:** \$500,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2012-13

Description: Construction of a 30 by 80 ft. (2,400 sq. ft.) single story addition south of the existing headquarters shop building in Pink Hill Park. This would house new offices, break room, locker room, shower room, and restrooms for staff. Existing paved access to shop compound would be relocated further south. Existing office space would be converted to other shop uses for carpentry, welding, storage, etc.

Justification: The building was constructed as a Public Works building in the late 1960's with no expansion since. Park Department has been housed in this site since 1988 without any expansion of staff facilities. Staff offices are insufficient, locker room is inadequate. The break/ meeting/training room was recently remodeled to accommodate staff, by taking space from the working shop space. We will need to add administrative staff and a secretary/ receptionist at some point in the future. This expansion will provide room for those new staff members. Existing office/break/locker/restroom space will be converted by staff into shop space.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,000	\$24,000
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$500,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$500,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

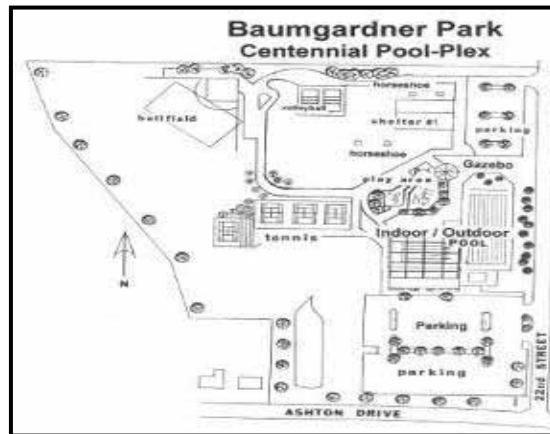
Project Title: Family Aquatic Center **Project Number:** BF-16

Project Type: Buildings and Facilities **Unfunded Project Cost:** \$12,000,000

Department: Parks and Recreation **Funding Source:** Unfunded

Description: Design and construction of a replacement outdoor or summer only aquatic facility to replace Centennial Pool-plex which is now over thirty (30) years old. It no longer meets all the demands, needs, codes, and capacity for the population of Blue Springs. A 2008 aquatic study reflects several recommendations and options, with a final plan yet to be determined. Proposed location would be in Baumgardner Park. The construction of such a facility is supported strongly by the citizens survey conducted in 2013.

Justification: The existing Pool-Plex was designed and built under old design standards, which resulted in a competitive / instructional type of pool. This pool design is no longer popular with the public. Newer designs provide a wider variety of water features, including but not limited to; zero depth entry areas, active water play features, lazy rivers, and more. They can also be designed for lap, instructional, and competitive use. Industry research has shown that most pools of this type can be self-sufficient to profitable.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000	\$850,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,350,000	\$1,350,000	\$1,350,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$200,000
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,100,000	\$8,100,000	\$8,100,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000	\$1,500,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000,000	\$12,000,000	\$12,000,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000,000	\$12,000,000	\$12,000,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,000,000	\$12,000,000	\$12,000,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

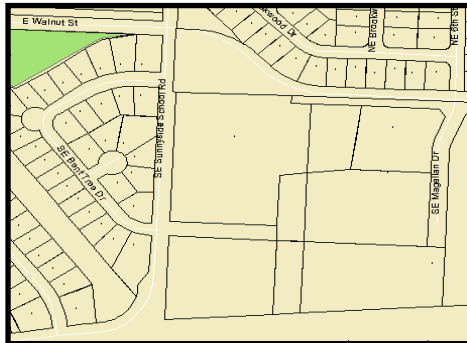
Project Title: Public Utilities Building – Phase II **Project Number:** BF-19

Project Type: Building and Facilities **Unfunded Project Cost:** \$5,525,000

Department: Public Works **Funding Source:** Unfunded

Description: Design and construction of a 100 ft. x 200 ft. building for Public Utilities on the lot adjacent to the existing Public Works Building. The new building will provide vehicle and equipment storage, locker room facilities, conference/training room and secure storage of repair inventories and critical equipment for the sewer and water departments.

Justification: Water and sewer personnel and equipment currently operate out of the Public Works Building along with street maintenance, storm sewer maintenance, central garage and administrative staff. The existing building was constructed in 1988 with 18 interior parking stalls and then reduced to 16 in 2000 with the expanded operations of the central garage. Because of growth and current space limitations, 13 emergency response vehicles are parked outside exposed to inclement weather. The very nature of the work performed by public works requires that its equipment and personnel respond promptly during the most demanding weather conditions. Outside storage of equipment also leaves this very expensive equipment susceptible to vandalism and theft. Current personnel numbers working out of the Public Works Building exceed the space available for locker room facilities and meeting/training space used for safety training. As newly annexed areas begin developing, additional personnel and equipment will be added. The proper way to address these needs is to require the utilities division to provide the space necessary for its equipment and personnel rather than the General Fund providing for the utilities division.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$495,000	\$0	\$0	\$0	\$0	\$0	\$0	\$275,000	\$770,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,250,000	\$6,950,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,195,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,525,000	\$7,720,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$1,284,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,315,000	\$4,599,000
Sewer Fund	\$911,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,210,000	\$3,121,000
Total	\$2,195,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,525,000	\$7,720,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Purchase of Bark/Mulch Blower **Project Number:** PR-29

Project Type: Parks and Recreation Facilities **Unfunded Project Cost:** \$115,000

Department: Parks and Recreation **Funding Source:** Unfunded

Requested for Years: 2011-12

Description: Purchase required equipment to apply landscape mulch and other bulk materials to eliminate the need for labor intensive hand placement. Truck mounted model with a hopper capacity of 15.7 cubic yards would provide for high efficiency mulch applications for landscape and maintenance functions. Blower unit would be diesel powered and mounted on a modified used City vehicle.

Justification: Increase in productivity and improved employee safety. For example it required 1,913 labor hours to hand place 2,000 cu. yds. of mulch at ADP & I-70 interchange in 2003, at a cost of \$23,799. With this equipment it would require 200 hours at cost of just \$4,500. There would be a savings of \$19,299 for one application. This equipment would be used in park playgrounds and landscape beds; city building sites, parkway landscapes, trail locations and at Adams Pointe Golf Course. This equipment can also be used to place top-dressing materials, small aggregates, pre-emergent herbicides with mulch, compost and even seed/soil mixes. Using this equipment we are on a site for less time, with most sites being along streets and high traffic areas. This would reduce changes of accidents, injuries, and workman compensation issues.



EXAMPLE ONLY
NOT ACTUAL BLOWER

Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000	\$115,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000	\$115,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000	\$115,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,000	\$115,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Additional Street Sweeper **Project Number:** ST-35

Project Type: Equipment Purchase **Unfunded Project Cost:** \$550,000

Department: Public Works Streets **Funding Source:** Unfunded

Requested for Years: 2017-18 \$250,000
Beyond - \$300,000

Description: Purchase of a vacuum street sweeper.

Justification: The Street Sweeper is used to remove dirt, leaves, debris and contaminants from the city's streets prior to the debris washing into the surrounding watershed. It also doubles as an excavation unit in areas too sensitive for a piece of heavy equipment by using its high pressure hose and rear vacuum connection. Additionally, it is used to vacuum debris from catch basins to prevent localized flooding. This service/program reduces air and stream pollution, which helps to maintain the city's air and stream quality. These actions support the city's Storm Water Pollution Discharge Permit requirements and it provides a safe way to clean out catch basins that are deeper than five feet. We currently have one unit to service the entire city. The annexation to the south and the expansion of State Route 7 has added many curb miles of cleaning surface. The improvements in the south area have added many more curb miles. The 7 Highway improvements have added an additional six curb miles to the arterial sweeping route. A second unit is needed to maintain the current annual defined level of service.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$550,000
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$550,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,300	\$16,300
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$550,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550,000	\$550,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Light Young Park Rook Softball Field **Project Number:** PR-30

Project Type: Parks and Recreation Facilities **Unfunded Project Cost:** \$106,605

Department: Parks and Recreation **Funding Source:** Unfunded

Description: To light the existing Rook Field at Young Park. This is one of three fields built for adult softball several years ago, with the other two fields being lighted at that time. We did not need three lighted fields at the time it was built, plus the School District paid to have the outfield fences moved back to make the field a baseball field as well. They used it for varsity sports until about four years ago. We have restored the infield to softball dimensions and are ready to light it. We would use steel poles and 50/30 footcandle levels, currently the standards for softball fields.

Justification: Our adult sports programs/leagues/tournaments continue to grow and the need for additional field space for evening games grows as well. We only have four fields in town that we use for adult sports, with three of them at Young Park. For the time and money spent on maintenance; and for the tournament and night games we need this field lighted in the future to make the most efficient use of existing facilities. The only planned field expansion for adults are for the new south sports park.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73,105	\$73,105
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,500	\$33,500
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$106,605	\$106,605
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$1,000
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$106,605	\$106,605
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$106,605	\$106,605

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Adams Dairy Parkway VII (Roanoke to Pink Hill Road) **Project Number:** ST-01

Project Type: Street Improvements **Unfunded Project Cost:** \$2,850,000

Department: Public Works **Funding Source:** Unfunded

Description: Construction of a new two-lane (Jellison Road) major collector from NE Roanoke Drive to NE Pink Hill Road. The roadway will be 32-feet-wide and 2,800 feet long with a bike path and sidewalk.

Justification: Now that Adams Dairy Parkway is completed between Duncan Road and Roanoke Drive, it aligns with Jellison Road. Jellison Road is now an unimproved roadway north to Pink Hill Road and will need reconstructing to handle the increased traffic demands.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,850,000	\$2,850,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,850,000	\$2,850,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,850,000	\$2,850,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Vesper Street Improvements **Project Number:** ST-07

Project Type: Street Improvements **Unfunded Project Cost:** \$4,200,000

Department: Public Works **Funding Source:** Unfunded

Description: Reconstruct Vesper Street between 22nd Street and Woods Chapel Road (approximately 3,500 linear feet) to meet city collector street standards. This project also includes improvements to the drainage facility at the intersection of Vesper Street and Woods Chapel Road.

Justification: This section of roadway is currently maintained to county road standards since it is within Jackson County's jurisdiction. It is very narrow with no shoulders and steep side slopes. Its hilly profile creates short sight distance. Increased traffic requires that it be improved to City standards.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,700,000	\$3,700,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,200,000	\$4,200,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,200,000	\$4,200,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,200,000	\$4,200,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Roanoke Drive Improvements **Project Number:** ST-08

Project Type: Street Improvements **Unfunded Project Cost:** \$2,350,000

Department: Public Works **Funding Source:** Unfunded

Description: Widen Roanoke Road from a 20-foot wide county road to a 36-foot wide collector street. The improvement will start at Adams Dairy Parkway to Porter Road (approximately 2,150 lineal feet). The improvement will also include curb, gutters, storm sewers and sidewalks.

Justification: The growth potential in the area is high due to the large tracts of land in the area. As this land develops, the increase in traffic will require a collector street for the safety of drivers. The improvements will also accelerate development in the area.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,350,000	\$2,350,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,350,000	\$2,350,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,350,000	\$2,350,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Woods Chapel Road
Walnut Street to US 40
Highway

Project Number: ST-09

Project Type: Street Improvements

Unfunded Project Cost: \$5,750,000

Department: Public Works

Funding Source: Unfunded

Description: This project involves the reconstruction (approximately 3,000 lineal feet) of Woods Chapel Rd. from 40 Hwy. to Walnut. Including a center turn and right turn lane where applicable with sidewalk and bike facilities.

Justification: Since Woods Chapel Rd. is one of three roadways which access I-70 and 40 Highway within Blue Springs its traffic demands are growing with the City. Additionally, the existing asphalt pavement is failing structurally. It would be very beneficial to the many motorists of Blue Springs to have this roadway operate at higher level of service.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$5,000,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,750,000	\$5,750,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,750,000	\$5,750,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,750,000	\$5,750,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Wyatt Road East of 7 Highway Right of Way

Project Number: ST-18

Project Type: Street Improvements

Unfunded Project Cost: \$900,000

Department: Public Works

Funding Source: Unfunded

Description: Acquisition of right-of-way for Wyatt Rd. east of 7 Hwy, once an alignment and road profile have been determined.

Justification: It may be more beneficial to improve Wyatt Rd to function as a major collector in regards to traffic management and access more available land for development within Blue Springs. It is anticipated this improvement would eventually access Buckner Tarsney.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000	\$900,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000	\$900,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

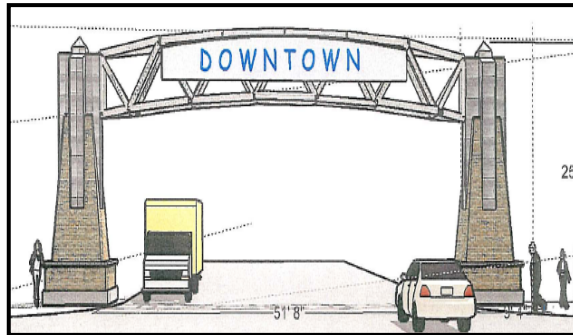
Project Title: Downtown Gateway Structures **Project Number:** ST-32

Project Type: Public Works **Unfunded Project Cost:** \$406,000

Department: Public Works **Funding Source:** Unfunded

Description: This project is one of the first phases designed to help with redevelopment of the downtown area in Blue Springs. The intersection of Highway 7 and Main Street is the eastern gateway into downtown Blue Springs. The downtown plan calls for two gateway features to draw people visually into downtown, but this request is for only one gateway feature at Highway 7 and Main. This project consists of the construction of two gateway monuments connected overhead with a steel structure. The vertical elements of the structure will be brick, stone or metal while the overhead structure is a welded steel frame. The structure will include all the necessary foundations and electrical work to provide night lighting. The height of the proposed structure would be 25 feet, 8 inches, and the structural cross arm will meet MoDot height requirements.

Justification: The downtown area will benefit immediately from this visual amenity, drawing people off of Highway 7 and bringing them into downtown. This gateway structure will also provide a civic "image" that we hope will enhance civic identity for our citizens and visitors from the metro area. As we host our public events residents and visitors will identify more closely with the community and our desire to create a unique gathering and living space. The gateway monument will lead people down our Main Street to other future amenities such as a new City Hall which is proposed in the newly adopted Master plan. We anticipate that infill and replacement housing will be developed creating a city center within the city. We hope to accomplish this through housing credits, tax incentives, and the future transit station. We currently have an estimated 600 living in our downtown area. Our recently adopted master plan has projected an additional 3,400 people in the next 15 years. Current daily traffic count is approximately 3,000 on Main Street and 36,250 on Missouri 7 Highway. As mentioned earlier several organizations coordinate and host events in the downtown annually, with the Fall Fun Fest bringing over 150,000 people in three days. These events bring thousands of people to our downtown and provide an opportunity for us to showcase downtown to our visitors and from the metro.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$406,000	\$406,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$406,000	\$406,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$406,000	\$406,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$406,000	\$406,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: South Outer Road Reconstruction **Project Number:** ST-33

Project Type: Street Construction **Unfunded Project Cost:** \$1,500,000

Department: Public Works **Funding Source:** Unfunded

Description: The reconstruction of South Outer Road from NW 19th Street to west of 22nd Streets to improve sight distance (approximately 1,500 lineal feet).

Justification: The line of sight for both of the intersections is less than optimal. The department requests funds to reduce the elevation of the road in both locations by approximately five feet, which will improve the line of sight.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000	\$175,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: MIP Ring Road Phase II **Project Number:** ST-47

Project Type: Road Construction **Unfunded Project Cost:** \$2,600,000

Department: Public Works **Funding Source:** Unfunded

Requested for Years: 2015-16 and 2016-17

Description: Construction of a three lane road from the end of Napoleon Drive Phase I (ST-45) to R.D. Mize Road. The road is approximately 1,700 feet long. A traffic signal may be required at Adams Dairy Parkway depending on the trip generation within the development.

Justification: This is the connecting piece of road from the end of Napoleon Phase I to R.D. Mize Road creating a ring road to open the development for expansion. The construction of the road is included in the purchase agreement for the property.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600,000	\$3,400,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600,000	\$3,400,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600,000	\$3,400,000
Total	\$800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,600,000	\$3,400,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: AA Highway Project **Project Number:** ST- 52

Project Type: Road Improvements **Unfunded Project Cost:** \$4,975,000

Department: Public Works **Funding Source:** Unfunded

Description: This project includes road improvements from Adams Dairy Parkway to the eastern city limits. Specifics of the project include road widening, profile safety corrections, new curb and gutter, accommodations for pedestrians and bicycles, and improvements to the traffic signal at AA Highway and Adams Dairy Parkway. Maintaining traffic during construction will be a significant challenge with this project.

Justification: This arterial roadway serves as an important connection between Blue Springs and Grain Valley. As traffic volumes are increasing along this corridor the need to improve the road has also increased. The proposed road improvements prepare the corridor for multimodal transportation, increased capacity, improved traffic operations, and increased safety for the traveling public.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000	\$425,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,100,000	\$4,100,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,975,000	\$4,975,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,975,000	\$4,975,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,975,000	\$4,975,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: AA Highway to ADP Right Turn Lane **Project Number:** ST-48

Project Type: Road Construction **Unfunded Project Cost:** \$850,000

Department: Public Works **Funding Source:** Unfunded

Description: Construction of a right turn lane from westbound AA Highway to northbound Adams Dairy Parkway. Modifications of the existing traffic signal along with the purchase of additional right of way will be required to facilitate construction.

Justification: As traffic volumes have increased along these two roadway corridors, turning movements have a determining effect on the safety and operation of the signalized intersection. Adding a right turn lane to separate thru from right turning movements will increase the capacity of the intersection by reducing delay and the number of stops for westbound vehicles.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000	\$13,000	
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73,000	\$73,000	
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$764,000	\$764,000	
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000	
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000	

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: ADP to Duncan Road Right Turn Lane **Project Number:** ST-49

Project Type: Road Construction **Unfunded Project Cost:** \$850,000

Department: Public Works **Funding Source:** Unfunded

Description: Construction of a right turn lane from Northbound Adams Dairy Parkway to eastbound Duncan Road. Modifications of the existing traffic signal along with the purchase of additional right of way will be required to facilitate construction.

Justification: As traffic volumes have increased along these two roadway corridors, turning movements have a determining effect on the safety and operation of the signalized intersection. Adding a right turn lane to separate thru from right turning movements will increase the capacity of the intersection by reducing delay and the number of stops for northbound vehicles.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,000	\$28,000
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,000	\$79,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$743,000	\$743,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$850,000	\$850,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Traffic Signal Fiber –RD Mize & ADP to Public Works Facility
Project Number: ST- 50

Project Type: Traffic Signal Enhancements
Unfunded Project Cost: \$257,400

Department: Public Works
Funding Source: Unfunded

Description: Installation of a fiber optic cable, conduit and associated equipment from R.D. Mize Road to the Public Works Facility at Sunnyside School Road and Walnut Street.

Justification: The dedicated fiber optic line will allow direct connection to the signals in the ADP corridor, negating the need for the Comcast internet connection currently used at \$2,400 per year. The dedicated fiber will also allow a direct connection to the KC Scout network when it is extended east along I-70. This connection will complete the network to include the signals on Woods Chapel Road.



Projected Six-Year Cost Schedule										
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000	
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$25,000	
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$212,400	\$212,400	
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$257,400	\$257,400	
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,400	\$2,400	
Projected Six-Year Funding Schedule										
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total	
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$257,400	\$257,400	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$257,400	\$257,400	

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Tyer Road Sanitary Sewer Phase II Design **Project Number:** SAN-18

Project Type: Sanitary Sewer **Unfunded Project Cost:** \$700,000

Department: Public Works **Funding Source:** Unfunded

Description: Design of the Extension of the City's sanitary sewer system east and north from the manhole at the end of Phase I (SAN-15 in red) in the draw on the north side of I-70 for a distance of approximately 1,400 linear feet terminating just north of the lot on the corner of NE Jefferson Street and Tyer Road denoted in green.

Justification: This improvement, once designed and completed, would facilitate the eventual development of the properties with I-70 frontage. There is a prior agreement with one of the property owners to contribute \$96,000 toward the project upon completion of Phases I and II. The City is contractually obligated to make this improvement.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Unfunded	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Unfunded	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

Project Title: Storm Water Master Plan **Project Number:** STM-08

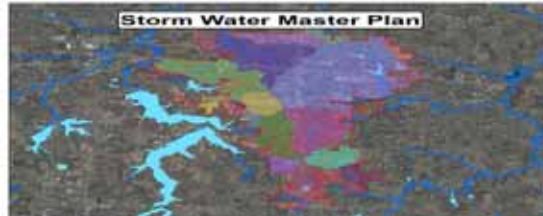
Project Type: Storm Water **Unfunded Project Cost:** \$450,000

Department: Public Works **Funding Source:** Unfunded

Requested for Years: 2015-16

Description: Develop a Storm Water Master Plan to provide the City of Blue Springs with an overall guiding document with the goals of reducing flooding dangers, protecting water quality, enhancing the environment, enhancing recreational opportunities, achieving long-term maintenance stability, and meeting Environmental Protection Agency storm water permitting requirements.

Justification: Over the years, a large investment has been made into the city's storm system. The system includes curbs, ditches, inlets, pipes, creeks, waterways, ponds, and lakes which continue to age without a dedicated source of funding in order for its maintenance. The City of Blue Springs has a municipal separate storm sewer system (MS4) permit. This permit was first acquired in 2003 and has been renewed every five years thereafter. The overall goal of the MS4 permitting system is to reduce the discharge of pollutants to the maximum extent practicable and prohibit illicit discharges into streams and creeks. The MS4 permit has six minimum control measures that the City of Blue Springs is required to work towards meeting, which include public education and outreach on storm water impacts, public involvement and participation, illicit discharge detection and elimination, construction site storm water runoff control, post construction storm water quality management, and good housekeeping practices for all municipal operations. An overarching plan is needed to model the storm sewer system and develop a list of capital projects to address current flooding issues; proactively forecast, evaluate, and manage storm water impacts from future development; meet storm water permit requirements; and address long-term maintenance issues in a systematic manner in the most economic and efficient manner possible.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Unfunded	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$450,000

CAPITAL IMPROVEMENTS PROGRAM

2016 - 2021

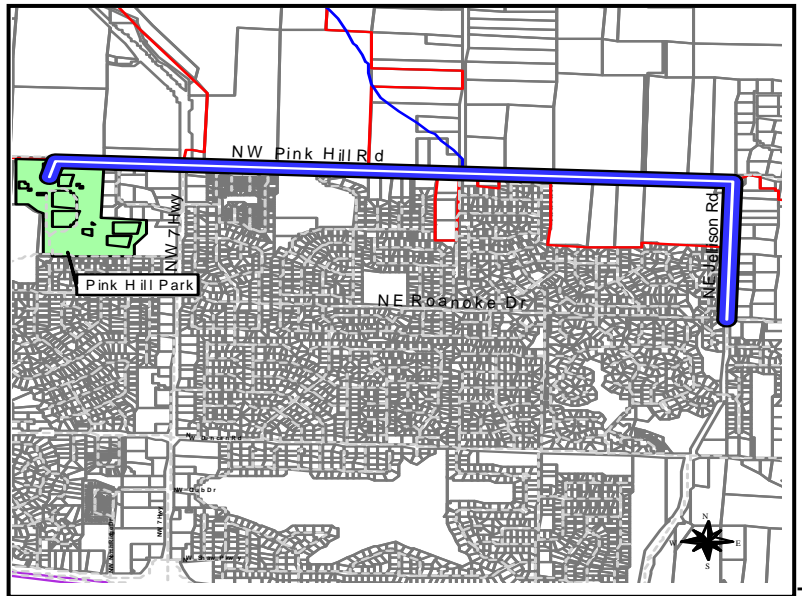
Project Title: Pink Hill Reservoir Feed Loop **Project Number:** WA-09
 Loop

Project Type: Water System Improvements **Unfunded Project Cost:** \$1,500,000

Department: Public Works **Funding Source:** Unfunded

Description: Approximately 14,000 feet of 16-inch ductile iron water main from Roanoke Drive to Pink Hill Road along Jellison Road and then west along Pink Hill Road to the water storage reservoir in Pink Hill Park.

Justification: The City would like to reevaluate this alternative based on receiving water from Tri-County at Jefferson St and NE 20th St.



Projected Six-Year Cost Schedule									
Cost Breakdown	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Landscape	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Contingency	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Op Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Projected Six-Year Funding Schedule									
Source	Prior	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Beyond	Total
Water Utility Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000