



Coffeyville

KANSAS

2015 - 2019 Capital Improvement Plan



May 27, 2014

To the Mayor James Falkner and City Commissioners:

I am pleased to submit the proposed 2015-2019 Capital Improvements Plan (CIP). The Capital Improvements Plan is the multi-year scheduling of public physical improvements. The CIP also acts as a public information document to advise residents and property owners of how the City plans to address significant capital needs over the next five years.

It is important to emphasize that the CIP is a flexible plan that can be altered as conditions, funding, priorities, and regulations change. With growing demands for project expenditures and a limited amount of Local, State, and Federal resources available, it has become increasingly difficult to predict the availability of future funding for capital projects. As the population in Coffeyville changes, so do the demands on City services. It is imperative that our organization plan the use of our limited dollars wisely to complete this plan and ultimately benefit all residents, businesses, and visitors of the City of Coffeyville.

The benefits of adopting a Capital Improvements Plan are as follows:

- Offer a vital link between the Comprehensive Plan and the actual construction of public improvements.
- Ensure that plans for community facilities and infrastructure are carried out.
- Improve scheduling of public improvements that require more than one year to construct.
- Provide an opportunity to acquire needed land before costs escalate.
- Provide an opportunity for long-range financial planning and management.
- Offer an opportunity for residents and businesses to participate in decisions that directly impact the future of Coffeyville.

The City of Coffeyville 2015-2019 Capital Improvements Plan provides general information about:

- Capital Improvements Overview
- Capital Improvement Process
- Modifying the CIP
- Capital Improvement Plan Implementation
- Capital Improvement Plan Funding
- Best Management Practices

Capital Improvement Plan Detailed Areas:

- Airport
- Internet Utility
- Electric Distribution
- Electric Generation
- Engineering
- Administration – Facilities
- Hillcrest Golf Course
- Public Service
- Stormwater
- Water Distribution
- Water Treatment
- Wastewater Collection

Each of the above Plan areas will contain the following details of each project:

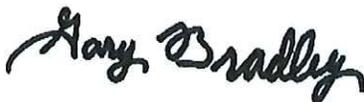
- Project Title
- Project Type
- Department
- Description
- Justification
- Projected 5-Year Cost Schedule
- Projected 5-Year Funding Schedule

Highlights contained in the 2015-2019 CIP include:

- Crack seal, mill, and overlay streets throughout the city
- Improve Stormwater drainage on city streets
- Increase internet bandwidth by running fiber optic cable to every CMLP customer
- Improve electric reliability throughout the system through upgrades to substations, transmission lines, conductors, and breakers
- Add LED lighting to Coffeyville street lights
- Facility improvements to the Youth Center, Library, Fire Station, City Hall/Police Station, and Perkins Building
- Upgrades to playground equipment city-wide
- Sidewalk replacement/improvement

Preparation of the CIP and the projects reflected in it are the result of considerable effort from City staff.

Respectfully submitted,



Gary Bradley
City Manager

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2015-2019 PROPOSED PROJECTS

PROJECT	PROJECT NAME	TOTAL
AIR-1	Runway 17-35 Drainage Improvements	\$ 334,693
AIR-2	Parallel Taxiway Extension	\$ 723,168
AIR-3	Taxiway #1 Extension	\$ 495,299
AIR-4	Runway 17-35 Overlay	\$ 1,421,416
CC-1	Fiber to the Home	\$ 4,025,000
ED-1	Substation B North Upgrade	\$ 3,300,000
ED-2	Santa Fe Line Upgrade	\$ 294,000
ED-3	D-Line (12kV) Rebuild	\$ 167,940
ED-4	69 kV A-Sub to PP Sub Re-Build	\$ 79,800
ED-5	Substation A – OCB 242 Replacement	\$ 75,000
ED-6	Highway 169/166 Corridor Lighting	\$ 152,600
ED-7	LED Street Lighting	\$ 690,000
ED-8	North Industrial Park Substation Upgrade	\$ 1,750,000
EG-1	New Generation	\$ 60,680,000
EG-2	Replace Turbine #7 Annunciator Panel	\$ 75,000
EG-3	Power Plant Roof	\$ 600,000
EG-4	Replace #7 Generator Exciter	\$ 175,000
EG-5	Replace Power Plant C-Bus Vacuum Breaker	\$ 175,000
ENG-1	Aviation Museum	\$ 68,240
F-01	James A Tyeska Youth Activity Center	\$ 1,277,290
F-02	Coffeyville Municipal Library	\$ 521,250
F-03	Coffeyville City Hall	\$ 5,473,450
F-04	Coffeyville Fire Station	\$ 1,180,600
F-05	Perkins Building	\$ 306,900
PS-1	Playground Equipment	\$ 226,800
PS-2	Annual Surface Seal Project	\$ 5,300,000
PS-3	ADA Project	\$ 300,000
PS-4	Annual Crack Seal Project	\$ 600,000
PS-5	Curb and Gutter Project	\$ 600,000
PS-6	Intersection Drainage Project	\$ 2,859,042
PS-7	Sidewalk Project	\$ 550,000
PS-8	2014-2015 KLINK	\$ 1,037,216
PS-9	Street Reconstruction & Overlay	\$ 786,386
PS-10	Pfister Park Fountain Renovation	\$ 75,281

PS-11	2015 Geometric Improvement	\$ 537,881
PS-12	2016 KLINK	\$ 339,315
PS-13	2017 KLINK	\$ 339,315
PS-14	9 th St. Mill & Overlay Project	\$ 876,822
PS-15	2017 Geometric Improvement	\$ 501,089
PS-16	2018 Geometric Improvement	\$ 865,248
PS-17	2018-2019 KLINK	\$ 936,321
PS-18	2020 KLINK	\$ 401,919
PS-19	2019 Geometric Improvement	\$ 739,996
SW-1	Drainage Ditch Clearing	\$ 88,000
SW-2	11 th St. Inlet Replacement	\$ 235,200
SW-3	Westwood System Upgrade	\$ 35,582
SW-4	11 th & Cedar System Upgrade	\$ 130,975
SW-5	11 th & Ellsworth System Upgrade	\$ 192,052
SW-6	Warwick & Midland System Upgrade	\$ 102,078
SW-7	South Walnut System Upgrade	\$ 155,189
SW-8	8 th & Edgewood Drive Upgrade	\$ 75,934
SW-9	Parkway & Edgewood System Upgrade	\$ 123,281
SW-10	Edgevale & Prairie Ln System Upgrade 1	\$ 117,915
VRL-1	12 th Street Levee Culvert Improvements	\$ 28,398
VRL-2	Levee Ditch Clearing and Tree Removal	\$ 41,250
VRL-3	Rock Top of Levee	\$ 62,475
WD-1	Water Main Replacement, West 1 st St.	\$ 103,550
WD-2	Water Main Replacement, West 4 th St.	\$ 103,550
WD-3	Water Main Replacement, West 9 th St.	\$ 163,500
WD-4	Water Main Replacement, 14 th St.	\$ 305,200
WD-5	Water Main Replacement, West 10 th St.	\$ 550,000
WD-6	Water Main Replacement on W. 1 st between Central & Buckeye	\$ 203,500
WD-7	Water Main Replacement Old Highway 169	\$ 275,000
WD-8	Water Main Replacement on South Walnut	\$ 395,375
WT-1	Water Treatment CL2 Station	\$ 232,000
WT-2	Water Treatment Feeder Mains	\$ 366,960
WWC-1	Asbury Village Lift Station Renovation	\$ 44,000
WWC-2	Sanitary Sewer Replacement, Beech St.	\$ 168,000
WWC-3	Sanitary Sewer Replacement, N. Buckeye St.	\$ 151,500
WWC-4	Sanitary Sewer Replacement, Hickman St.	\$ 264,000
WWC-5	Amazon Lift Station Replacement	\$ 242,500
	TOTAL	\$ 106,734,962

CAPITAL IMPROVEMENTS OVERVIEW

A Capital Improvement Plan (CIP) is a major financial and public infrastructure planning tool for municipalities which links the City's comprehensive plan, various master plans, annual budget, and five-year financial forecast. This portfolio of planned projects provides an established project schedule, financing options, a statement of City policies, and a statement of the City's financial abilities to manage the physical development of the community over the next five years. Through the presentation of the identified projects combined with funding availability, the CIP presents a systematic plan for providing the needed improvements within a prioritized framework.

The proposed five year CIP for the City of Coffeyville sets the general schedule for which public improvements are proposed to be undertaken given the current circumstances. A CIP is not a static document, but rather, a fluid document that can be changed as the infrastructure requirements change, development occurs, and funding opportunities become available. Estimates provided in the individual project sheets are based on previous work experience, project bids, and historical data. However, these numbers are always subject to change as bids and projects are completed, and savings are factored into the project cost.

The CIP includes projects that are fully or partially funded. Some projects that relate to capital improvements may come out of the same budget sources but are not included in the CIP. The five year plan represents projects that are proposed for funding at this time based on the revenue projections but may change as priorities and available funding are updated. As new projects are identified and new revenues become available, projects are added to the annual prioritized funding schedule. Additionally, the City prepares an estimated operating and maintenance cost of the proposed improvements to be funded.

There are several benefits that can be derived from developing and adopting a CIP. It can provide valuable information to citizens, developers, and businesses that are interested in the development of the community. The CIP will provide a long range financial planning and management tool for the Mayor, City Commission, and City Staff. It will also help with the coordination of projects and timely planning for future developments.

Lastly, a CIP reflects the community's assets, needs and goals. A CIP is also an extension of the various projects and plans undertaken by the City. It will provide guidelines for growth and development in the community.

CAPITAL IMPROVEMENT PROCESS

Definition

A capital improvement is a necessary or desirable project that supports or improves infrastructure or facilities and enhances the City's ability to provide safe and necessary services for the benefit of our community and the future of the City of Coffeyville. These projects directly affect the way residents, businesses, and visitors live, travel and conduct business within our community. A Capital Project is defined as a project or asset with a minimum total cost of \$50,000, resulting in 1) the creation of a new fixed asset; or 2) enhancement to an existing fixed asset with a life expectancy of at least 20 years. Examples include construction or expansion of buildings, new storm and sanitary sewers, water line upgrades and extensions, the acquisition of land for public use, planning and engineering costs, and street construction.

The projects included in this plan have been ranked by staff and reviewed by the Planning and Zoning Commission for consistency with the comprehensive plan and, if appropriate, submits the preliminary plan to the City Commission for consideration. The City Commission can either accept the plan with or without amendments, or can reject it. Thus the CIP becomes an essential guide to basic community improvements.

Identification

The need for capital improvements may be identified by an appropriate master plan, by changes within the community, or by regulatory legislation. Planned and coordinated capital improvement project identification provides the ability to change the appearance and make the community more desirable to existing and potential residents, businesses and visitors. Projects are prioritized based on many factors including their critical necessity, effect on property values, city growth or redevelopment, and the overall health, safety, and welfare of the residents, businesses, and visitors.

Creation

When a capital improvement has been identified, the project manager defines the scope of the project and prepares a preliminary cost estimate for the design and acquisition of property, if applicable, and construction of the project. These cost estimates are general in nature and are prepared using preliminary engineering information, project bids, or historical cost data. Each phase of the project will be placed on the CIP and the City will budget funds accordingly.

MODIFYING THE CIP

The proposed five year CIP for the City of Coffeyville is a fluid document that can be changed as the infrastructure requirements change, development occurs, and funding opportunities become available. Additionally, changing needs and priorities, emergencies, cost changes, mandates, and changes in technology may require the CIP to be updated. As new projects are identified and new revenues become available, projects are added to the annual prioritized funding schedule.

CAPITAL IMPROVEMENTS PLAN IMPLEMENTATION

Funding Projects

When a project on the CIP schedule is funded, the assigned Project Manager will assume oversight responsibilities. This section will highlight the fundamentals of project management. The first phase is to secure professional engineering, architectural, or planning services or move forward with in-house design services to define the exact scope, detail and cost of a project. The second phase is the actual design of the project. With the exception of small, easily defined projects, these phases typically occur over a two year period. This allows for funding to be identified and authorized for the actual construction of a project with fairly accurate engineering cost estimates developed through the design process.

Design

The assigned project manager will negotiate a services contract for the design of a defined project unless the project is to be designed in-house. As outlined by the City's approved Procurement Policy, architectural and engineering services contracts are awarded to firms strictly based on the firms qualifications and expertise to perform the work. The selected consultant then submits a schedule of total hours and a scope of services needed to complete the design of the project.

Upon award of a design contract, the selected consultant or in-house design team completes a set of preliminary design plans and submits these plans to the assigned project manager. After reviewing the preliminary design, the engineering, architectural, or planning firm or in-house design team develops any needed documents regarding the project. The legal descriptions and related documents are transmitted to the City Attorney for all land, right of way and easement acquisitions necessary before proceeding with the project. The consultant or in-house design team will complete the general conditions and requirements documentation and any remaining technical specification, and then delivers to the City a complete package ready to advertise for construction services. The project is advertised when all acquisitions are complete.

Advertisement & Award

The project is advertised for periods of no less than ten days, depending on the complexity of the project. Each contractor must submit with their bid a bid bond equal to five (5) percent of the contract value and certification of compliance with wage regulations. If a project utilizes Federal funds, all labor by contractors must be paid at prevailing wage rates. When the contract is awarded, the contractor must provide performance and payment bonds, which guarantee the acceptable completion of the project and payment of subcontractors and suppliers.

The majority of construction projects managed by the City are unit price contracts, which define a quantity of product at a specific per unit cost. A minority of projects may result in lump sum contracts for the construction of a structure or new facility.

Schedule

The project scope defines a construction duration period from the time a "Notice to Proceed" is issued to the point of substantial completion and final completion. The assigned Project Manager will confer with the contractor to assign a construction schedule to define the development of the

project within the contracted time. Consideration is given to the project scope, seasonal issues, procurement schedules, job complexity and other items, in the development of a project schedule. The assessment of liquidated damages is included in construction contracts for failure to meet substantial and final completion dates.

Payments

As construction of the project proceeds, the contractor will submit an application for monthly payment to the assigned Project Manager based upon the estimated percent of project completion. The Project Manager and consulting engineering firm evaluate the progress and approve an appropriate payment. A percent retainage fee (typically 10 percent) is withheld to assure all tasks are completed before final payment is made.

Change

When something occurs to change the scope of the construction project the contractor will request a change order. A change order is an amendment to the original contract which details the scope and cost of the change. All change orders are processed in accordance with the City's adopted Procurement Policy.

Substantial Completion

When the contractor has delivered a usable product to the community, a request for payment for substantial completion will be made. At this time, a comprehensive inspection is performed by City staff or the engineering consultant and a punch list of outstanding items is prepared. Upon acceptance of substantial completion, the contractor will be fully paid for all work completed on the project less the 10% retainage held back until final acceptance. The punch list items and all deficiencies must be completed before final acceptance of the project, and final payment is approved and made.

Final Acceptance

Final acceptance is realized when the contractor has completed all punch list items and deficiencies, submitted all lien releases, and has provided the City with a maintenance bond (usually one to two years from final acceptance) to cover labor material expenses through this warranty period. At the same time, the resident inspector initiates the completion of "as built" drawings prepared from field records. These records will be delivered to the City.

Any un-spent moneys authorized for a project will be returned to the budgeted fund for reallocation on future projects.

CAPITAL IMPROVEMENT PLAN FUNDING

A large component of developing the CIP focuses on the balancing of available resources with the identified budget needs. The process involves reviewing all funding sources used for various capital improvements each year. Consideration must be given to legal limitations of debt capacity, as well as the impact of debt issuance on tax rates, and user charges. Financial analysis utilizes staff projections of future bond sales, interest rates, population change, and increases in assessed valuation, user fees, and other variables.

The following is a list of existing funding sources and definitions for each:

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. These include the general governmental service such as general administration, municipal court, engineering, planning, public safety, and public works. It can be and is used to provide funds for programs and projects where shortfalls exist.

Capital Improvements Fund

The Capital Improvements Fund is used for City facility improvements including renovation of the James A. Tyeska Youth Activity Center, Coffeyville Municipal Library, Perkins Building, City Hall/Police Station and Fire Station. The main source of revenue for this fund is 70% of a voter approved ½ cent capital improvement sales tax which expires in 2014. This sales tax has been renewed through 2029 and will be used to pay the debt service through the G.O. Bond Fund.

Water/Wastewater Depreciation/Replacement Fund

The Water/Wastewater Depreciation/Replacement Fund covers all capital improvements to the water and wastewater systems which provide water and wastewater service to the residents and businesses in Coffeyville. The main sources of revenue for the Water/Wastewater Depreciation/Replacement Fund come from:

- Rates and User Fees
- Tap Fees
- Impact Fees

Stormwater Depreciation/Replacement Fund

The Stormwater Depreciation/Replacement Fund covers capital improvements expenses related to the effective routing of Stormwater/runoff in Coffeyville. The main source of revenue for the Stormwater Depreciation/Replacement Fund comes from Stormwater Utility User Fees.

Transportation Fund

The Transportation Fund is used for capital improvement projects related to streets, alleys and sidewalks. The main sources of revenue for this fund include a ½ cent transportation sales tax which expires at the end of 2023 and a ½ cent non-highway transportation sales tax which expires March 31, 2015. All projects dependent upon non-highway sales tax funds are contingent upon renewal of this tax by the voters.

Coffeyville Municipal Light & Power Depreciation/Replacement Fund (CMLP D/R)

The CMLP D/R Fund covers all expenses related to providing municipal power to the residents and businesses in Coffeyville. These funds are set aside in each annual budget for repairs and maintenance of all municipal power and electricity generation systems in the city. The main sources of revenue for the CMLP D/R Fund come from:

- Rates and User Fees
- Capacity Purchase Payments (from Grand River Dam Authority (GRDA))
- Impact Fees
- Tap Fees

Airport Special Projects Fund (ASPF)

The Airport Special Projects Fund is used for capital improvements at the Coffeyville Municipal Airport. These projects are related to runways, taxiways, hangars and airport facilities. Funding has historically come from land sales, oil and gas leases and federal and state aviation grants.

G.O. Bond Fund

The City is authorized to issue General Obligation Bonds payable from ad valorem taxes to finance capital improvement and equipment upon a majority vote of qualified voters. Unless exempted by state statute, the Kansas Constitution permits the City to incur general obligation indebtedness for general purposes not to exceed 30 percent of the assessed valuation of taxable tangible property. In 2012, voters approved a ½ cent sales tax to fund capital improvements to the James A. Tyeska Youth Activity Center, Coffeyville Municipal Library, City Hall/Police Station, Fire Station, and the historical Perkins Building. The main source of revenue for this fund is G.O. bond proceeds scheduled to be issued in 2014.

Revenue Bonds

Revenue bonds are municipal bonds that finance income-producing projects and are secured by a specified revenue source. This type of financing is for projects that will generate revenue that will repay the bond over a specific period of time. In the 2015-2019 CIP, the Internet Utility department will utilize this funding source to upgrade from a wireless infrastructure to fiber optic infrastructure. These bonds will be issued in early 2015. The electric distribution department will also be utilizing this funding source to provide new generation at the city power plant. These bonds will also be issued in 2015.

Alternative Funding Sources

Coffeyville Resources Nitrogen Fertilizer Reimbursement Fund (CRNF)

Per the terms of the restated electric service contract with CRNF, CRNF is responsible for infrastructure that is necessary and proper to provide reliable power to their facility. The City is responsible for engineering and procurement and is reimbursed the full amount of the project costs by CRNF after the project is complete.

Owner Match/Special Assessment (OM/SA)

Although it is the landowner's responsibility to maintain the sidewalks adjacent to their property, that code has not been enforced for many years. In order to start enforcing sidewalk

maintenance City staff is proposing to develop a cost-share program with the property owners to replace the sidewalks and bring them up to City standards as well as ADA Compliance. The proposal is to perform the sidewalk replacement in full block increments, including ADA ramps at the intersections. Funding would be a 50/50 cost share paid from the City Transportation fund and the owner. Owner financing can be provided through a special assessment on their property tax statement. Participation guidelines are being developed by City staff in consultation with the City Attorney.

Tax Increment Financing (TIF)

Tax Increment Financing is a tool which pledges future gains in taxes to finance the current improvements which will result in those gains. TIF is designed to channel funding toward improvements in areas where development/redevelopment may not otherwise occur. When an area is developed or redeveloped, there is an increase in the value of the property. The increased site value and investment creates more taxable property, which increases tax revenues. The increased tax revenues are the "tax increment." TIFs pledge the future increased revenue for repayment of eligible costs associated with the improvements.

In Kansas, a TIF Project must be located within a "redevelopment district," which may be established by a city in: (1) Blighted Areas; (2) Conservation Areas; (3) Enterprise Zones; (4) Major Tourism Areas; (5) Major Commercial Entertainment and Tourism Areas; and (6) Bioscience Development Areas. TIF districts do not result in increased property tax rates or increased sales tax rates. Projects may be funded by the use of special obligation bonds or on a pay-as-you-go basis. There are currently no TIF's that have been approved for current projects; however, this fund is a potential program that could be used for projects that might arise in the next five years.

Transportation Development Districts (TDD)

A TDD enables an additional sales tax or a property tax special assessment to be charged within the district. The proceeds from this additional tax or assessment are to be used for repayment of TDD eligible project costs. According to Kansas law, a TDD tax or special assessment can only be used on costs that are for transportation related projects or infrastructure. This may include roads, traffic signals, parking lots, sidewalks, and related utility relocation. Projects may be funded by the use of special obligation bonds or on a pay-as-you-go basis. There are currently no TDD's that have been approved for current projects; however, this fund is a potential program that could be used for projects that might arise in the next five years.

Special Grants from Federal or State Programs

Grants may be received from the federal, state, and county governments. Grants are available for airport improvements, storm water, roads, sewers, parks and public safety equipment. Currently, several airport improvements have identified an FAA Grants to provide funding for airport related projects. Transportation Grants have also been identified through the Kansas Department of Transportation to aid in the KLINK projects, Geometric Improvements projects, and other Mill and Overlay projects in Coffeyville.

Federal Community Development Block Grant (CDBG)

The Community Development Block Grant Program (CDBG) offers grants to Kansas Communities to improve local facilities, address health and safety concerns, and develop a

greater capacity for growth. Funds are available for Water, Wastewater, Community Facilities, Storm Water, and Transportation. There are no CDBG Grants approved for current projects, however, this fund is a potential program that could be used for projects that might arise in the next five years.

Community Improvement District (CID)

Similar to TDDs, CIDs allow an additional sales tax or a special assessment to be charged within the district. The proceeds from this additional tax or assessment are used to finance CID eligible project costs. According to Kansas law, a CID tax or special assessment can be used to fund capital improvements, infrastructure, and certain operational costs. Projects may be funded by the use of special obligation bonds, full faith and credit bonds, or on a pay-as-you-go basis. There are no CID's approved for current projects, however, this is a potential program that could be used for projects that might arise in the next five years.

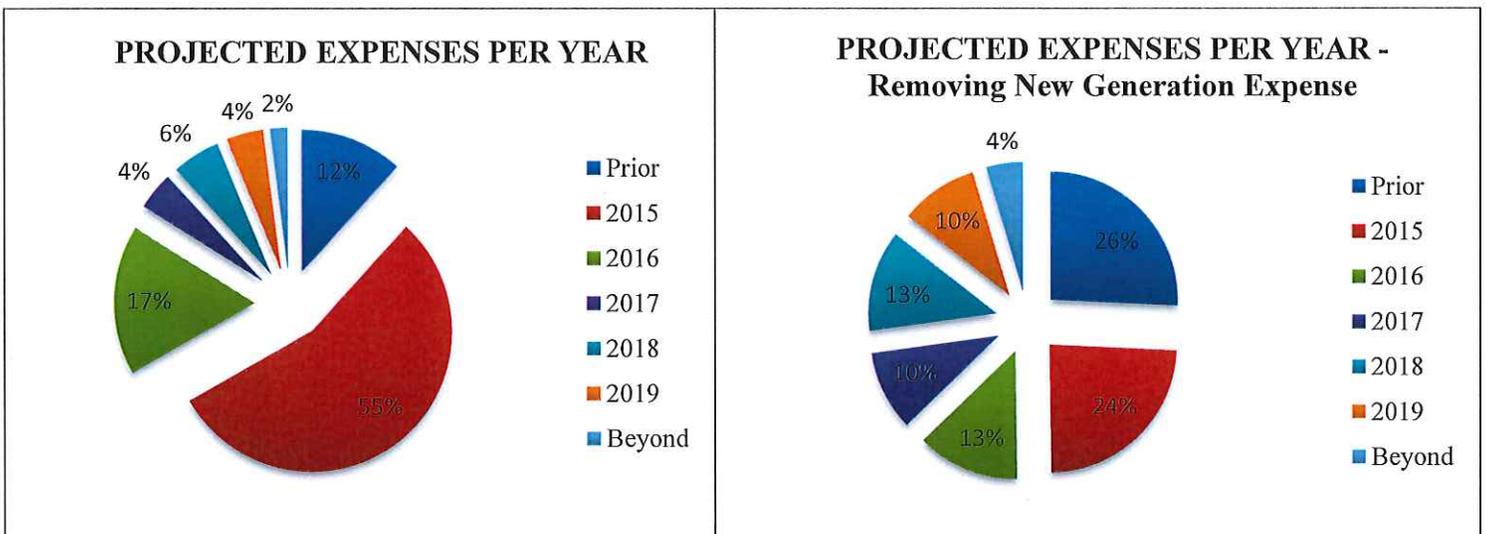
CAPITAL IMPROVEMENT FUNDING

The 2015-2019 CIP reflects the City’s anticipated projects. The plan must be continually monitored to determine if revenues and expenditures meet or exceed expectations. If revenues do not occur at expected levels, projects will be postponed or cut back. Below is a list of funding sources for projects over this five-year period:

PROJECTED 5-YEAR FUNDING SCHEDULE

Fund	Prior	2015	2016	2017	2018	2019	Beyond	Total
Capital Improvements Fund	\$6,231,265	\$2,528,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,759,490
Grants	\$ 745,684	\$ 696,383	\$1,180,383	\$1,074,340	\$1,081,320	\$1,991,775	\$ -	\$ 6,769,885
Transportation Fund	\$2,657,605	\$1,766,812	\$2,081,362	\$1,599,632	\$2,037,341	\$1,748,754	\$1,180,000	\$ 13,071,506
Revenue Bonds	\$ 0	\$61,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$ 0	\$ 0	\$ 64,000,000
General Fund	\$ 0	\$ 62,800	\$ 37,800	\$ 37,800	\$ 37,800	\$ 37,800	\$ 37,800	\$ 251,800
Airport Special Projects Fund	\$ 33,469	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 33,469
Coffeyville Resources Nitrogen Fertilizer Reimbursement Fund	\$ 888,000	\$ 2,412,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,300,000
Coffeyville Municipal Light & Power Depreciation/Replacement Fund	\$1,096,134	\$ 1,671,245	\$1,179,241	\$ 391,260	\$ 316,460	\$ 130,000	\$ 130,000	\$ 4,914,340
Owner Match/Special Assessment Fund	\$ 0	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 0	\$ 250,000
Stormwater Depreciation/Replacement Fund	\$ 126,444	\$ 142,568	\$ 196,974	\$ 112,159	\$ 163,546	\$ 183,783	\$ 95,532	\$ 1,021,006
Water/Wastewater Depreciation/Replacement Fund	\$ 469,100	\$ 569,460	\$ 168,000	\$ 464,700	\$ 984,500	\$ 242,500	\$ 670,375	\$ 3,568,635
Unidentified Funds	\$ 277,348	\$ 172,488	\$ 70,038	\$ 112,817	\$ 11,845	\$ 130,296	\$ -	\$ 774,832
Total								\$106,714,962

PROJECTED FUNDING PER YEAR



PROJECTED FIVE-YEAR COST SCHEDULE

Over the past few months, staff has worked diligently to establish the cost estimates listed in the table below. These estimates are based upon historical construction data, preliminary engineering and architectural estimates, and contracts that are already in place that have established costs associated with specific projects.

Project No.	Project Name	Prior	2015	2016	2017	2018	2019	Beyond	Total
AIR-1	Runway 17-35 Drainage Improvements	\$ 334,693	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 334,693
AIR-2	Parallel Taxiway Extension	\$ -	\$ 72,317	\$ 650,851	\$ -	\$ -	\$ -	\$ -	\$ 723,168
AIR-3	Taxiway #1 Extension	\$ -	\$ -	\$ 49,530	\$ 445,769	\$ -	\$ -	\$ -	\$ 495,299
AIR-4	Runway 17-35 Overlay	\$ -	\$ -	\$ -	\$ -	\$ 118,451	\$ 1,302,965	\$ -	\$ 1,421,416
Airport Improvements Subtotal		\$ 334,693	\$ 72,317	\$ 700,381	\$ 445,769	\$ 118,451	\$ 1,302,965	\$ -	\$ 2,974,576
CC-1	Fiber to the Home	\$ -	\$ 1,025,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 4,025,000
Internet Utility		\$ -	\$ 1,025,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 4,025,000
ED-1	Substation B North Upgrade	\$ 888,000	\$ 2,412,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,300,000
ED-2	Santa Fe Line Upgrade	\$ 294,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 294,000
ED-3	D-Line (12kV) Rebuild	\$ 44,534	\$ 21,245	\$ 29,241	\$ 36,460	\$ 36,460	\$ -	\$ -	\$ 167,940
ED-4	69kV A-Sub to PP Sub Re-Build	\$ -	\$ -	\$ 25,000	\$ 54,800	\$ -	\$ -	\$ -	\$ 79,800
ED-5	Substation A - OCB 242 Replacement	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
ED-6	Highway 169/166 Corridor Lighting	\$ 2,600	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,600
ED-7	LED Street Lighting	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 690,000
ED-8	North Industrial Park Substation Upgrade	\$ -	\$ 925,000	\$ 825,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000
Electric Distribution Subtotal:		\$ 1,229,134	\$ 3,583,245	\$ 1,029,241	\$ 241,260	\$ 166,460	\$ 130,000	\$ 130,000	\$ 6,509,340
EG-1	New Generation	\$ 680,000	\$ 47,650,566	\$ 12,349,434	\$ -	\$ -	\$ -	\$ -	\$ 60,680,000
EG-2	Replace Turbine #7 Annunciator Panel	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000
EG-3	Power Plant Roof	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 600,000
EG-4	Replace Unit 7 Generator Exciter	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000
EG-5	Replace Power Plant C-Bus Breaker	\$ -	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000
Electric Generation Subtotal:		\$ 755,000	\$ 48,150,566	\$ 12,499,434	\$ 150,000	\$ 150,000	\$ -	\$ -	\$ 61,705,000
ENG-1	Aviation Museum	\$ -	\$ -	\$ -	\$ 68,240	\$ -	\$ -	\$ -	\$ 68,240
Engineering Subtotal		\$ -	\$ 20,000	\$ -	\$ 68,240	\$ -	\$ -	\$ -	\$ 88,240
F-01	James A Tyeska Youth Activity Center	\$ 1,277,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,277,000
F-02	Coffeyville Municipal Library	\$ 521,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 521,250
F-03	Coffeyville City Hall	\$ 2,945,225	\$ 2,528,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,473,450
F-04	Coffeyville Fire Station	\$ 1,180,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,180,600
F-05	Perkins Building	\$ 306,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 306,900
Facilities - Administration Subtotal		\$ 6,231,265	\$ 2,528,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,759,490
PS-1	Play Grounds	\$ -	\$ 37,800	\$ 37,800	\$ 37,800	\$ 37,800	\$ 37,800	\$ 37,800	\$ 226,800
PS-2	Annual Surface Seal Project	\$ 700,000	\$ 700,000	\$ 780,000	\$ 780,000	\$ 780,000	\$ 780,000	\$ 780,000	\$ 5,300,000
PS-3	ADA Project	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 300,000
PS-4	Annual Crack Seal Project	\$ -	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 600,000
PS-5	Curb and Gutter Project	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 600,000
PS-6	Intersection Drainage Project	\$ 459,042	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,859,042
PS-7	Sidewalk Project	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 550,000
PS-8	2014-2015 KLINK	\$ 1,037,216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,037,216
PS-9	Union St. Reconstruct and Overlay	\$ 786,386	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 786,386
PS-10	Pfister Park Fountain Renovation	\$ -	\$ 75,281	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,281
PS-11	2015 Geometric Improvement	\$ 49,400	\$ 488,481	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 537,881
PS-12	2016 KLINK	\$ 26,299	\$ 313,016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339,315
PS-13	2017 KLINK	\$ -	\$ 26,299	\$ 313,016	\$ -	\$ -	\$ -	\$ -	\$ 339,315
PS-14	9 th St. Mill & Overlay Project	\$ -	\$ 70,303	\$ 806,509	\$ -	\$ -	\$ -	\$ -	\$ 876,822
PS-15	2017 Geometric Improvement	\$ -	\$ -	\$ 31,875	\$ 469,214	\$ -	\$ -	\$ -	\$ 501,089
PS-16	2018 Geometric Improvement	\$ -	\$ -	\$ -	\$ 56,506	\$ 808,742	\$ -	\$ -	\$ 865,248
PS-17	2018-2019 KLINK	\$ -	\$ -	\$ -	\$ 67,060	\$ 869,261	\$ -	\$ -	\$ 936,321
PS-18	2020 KLINK	\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 399,919	\$ -	\$ 401,919
PS-19	2019 Geometric Improvement	\$ -	\$ -	\$ -	\$ -	\$ 52,055	\$ 687,940	\$ -	\$ 739,996
Public Service Subtotal		\$ 3,102,065	\$ 2,561,190	\$ 2,719,200	\$ 2,160,580	\$ 3,299,858	\$ 2,655,659	\$ 1,217,800	\$ 17,716,352

Project No.	Project Name	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW-1	Drainage Ditch Clearing	\$ 66,000	\$ -	\$ 22,000	\$ -	\$ -	\$ -	\$ -	\$ 88,000
SW-2	11th St. Inlet Replacement	\$ 235,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 235,200
SW-3	Westwood System Upgrade	\$ 35,582	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,582
SW-4	11th & Cedar System Upgrade	\$ 24,862	\$ 106,113	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130,975
SW-5	11th & Ellsworth System Upgrade	\$ -	\$ 36,455	\$ 155,597	\$ -	\$ -	\$ -	\$ -	\$ 192,052
SW-6	Midland and Warwick System Upgrade	\$ -	\$ -	\$ 19,377	\$ 82,701	\$ -	\$ -	\$ -	\$ 102,078
SW-7	South Walnut System Upgrade	\$ -	\$ -	\$ -	\$ 16,627	\$ 125,731	\$ -	\$ -	\$ 155,189
SW-8	8th & Edgewood System Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 14,414	\$ 61,520	\$ -	\$ 75,934
SW-9	Parkway & Edgewood System Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 23,401	\$ 99,880	\$ -	\$ 123,281
SW-10	Edgevale & Prairie Ln System Upgrade 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,383	\$ 95,532	\$ 117,915
Stormwater Subtotal		\$ 361,644	\$ 142,568	\$ 196,974	\$ 112,159	\$ 155,189	\$ 199,215	\$ 117,915	\$ 1,266,706
VRL-1	12th St Levee Culvert Improvements	\$ 28,398	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,398
VRL-2	Levee Ditch Clearing and Tree Removal	\$ 13,750	\$ 27,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,250
VRL-3	Rock the Top of the Levee	\$ -	\$ 62,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,475
Levee Improvement Subtotal:		\$ 42,148	\$ 89,975	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132,123
WD-1	Water Main Replacement, West 1st St.	\$ 103,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 103,550
WD-2	Water Main Replacement, 4th St	\$ 103,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 103,550
WD-3	Water Main Replacement, West 9th St.	\$ -	\$ 163,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 163,500
WD-4	Water Main Replacement, 14th St.	\$ -	\$ -	\$ -	\$ 305,200	\$ -	\$ -	\$ -	\$ 305,200
WD-5	Water Main Replacement W. 10th St.	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ -	\$ -	\$ 550,000
WD-6	Water Main Replacement, W. 1st St.	\$ -	\$ -	\$ -	\$ -	\$ 203,500	\$ -	\$ -	\$ 203,500
WD-7	Water Main Replacement, Old Highway 169	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,000	\$ 275,000
WD-8	Water Main Replacement, S. Walnut	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 375,375	\$ 395,375
Water Distribution Subtotal:		\$ 207,100	\$ 163,500	\$ -	\$ 305,200	\$ 753,500	\$ -	\$ 670,375	\$ 2,099,675
WT-1	Water Treatment CL2 Station	\$ 232,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 232,000
WT-2	Water Treatment Feeder Mains	\$ 30,000	\$ 336,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 366,960
Water Treatment Plant Subtotal		\$ 262,000	\$ 336,960	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 598,960
WWC-1	Asbury Village	\$ -	\$ 44,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 44,000
WWC-2	Sanitary Sewer Replacement, Beech St.	\$ -	\$ 25,000	\$ 143,000	\$ -	\$ -	\$ -	\$ -	\$ 168,000
WWC-3	Sanitary Sewer Replacement, N. Buckeye St.	\$ -	\$ -	\$ 25,000	\$ 126,500	\$ -	\$ -	\$ -	\$ 151,500
WWC-4	Sanitary Sewer Replacement, Hickman St.	\$ -	\$ -	\$ -	\$ 33,000	\$ 231,000	\$ -	\$ -	\$ 264,000
WWC-5	Amazon Lift Station	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 192,500	\$ -	\$ 242,500
Waste Water Collection Subtotal:		\$ -	\$ 69,000	\$ 168,000	\$ 159,500	\$ 231,000	\$ 242,500	\$ -	\$ 870,000
TOTAL		\$12,525,049	\$58,722,546	\$18,313,230	\$4,642,708	\$5,882,815	\$4,514,907	\$2,113,707	\$106,714,962

CIP IMPACT ON THE OPERATING BUDGET

The City of Coffeyville's operating budget can be summarized as the maintenance, operations, salaries, and interest payments which provide ongoing services to citizens. As Capital Improvement Projects are completed, operation and maintenance of these facilities must be absorbed in the operating budget. These operating costs, which may include additional staff, are adjusted annually to accommodate growth and inflation in maintaining or improving service levels. It is the City of Coffeyville's philosophy that new projects should not be constructed if operating revenues are unavailable to cover the operating costs. These must be funded with recurring (ongoing) revenues. As a result, the availability of recurring revenues must be considered prior to scheduling the various projects in the plan.

To ensure that the City of Coffeyville is a steward of taxpayer dollars, the City will utilize a variety of funding sources to complete these projects. If eligible, some of these revenue sources may come from State or Federal Grant programs. Currently there are 16 projects that have identified grant funding as a likely revenue source for project completion. These are listed in the table below.

Project Number	Project Name	Prior	2015	2016	2017	2018	2019	Total Cost	FAA Grant	KDOT Grants
AIR-1	Runway 17-35 Drainage Improvements	\$ 334,693						\$ 334,693	\$ 301,224	
AIR-2	Parallel Taxiway Extension		\$ 72,317	\$ 650,851				\$ 723,168	\$ 650,851	
AIR-3	Taxiway #1 Extension			\$ 49,530	\$ 445,769			\$ 495,299	\$ 445,769	
AIR-4	Runway 17-35 Overlay					\$ 118,451	\$ 1,302,965	\$ 1,421,416	\$ 1,279,275	
Airport Improvements Subtotal		\$ 334,693	\$ 72,317	\$ 700,381	\$ 445,769	\$ 118,451	\$ 1,302,965	\$ 2,974,576	\$ 2,677,119	\$ -
PS-8	2014-2015 KLINK	\$ 1,037,216						\$ 1,037,216		\$ 400,000
PS-11	2015 Geometric Improvement	\$ 49,400	\$ 488,481					\$ 537,881		\$ 484,093
PS-12	2016 KLINK	\$ 26,299	\$ 313,016					\$ 339,315		\$ 156,508
PS-13	2017 KLINK		\$ 26,299	\$ 313,016				\$ 339,315		\$ 156,508
PS-14	Mill & Overlay Project		\$ 450,000	\$ 450,000				\$ 900,000		\$ 400,000
PS-15	2017 Geometric Improvement			\$ 31,875	\$ 469,214			\$ 501,089		\$ 450,980
PS-16	2018 Geometric Improvement				\$ 56,506	\$ 808,742		\$ 865,248		\$ 778,723
PS-17	2018-2019 KLINK				\$ 267,060	\$ 669,261		\$ 936,321		\$ 400,000
PS-18	2020 KLINK					\$ 2,000	\$ 399,919	\$ 401,919		\$ 199,960
PS-19	2019 Geometric Improvement					\$ 52,055	\$ 687,940	\$ 739,996		\$ 665,996
Public Service Subtotal		\$ 1,447,608	\$ 1,422,430	\$ 2,195,653	\$ 1,684,318	\$ 1,768,960	\$ 3,693,90	\$ 12,212,759		\$ 4,092,768
TOTAL								\$ 15,187,335	\$ 2,677,119	\$ 4,092,768

In addition, there are several projects that are dependent upon a special sales tax that is set to expire in 2014. If this tax is not renewed by the residents and businesses of Coffeyville, these projects would be in jeopardy of being cut from the CIP, based on priority, unless other funding sources can be identified to cover this shortfall. These projects are listed in the following table:

Project Number	Project Name	Prior	2015	2016	2017	2018	2019	Beyond	Total
PS-2	Annual Surface Seal Project	\$700,000	\$700,000	\$780,000	\$780,000	\$780,000	\$780,000	\$780,000	\$ 5,300,000
PS-3	ADA Project	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 300,000
PS-4	Annual Crack Seal Project	\$ -	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$ -	\$ 600,000
PS-5	Curb and Gutter Project	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$ -	\$ 600,000
PS-6	Intersection Drainage Project	\$459,042	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 2,859,042
PS-7	Sidewalk Project	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 550,000
PS-8	2014-2015 KLINK	\$1,037,216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,037,216
PS-9	Union St. Reconstruct and Overlay	\$ 630,108	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,108
PS-11	2015 Geometric Improvement	\$ 49,400	\$ 488,481	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 537,881
PS-12	2016 KLINK	\$ 26,299	\$ 313,016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 339,315
PS-13	2017 KLINK	\$ -	\$ 26,299	\$ 313,016	\$ -	\$ -	\$ -	\$ -	\$ 339,315
PS-14	Mill & Overlay Project	\$ -	\$ 70,313	\$ 806,509	\$ -	\$ -	\$ -	\$ -	\$ 876,822
PS-15	2017 Geometric Improvement	\$ -	\$ -	\$ 31,875	\$ 469,214	\$ -	\$ -	\$ -	\$ 501,089
PS-16	2018 Geometric Improvement	\$ -	\$ -	\$ -	\$ 56,506	\$ 808,742	\$ -	\$ -	\$ 865,248
PS-17	2018-2019 KLINK	\$ -	\$ -	\$ -	\$ 67,060	\$ 869,261	\$ -	\$ -	\$ 936,321
PS-18	2020 KLINK	\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 399,919	\$ -	\$ 401,919
PS-19	2019 Geometric Improvement	\$ -	\$ -	\$ -	\$ -	\$ 52,055	\$ 687,940	\$ -	\$ 739,995
Public Service Subtotal		\$3,102,065	\$2,448,109	\$2,681,400	\$2,122,780	\$3,262,058	\$2,617,859	\$1,180,000	\$17,414,271
TOTAL		\$3,102,065	\$2,448,109	\$2,681,400	\$2,122,780	\$3,262,058	\$2,617,859	\$1,180,000	\$17,414,271

FUTURE PROJECTS

These projects are all considered to be important but are not considered fundable within the next five years with the available funding expected during that time. As a result, we are not including them in the official CIP. The following sheets are just an attachment to the CIP and serve as a desired collection of projects. In addition, there are other projects that are being considered by the City that may be added to this Plan in the future. Projects such as the East Coffeyville Redevelopment District, a trail system, or new parks are projects that are already being discussed as potential future projects for the community.

Project No.	Project Name	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW-11	Sycamore Creek Reservoir						\$60,000	\$ 5,580,000	\$ 5,640,000
AC-1	Aquatic Center, Lazy River							\$ 969,000	\$ 969,000
HCG-1	Hill Crest Golf Course, Greens							\$ 128,180	\$ 128,180
TOTAL									\$ 6,737,180

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Runway 17-35 Drainage Improvements **AIR-1**

PROJECT TYPE: Drainage Improvements

DEPARTMENT: Engineering-Airport

DESCRIPTION:

This Project will improve drainage conditions along runway 17-35, the main runway at our airport. The project consists of the following:

- Airport Drainage Improvements
- Runway 17 Safety Area Grading
- Repair Runway 17 Edge Drains
- Install Erosion Control Devices at Lights



JUSTIFICATION:

This project has been needed to address safety concerns along the edge of the main runway. Due to improper drainage water is held at the edge of the runway, which in turn causes undue wear on the runway. This also makes mowing and maintaining lights in the area very difficult.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.	\$45,850							\$45,850
Construction	\$242,993							\$242,993
Inspection Eng.	\$45,850							\$45,850
Total	\$334,693							\$334,693
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
FAA Grant	\$301,224							\$301,224
ASPF (10%)	\$33,469							\$33,469
Total	\$334,693							\$334,693

CAPITAL IMPROVEMENTS PROGRAM

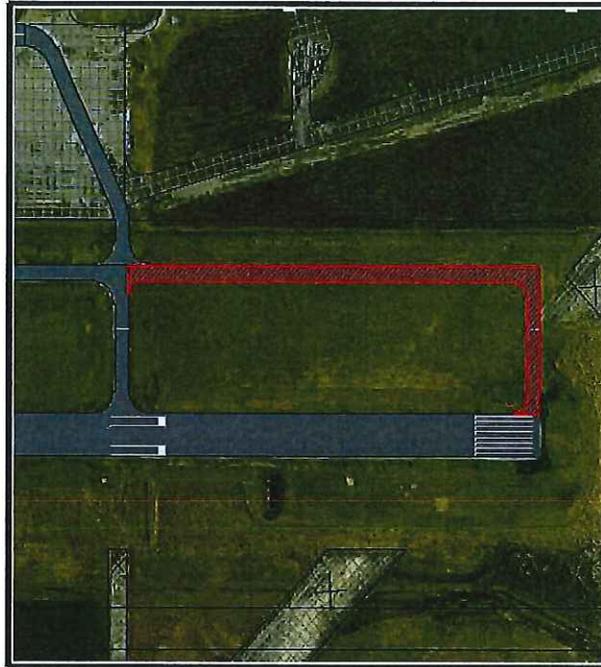
PROJECT TITLE: Parallel Taxiway Extension

AIR-2

PROJECT TYPE: Airport Improvement

DEPARTMENT: Airport

DESCRIPTION:
Extend the parallel taxiway to the north end of Runway 17-35.



JUSTIFICATION:
The extension of the parallel taxiway to the north end of runway 17-35 is needed to prevent back taxiing of airplanes on runway 17-35. The taxiway extension would reduce the possibility of an accident caused by the runway incursion.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering		\$72,317	\$72,317					\$144,634
Construction			\$578,534					\$578,534
Total		\$72,317	\$650,851					\$723,168
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
FAA Grant		\$65,085	\$585,766					\$650,851
Unidentified		\$7,232	\$65,085					\$72,317
Total		\$72,317	\$650,851					\$723,168

CAPITAL IMPROVEMENTS PROGRAM

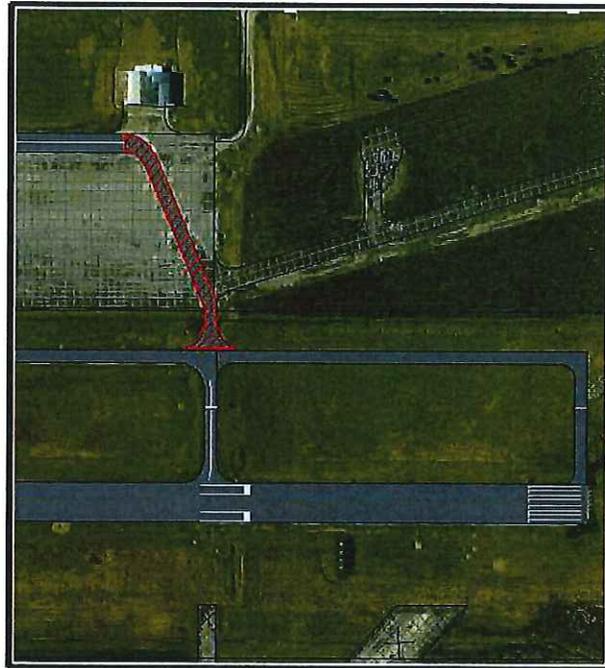
PROJECT TITLE: Taxiway #1 Extension

AIR-3

PROJECT TYPE: Airport Improvement

DEPARTMENT: Airport

DESCRIPTION:
Extend taxiway #1 to Runway 17-35 parallel taxiway.



JUSTIFICATION:
The extension of Taxiway #1 to Runway 17-35 parallel taxiway will provide direct access from the T-hanger area to the runway.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering			\$49,530	\$49,530				\$99,060
Construction				\$396,239				\$396,239
Total			\$49,530	\$445,769				\$495,299
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
FAA Grant			\$44,577	\$401,192				\$445,769
Unidentified			\$4,953	\$44,577				\$49,530
Total			\$49,530	\$445,769				\$495,299

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Runway 17-35 overlay

AIR-4

PROJECT TYPE: Airport Improvement

DEPARTMENT: Airport

DESCRIPTION:
Overlay runway 17-35 with 2 inches of asphalt.



JUSTIFICATION:

The existing Runway 17-35 asphalt pavement will have reached its life expectancy by 2019. By repairing the cracks and joints and placing a 2 inch asphalt overlay, the pavement life will be extended for an estimated 10-12 years.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering					\$118,451	\$118,451		\$236,902
Construction						\$1,184,514		\$1,184,514
Total					\$118,451	\$1,302,965		\$1,421,416
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
FAA Grant					\$106,606	\$1,172,669		\$1,279,275
Unidentified					\$11,845	\$130,296		\$142,141
Total					\$118,451	\$1,302,965		\$1,421,416

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Fiber To The Home

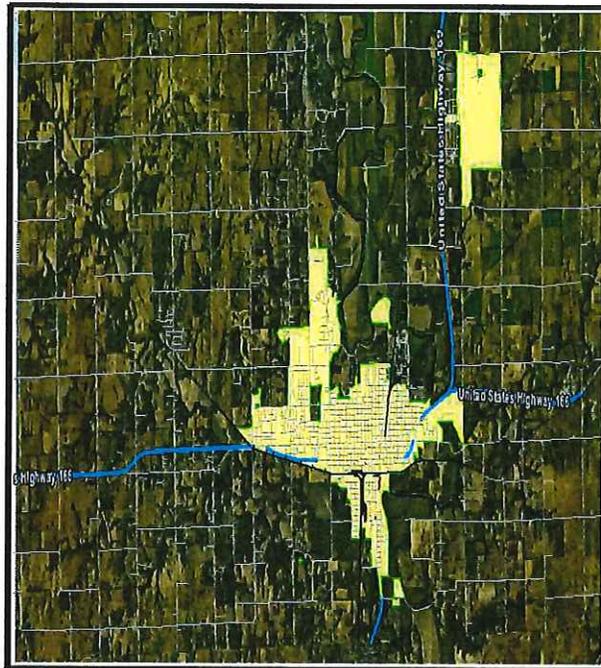
CC-1

PROJECT TYPE: Infrastructure Upgrade

DEPARTMENT: Internet Utility

DESCRIPTION:

Coffeyville Connection, the City's Internet utility, plans to run fiber optic cable to every CMLP customer.



JUSTIFICATION:

Coffeyville Connection has had a declining customer base for the last 2 years. The decline is due to the fact that our customers want and expect enough bandwidth that will allow them to do streaming video, teleconferencing and other bandwidth intensive applications. Fiber is the only way to ensure that we can offer them what they want now and in the future.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design		\$25,000						\$25,000
Construction		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000			\$4,000,000
Total		\$1,025,000	\$1,000,000	\$1,000,000	\$1,000,000			\$4,025,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Fund Balance		\$25,000						\$25,000
2015 Rev. Bond		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000			\$4,000,000
Total		\$1,025,000	\$1,000,000	\$1,000,000	\$1,000,000			\$4,025,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Substation B North Upgrade

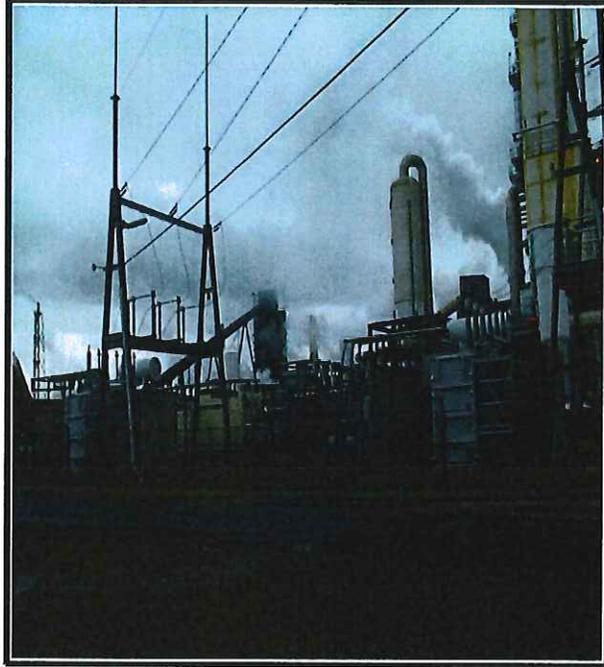
ED-1

PROJECT TYPE: Infrastructure Expansion

DEPARTMENT: Electric Distribution

DESCRIPTION:

Upgrade existing capacity of substation to allow for increased demand by Coffeyville Resources Nitrogen Facility.



JUSTIFICATION:

CRNF and Chaparral plan to increase demand to approximately 90-94 MW by 2016. Current limiting factor of the substation is the two (2) 75 MVA transformers, that will not reliably support total load requirements.

Total cost of project to be reimbursed by CRNF, per the Amended and Restated Electric Service Agreement.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering	\$188,000	\$112,000						\$300,000
Procurement	\$400,000	\$1,925,000						\$2,325,000
Construction	\$300,000	\$375,000						\$675,000
Total	\$888,000	\$2,412,000						\$3,300,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CRNF Reimbursed	\$888,000	\$2,412,000						\$3,300,000
Total	\$888,000	\$2,412,000						\$3,300,000

PROJECT TITLE: Santa Fe Line Upgrade

ED-2

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Electric Distribution

DESCRIPTION:
Re-Align, rebuild & re-conductor the 12.47kV triple circuit.



JUSTIFICATION:
This line is in urgent need of re-building due to aging and broken structures. These circuits serve ACME Foundary, Bartlett Milling, Parmac, the Waste Water Treatment Facility, and a large section of residential customers in the Southwest part of the city.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design	\$14,000							\$14,000
Procurement	\$190,000							\$190,000
Construction	\$90,000							\$90,000
Total	\$294,000							\$294,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Dep/Rep Fund	\$294,000							\$294,000
Total	\$294,000							\$294,000

PROJECT TITLE: D-Line (12 kV) Rebuild

ED-3

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Electric Distribution

DESCRIPTION:

Rebuild existing 3-Phase section, upgrade 2-Phase section to 3-Phases. This will include structure and conductor replacements.

Line begins along South Buckeye, traveling south and west.



JUSTIFICATION:

This circuit feeds the majority of the rural southwest residential customer base. The circuit has become a reliability issue, including suffering from low voltage issues during peak periods. Extension of additional Phases will provide the ability to better balance loading of circuit and maintain proper voltage control.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Material	\$39,034	\$17,795	\$25,091	\$31,660	\$31,660			\$145,240
Equip. Rental	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500			\$7,500
Contingency	\$4,000	\$1,950	\$2,650	\$3,300	\$3,300			\$15,200
Total	\$44,534	\$21,245	\$29,241	\$36,460	\$36,460			\$167,940
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund	\$44,534	\$21,245	\$29,241	\$36,460	\$36,460			\$167,940
Total	\$44,534	\$21,245	\$29,241	\$36,460	\$36,460			\$167,940

PROJECT TITLE: 69 kV A-Sub to PP Sub Re-Build

ED-4

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Electric Distribution

DESCRIPTION:

Rebuild/Relocate a portion of 69 kV Sub-Transmission Line, and A-Sub -Power Plant Sub, to include structure and conductor replacement.



JUSTIFICATION:

This project will improve system reliability. This line is 40+ years old. Structures and hardware are reaching their end of useful life. This line also currently offers limited access, and needs to be relocated from 11th Street.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Eng./Design			\$25,000					\$25,000
Materials				\$42,300				\$42,300
Equip. Rental				\$2,500				\$2,500
Contingency				\$10,000				\$10,000
Total			\$25,000	\$54,800				\$79,800
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund			\$25,000	\$54,800				\$79,800
Total			\$25,000	\$54,800				\$79,800

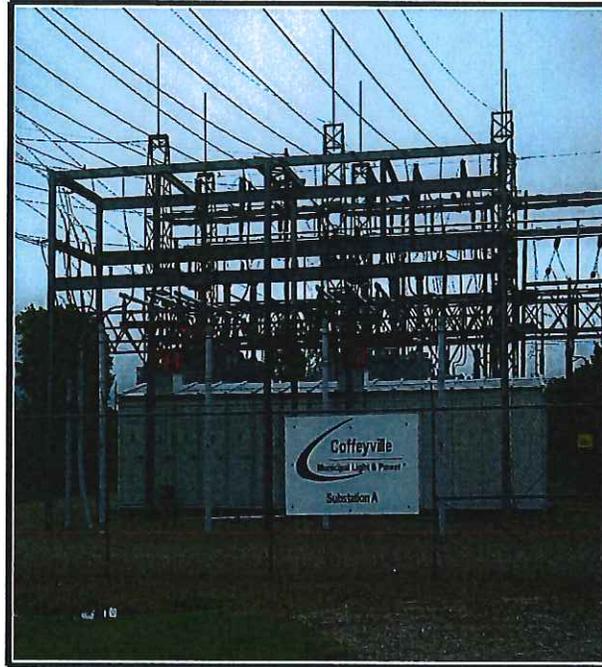
CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Substation A - OCB 242 Replacement ED-5

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Electric Distribution

DESCRIPTION:
69 kV Oil Circuit Breaker (OCB) Replacement with a High Voltage SF6 Gas Filled Breaker.



JUSTIFICATION:
The existing High Voltage Oil Circuit Breaker (OCB) is over 40 years old, and is beyond recommended useful life. An upgrade to a SF6 Gas Filled Breaker will provide for continued system reliability.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering		\$20,000						\$20,000
Equipment		\$45,000						\$45,000
Installation		\$10,000						\$10,000
Total		\$75,000						\$75,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund		\$75,000						\$75,000
Total		\$75,000						\$75,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Highway 169/166 Corridor Lighting

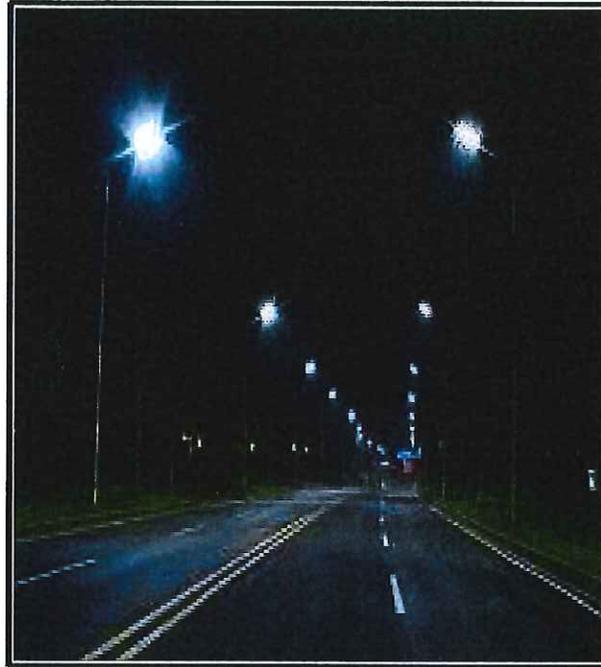
ED-6

PROJECT TYPE: Street Lights

DEPARTMENT: Electric Distribution

DESCRIPTION:

Install new metal poles with Light Emitting Diode (LED) lighting on Highway 169 bridge and approaches to the bridge.



JUSTIFICATION:

The advantage of using Light Emitting Diode (LED) lighting over High Pressure Sodium (HPS) is the 50% reduction in the cost of electricity, as well as reducing maintenance costs by 70%. It also produces white light and contains no hazardous materials.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials	\$2,600	\$110,000						\$112,600
Construction		\$30,000						\$30,000
Engineering		\$10,000						\$10,000
Total	\$2,600	\$150,000						\$152,600
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP R/R Fund	\$2,600	\$150,000						\$152,600
Total	\$2,600	\$150,000						\$152,600

PROJECT TITLE: LED Street Lighting

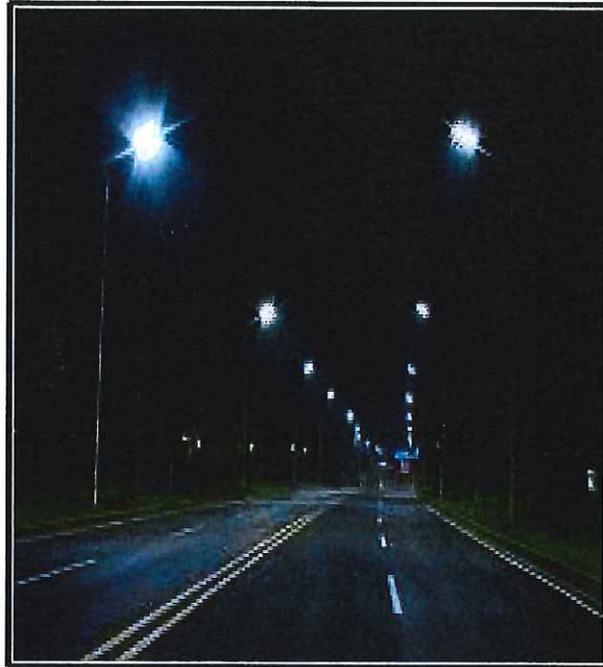
ED-7

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Electric Distribution

DESCRIPTION:

Replace HPS lighting with LED lighting in following areas: 2016 - Highway 166/169 4th & Northeast to Lewark & 8th St. from Northeast to Lewark; 2017 - Highway 169 from 11th St. to Osage and replace approximately 200 additional lights throughout the City; 2018 - 2019 Replace 650 additional lights throughout the City.



JUSTIFICATION:

The advantage of Light Emitting Diode (LED) lighting over High Pressure Sodium (HPS) is the 50% reduction in the cost of electricity as well as reducing maintenance costs by 70%. It also produces white light and contains no hazardous materials.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials			\$130,000	\$150,000	\$130,000	\$130,000	\$130,000	\$670,000
Construction			\$20,000					\$20,000
Total			\$150,000	\$150,000	\$130,000	\$130,000	\$130,000	\$690,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund			\$150,000	\$150,000	\$130,000	\$130,000	\$130,000	\$690,000
Total			\$150,000	\$150,000	\$130,000	\$130,000	\$130,000	\$690,000

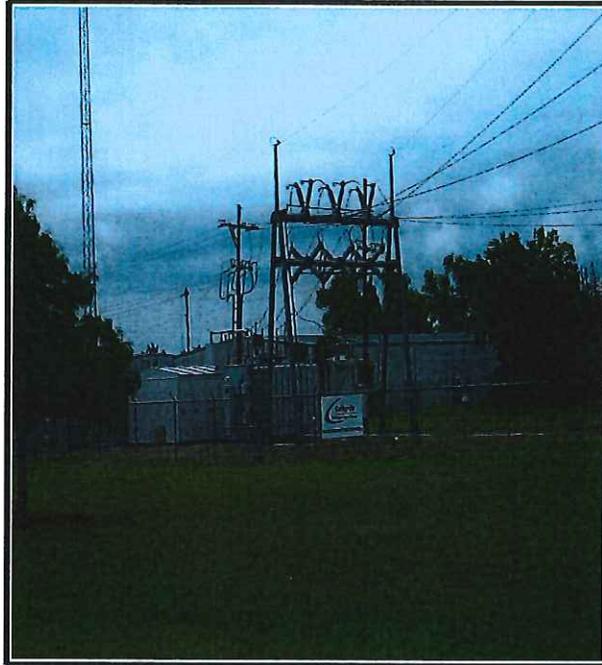
CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: North Industrial Park Substation Upgrade **ED-8**

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Electric Distribution

DESCRIPTION:
Upgrade of existing substation, to include breaker replacements, relaying, and Control House.



JUSTIFICATION:
This substation serves the main industrial park, including customers such as John Deere, Amazon, and the Municipal Airport.

These upgrades are required to maintain system reliability.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering		\$175,000	\$75,000					\$250,000
Equipment		\$750,000						\$750,000
Construction			\$500,000					\$500,000
Contingency			\$250,000					\$250,000
Total		\$925,000	\$825,000					\$1,750,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund		\$925,000	\$825,000					\$1,750,000
Total		\$925,000	\$825,000					\$1,750,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: New Generation

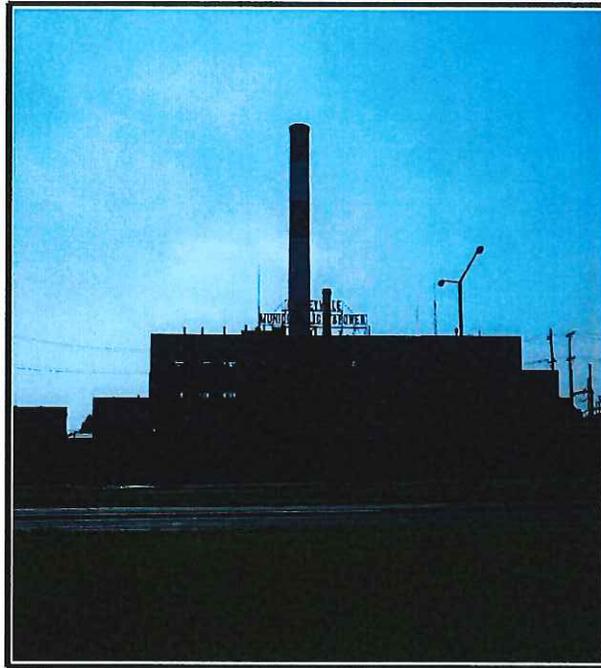
EG-1

PROJECT TYPE: Generation Expansion

DEPARTMENT: Electric Generation

DESCRIPTION:

Install 56 MW fast start reciprocating engine generators.



JUSTIFICATION:

These units will replace Units 1 & 2, and Unit 6 in the GRDA Capacity Payments structure, including an overall increase in capacity payments by installing an increase of 22% in generating capacity. Capacity payments by contract will increase 100%, and extend capacity payments to run concurrent with GRDA Power Purchase Agreement through 2042.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Owners Engineer	\$630,000	\$1,800,000	\$570,000					\$3,000,000
Testing	\$50,000	\$40,000	\$221,920					\$311,920
Financing		\$958,788	\$807,514					\$1,766,302
Engines		\$25,500,000	\$4,500,000					\$30,000,000
Other Equipment		\$13,101,778						\$13,101,778
Contractor		\$6,250,000	\$6,250,000					\$12,500,000
Total	\$680,000	\$47,650,566	\$12,349,434					\$60,680,000

OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Revenue Bonds		\$60,000,000						\$60,000,000
CMLP Reserves	\$680,000							\$680,000
Total	\$680,000	\$60,000,000						\$60,680,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Replace Turbine #7 Annunciator Panel EG-2

PROJECT TYPE: Equipment Maintenance

DEPARTMENT: Electric Generation

DESCRIPTION:
Replacement of Turbine 7 / Boiler 4 Alarm and Annunciator Panel System.



JUSTIFICATION:
This equipment is the Original Equipment Manufacturer (OEM) Alarm system, installed with this unit in 1971. Alarm relays are beginning to fail, with replacements becoming obsolete. This system is critical to the operation of this unit.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials	\$75,000							\$75,000
Total	\$75,000							\$75,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund	\$75,000							\$75,000
Total	\$75,000							\$75,000

PROJECT TITLE: Power Plant Roof

EG-3

PROJECT TYPE: Building Maintenance

DEPARTMENT: Electric Generation

DESCRIPTION:
Replace the Power Plant roof in 4 phases.



JUSTIFICATION:
Leaks in the Power Plant roof could cause catastrophic damage to the generating equipment and control systems resulting in hundreds of thousands of dollars in repair or replacement costs along with the loss of capacity payments from GRDA.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Phase 1 - Boiler 5		\$150,000						\$150,000
Phase 2 - T/G 6 Area			\$150,000					\$150,000
Phase 3 - NW Qtr				\$150,000				\$150,000
Phase 4 - NE Quarter					\$150,000			\$150,000
Total		\$150,000	\$150,000	\$150,000	\$150,000			\$600,000

OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund		\$150,000	\$150,000	\$150,000	\$150,000			\$600,000
Total		\$150,000	\$150,000	\$150,000	\$150,000			\$600,000

CAPITAL IMPROVEMENTS PROGRAM

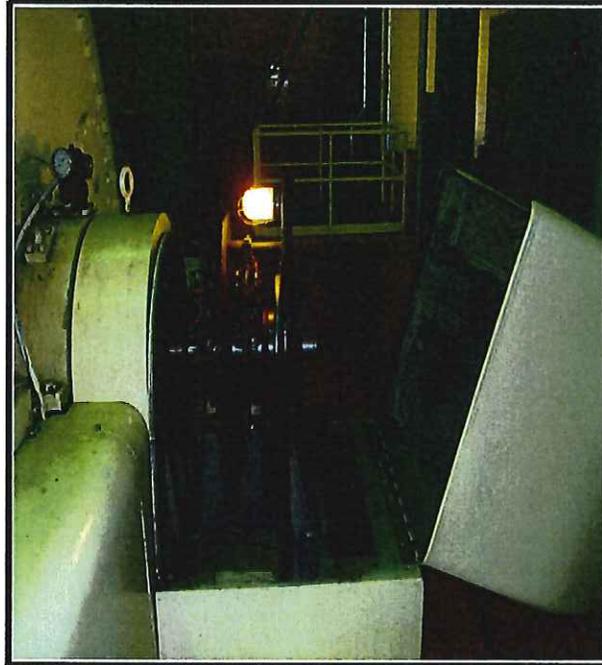
PROJECT TITLE: Replace Unit 7 Generator Exciter

EG-4

PROJECT TYPE: Equipment Maintenance

DEPARTMENT: Electric Generation

DESCRIPTION:
Replacement/Upgrade of Unit 7 Generator
Excitation System.



JUSTIFICATION:
This is a recommendation of General Electric (per service bulletin), due to failures of this type of excitation system. Staff continues to monitor the operation of the exciter for degradation.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Material		\$150,000						\$150,000
Contingency		\$25,000						\$25,000
Total		\$175,000						\$175,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund		\$175,000						\$175,000
Total		\$175,000						\$175,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Replace Power Plant C-Bus Vacuum Breakers EG-5

PROJECT TYPE: Equipment Maintenance

DEPARTMENT: Electric Generation

DESCRIPTION:
Replacement of 2,400 Volt Switchgear Breakers, for Unit 7.



JUSTIFICATION:
Existing circuit breakers are beginning to fail, causing availability issues with Unit 7. In addition there are safety issues that have become apparent when personnel have tried to remove breakers from service on an energized bus. Staff intends to replace up to five (5) breakers.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials		\$175,000						\$175,000
Total		\$175,000						\$175,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CMLP D/R Fund		\$175,000						\$175,000
Total		\$175,000						\$175,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Aviation Museum

ENG-1

PROJECT TYPE: Exterior Painting

DEPARTMENT: Engineering

DESCRIPTION:

The exterior of the Aviation Heritage Museum building is in need of paint. There is approximately 52,440 square feet. The recommend products are Pro Ceryl primer and Band Plex paint for corrugated metal.



JUSTIFICATION:

The exterior of the building is in need of paint to protect the siding and to improve the appearance of the building, which is in a high visibility location in Pfister Park near the aquatic center and the playground.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Painting Material				\$15,800				\$15,800
Labor				\$52,440				\$52,440
Total				\$68,240				\$68,240
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unidentified				\$68,240				\$68,240
Total				\$68,240				\$68,240

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: James A Tyeska Youth Activity Center

F-01

PROJECT TYPE: Facilities

DEPARTMENT: Administration

DESCRIPTION:

This project is for the renovation of the Youth Activity Center which was built in 1979. It includes a new roof, new flooring (including the gymnasium), new restrooms, enhanced energy efficiency, and ADA compliance. The building is primarily used by the Boys and Girls Club of Coffeyville and is also available for special events and activities.



JUSTIFICATION:

Most of the building finish has exceeded its useful life. Improved energy efficiency will reduce operating costs while ADA compliance will allow the city to better serve our customers. These improvements were approved by the voters in November 2012.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design	\$136,000							\$136,000
Construction	\$1,120,000							\$1,120,000
Const./Admin	\$21,290							\$21,290
Total	\$1,277,290							\$1,277,290
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
2014 GO Bond	\$1,277,290							\$1,277,290
Total	\$1,277,290							\$1,277,290

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Coffeyville Municipal Library

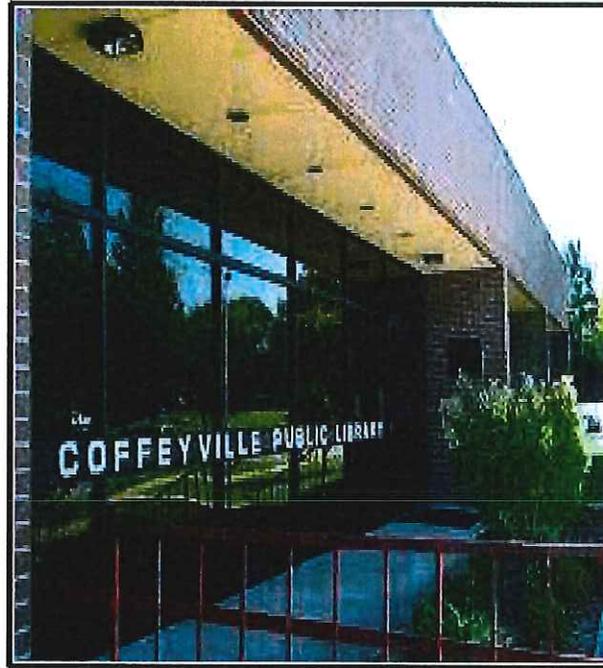
F-02

PROJECT TYPE: Facilities

DEPARTMENT: Administration

DESCRIPTION:

This project is for the renovation of the Coffeyville Public Library which was built in 1978. It includes a new roof, new flooring, new restrooms, enhanced energy efficiency, and ADA compliance.



JUSTIFICATION:

Most of the building finish has exceeded its useful life. Improved energy efficiency will reduce operating costs while ADA compliance will allow the City to better serve our customers. These improvements were approved by the voters in November 2012.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design	\$27,000							\$27,000
Construction	\$490,000							\$490,000
Const./Admin	\$4,250							\$4,250
Total	\$521,250							\$521,250
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
2014 GO Bond	\$521,250							\$521,250
Total	\$521,250							\$521,250

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Coffeyville City Hall

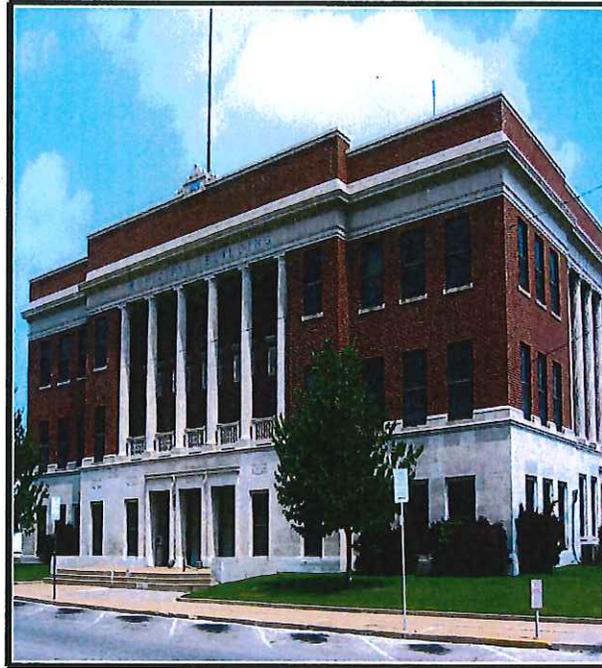
F-03

PROJECT TYPE: Facilities

DEPARTMENT: Administration

DESCRIPTION:

This project is for the renovation of the Municipal Building that was completed in 1929. It improves the use of existing space, emphasizes customer service, enhances energy efficiency, and provides for ADA and building codes compliance.



JUSTIFICATION:

Most of the building finish has exceeded its useful life. Improved building layout will enhance the use of existing space, providing for a better and more efficient working environment, as well as a better overall customer experience. Improved energy efficiency will reduce operating costs while ADA compliance will allow the City to better serve our customers. These improvements were approved by the voters in November 2012.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design	\$417,000							\$417,000
Construction	\$2,480,500	\$2,480,500						\$4,961,000
Const./Admin	\$47,725	\$47,725						\$95,450
Total	\$2,945,225	\$2,528,225						\$5,473,450
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
2014 GO Bond	\$2,945,225	\$2,528,225						\$5,473,450
Total	\$2,945,225	\$2,528,225						\$5,473,450

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Coffeyville Fire Station

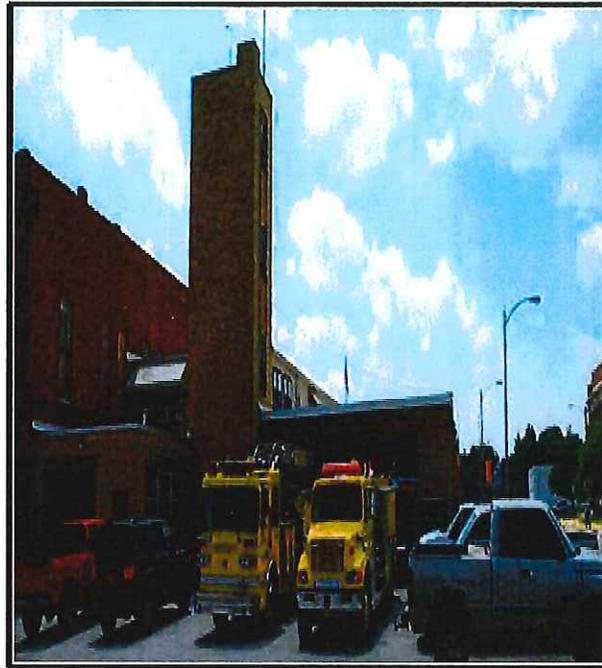
F-04

PROJECT TYPE: Facilities

DEPARTMENT: Administration

DESCRIPTION:

This project is for the renovation of the Fire Station building which was completed in 1953. It improves the use of existing space and adds additional space to better reflect modern fire fighting practices, allow for suitable administrative functions, and improve employee quality of work life.



JUSTIFICATION:

Most of the building finish has exceeded its useful life. Improved building layout will allow for enhanced living areas and administrative functions housed within the department. Improved energy efficiency will reduce operating costs. These improvements were approved by the voters in November 2012.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design	\$88,650							\$88,650
Construction	\$1,071,000							\$1,071,000
Const./Admin	\$20,950							\$20,950
Total	\$1,180,600							\$1,180,600
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
2014 GO Bond	\$1,180,600							\$1,180,600
Total	\$1,180,600							\$1,180,600

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Perkins Building

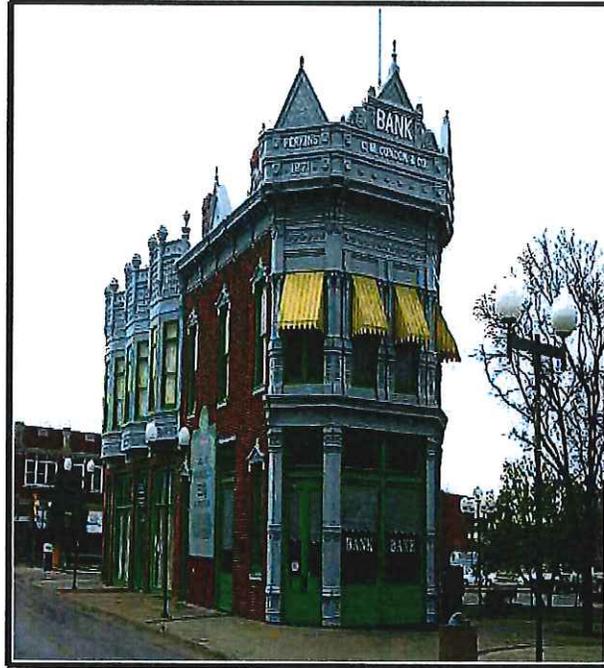
F-05

PROJECT TYPE: Facilities

DEPARTMENT: Administration

DESCRIPTION:

This project will include roof, tuck pointing, and window improvements to the Perkins building which was completed in 1890.



JUSTIFICATION:

This project helps to preserve the history of the community by maintaining the remaining bank building involved in the Dalton Raid of October 1892. In addition to historic preservation, improved energy efficiency will reduce operating costs. These improvements were approved by the voters in November 2012.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design	\$20,650							\$20,650
Construction	\$282,000							\$282,000
Const./Admin	\$4,250							\$4,250
Total	\$306,900							\$306,900
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
2014 GO Bond	\$306,900							\$306,900
Total	\$306,900							\$306,900

PROJECT TITLE: Playgrounds

PS-1

PROJECT TYPE: Play Ground Equipment

DEPARTMENT: Public Service

DESCRIPTION:

Replace and add new playground equipment in the City's parks.



JUSTIFICATION:

The City of Coffeyville owns and maintains several parks. Most of the playground equipment was installed in the 1980's. The City has some equipment that dates back to the late 1960's that is still in service at this point. Much of the existing equipment is old, unsafe, and does not meet current standards for playground equipment. Staff recommends that we start replacing some of the City's playground equipment each year over the next 5 years.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Equipment		\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$180,000
Installation		\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$36,000
Contingency 5%		\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$10,800
Total		\$37,800	\$37,800	\$37,800	\$37,800	\$37,800	\$37,800	\$226,800
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
General D/R Fund		\$37,800	\$37,800	\$37,800	\$37,800	\$37,800	\$37,800	\$226,800
Total		\$37,800	\$37,800	\$37,800	\$37,800	\$37,800	\$37,800	\$226,800

PROJECT TITLE: Annual Surface Seal Project

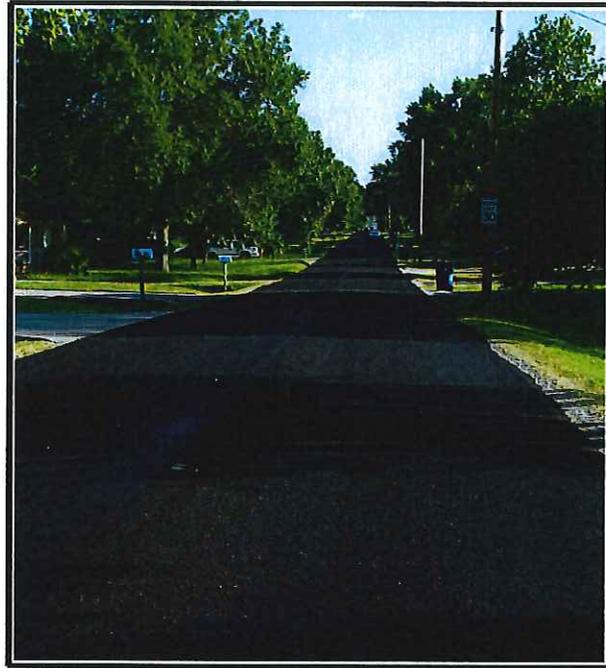
PS-2

PROJECT TYPE: Street Sealing

DEPARTMENT: Public Works

DESCRIPTION:

Seal the surface of streets throughout town. A list of these streets can be found in the 5 year transportation plan that was approved by the City Commission.



JUSTIFICATION:

A majority of streets throughout town are asphalt. One inherent drawback to asphalt streets is that, being porous, water and ice wear on the surface cause cracking which allows water intrusion beneath the street, which then can then lead to failure of the street subsurface, base, and pavement. By sealing the street surface we can seal the cracks as well as the pores, reducing wear from water intrusion, and thereby extending the life of the street.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Surface Seal	\$700,000	\$700,000	\$780,000	\$780,000	\$780,000	\$780,000	\$780,000	\$5,300,000
Total	\$700,000	\$700,000	\$780,000	\$780,000	\$780,000	\$780,000	\$780,000	\$5,300,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund	\$700,000	\$700,000	\$780,000	\$780,000	\$780,000	\$780,000	\$780,000	\$5,300,000
Total	\$700,000	\$700,000	\$780,000	\$780,000	\$780,000	\$780,000	\$780,000	\$5,300,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: ADA Project

PS-3

PROJECT TYPE: ADA improvements

DEPARTMENT: Public Works

DESCRIPTION:

Install curb ramps for pedestrian traffic at various street intersections. The ramps would be constructed to meet all requirements mandated by the American's with Disabilities Act.



JUSTIFICATION:

Required by the Americans with Disabilities Act, as well as for the convenience and safety of pedestrian traffic.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials & Labor	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000
Total	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000

PROJECT TITLE: Annual Crack Seal Project

PS-4

PROJECT TYPE: Crack Seal

DEPARTMENT: Public Works

DESCRIPTION:

Cracks in the pavement will be cleaned out with pressurized air, and when appropriate, a router will be used to widen and give depth to cracks in the pavement. Hot rubber crack seal material will then be placed into the cracks with specialized equipment. The project will be performed by City crews and/or by contractors.



JUSTIFICATION:

Cracking in the surface of pavement is unavoidable. This cracking allows for water intrusion, which in turn shortens the life of the pavement and deteriorates the base of the street beneath the asphalt. By crack sealing we limit water intrusion until the surface can be sealed. This is a crucial step before sealing the entire surface of a street and to maintain good street condition.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials & Labor		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
Total		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
Total		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000

PROJECT TITLE: Curb and Gutter Project

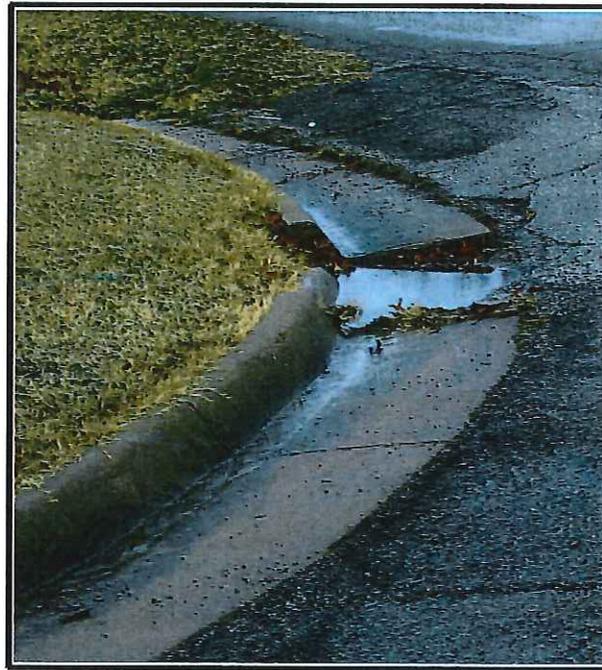
PS-5

PROJECT TYPE: Street Improvement

DEPARTMENT: Public Works

DESCRIPTION:

Install and replace/reclaim curb and gutter throughout the City.



JUSTIFICATION:

Curb and gutter systems are a vital part of the city's drainage system. Over the years, there has been asphalt overlay over asphalt overlays on streets throughout town, filling the gutter to the top of the curb in many places. In doing this, the city has lost much of its drainage capability, which causes ponding that hampers traffic and deterioration of streets. By replacing and/or reclaiming our curbs and gutters, the city's stormwater drainage will improve, thus improving traffic flow and reducing deterioration of the streets.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials & Labor	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000

PROJECT TITLE: Intersection Drainage Project

PS-6

PROJECT TYPE: Drainage Improvement

DEPARTMENT: Public Works

DESCRIPTION:

Replace various intersections or swales throughout town. Specific intersections or swales can be seen in the 5 year transportation plan. The projects will also address all applicable Americans with Disabilities Act requirements.



JUSTIFICATION:

Over the years there has been asphalt overlay over asphalt overlay on streets throughout town, causing drainage swales to no longer drain water from intersections properly. This in turn, causes deterioration of streets at intersections and ponding that hampers traffic. By replacing drainage swales and intersections in these areas, the city's drainage will improve, thus improving traffic flow and reducing deterioration of the intersections. These improvements will also address ADA requirements.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.	\$80,444	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$320,444
Construction Eng.	\$52,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$352,000
Construction	\$326,598	\$310,000	\$310,000	\$310,000	\$310,000	\$310,000	\$310,000	\$2,186,598
Total	\$459,042	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,859,042
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund	\$459,042	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,859,042
Total	\$459,042	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,859,042

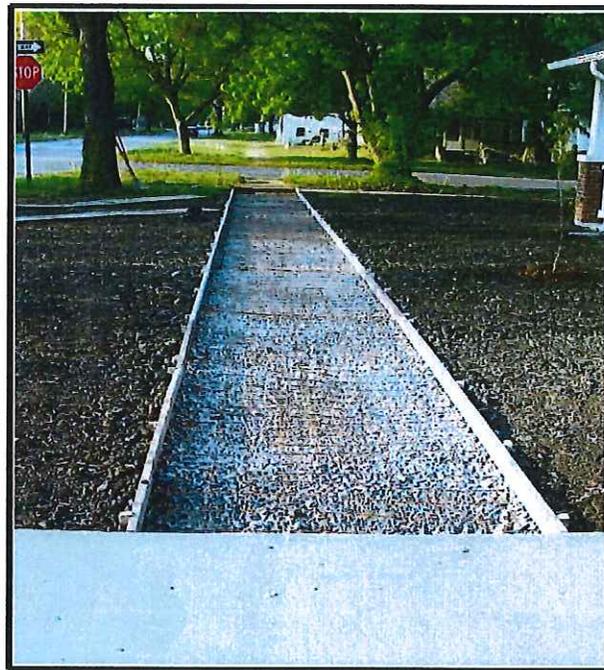
PROJECT TITLE: Sidewalk Project

PS-7

PROJECT TYPE: Repair and Construction

DEPARTMENT: Public Works

DESCRIPTION:
Replacement of sidewalk or installation of new sidewalk (full block increments).



JUSTIFICATION:
Many sidewalks throughout town are in bad shape. Either as a trip hazard or completely overgrown with grass, the sidewalks are not safe, nor are they ADA compliant in many cases. Although it is the landowner's responsibility to maintain the sidewalks adjacent to their property, that code has not been enforced for many years. In order to start enforcing sidewalk maintenance, we propose developing a cost-share program with property owners to fix the sidewalks and bring them up to City standards as well as ADA Compliance.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials & Labor	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$550,000
Total	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$550,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$300,000
OM/ SA Fund		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		\$250,000
Total	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$550,000

PROJECT TITLE: 2014-2015 KLINK

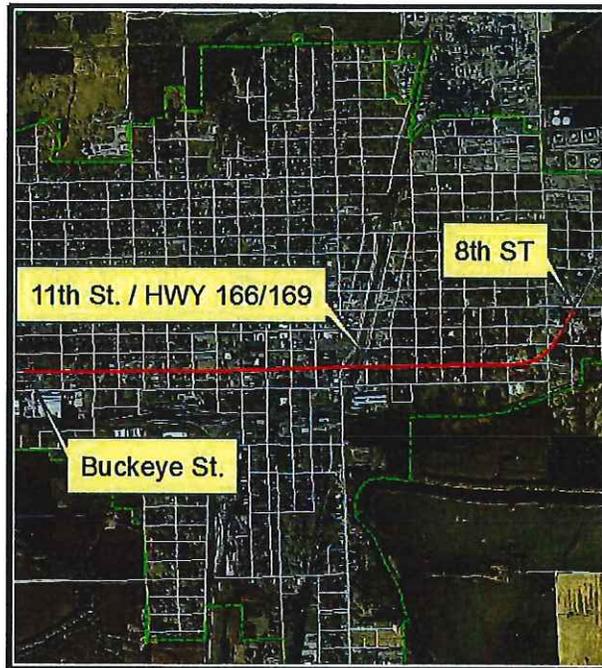
PS-8

PROJECT TYPE: Highway Improvements

DEPARTMENT: Public Works

DESCRIPTION:

Perform joint repair and panel replacement to improve the surface of HWY 166 from Walnut St. to Buckeye St. This will be followed by the application of Ultra-thin Bonded Asphalt Surface (UBAS) from the intersection of HWY166/169 at east 8th St. to the intersection of HWY 166 at Buckeye St.



JUSTIFICATION:

Highway 166/169 is one of the main thoroughfares in the city. Over time joints in the concrete have shifted causing the ride to be rough. This is largely due to the soil under the street expanding and contracting when coming into contact with moisture. This project will realign these joints and seal the pavement, thus extending the life of the highway as well as providing a much smoother driving surface.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.	\$42,484							\$42,484
Construction Eng.	\$75,125							\$75,125
Construction	\$919,607							\$919,607
Total	\$1,037,216							\$1,037,216
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant	\$400,000							\$400,000
Transportation Fund	\$637,216							\$637,216
Total	\$1,037,216							\$1,037,216

PROJECT TITLE: Street Reconstruction & Overlay

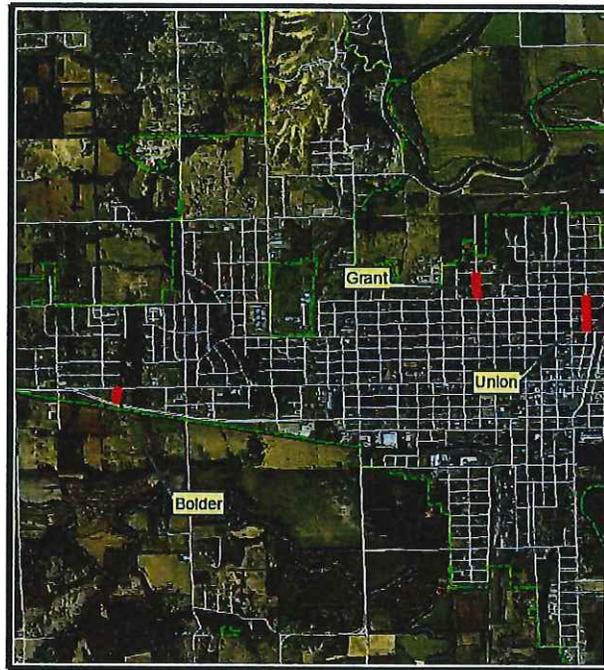
PS-9

PROJECT TYPE: Street Improvements

DEPARTMENT: Public works

DESCRIPTION:

This project will reconstruct Union Street from 1st Street to 4th Street, overlay and/or widen Grant Street from 1st Street to Martin Street, and overlay and/or widen Boulder Street from Highway 166 to 8th Street.



JUSTIFICATION:

Due to a previous sanitary sewer project, Union St. from 1st St. to 4th St. has major rutting and complete base failure and is in need of complete reconstruction. Since that project will include asphalt construction, now is also an opportune time to repave Grant St. from North St. to Martin St., which was previously paved, and Boulder St., which has large raveling and rutting issues. Combining these projects will result in better pricing and a single mobilization.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.	\$59,500							\$59,500
Construction Eng.	\$40,000							\$40,000
Construction	\$530,608							\$530,608
Total	\$630,108							\$630,108
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Transportation Fund	\$630,108							\$630,108
Total	\$630,108							\$630,108

PROJECT TITLE: Pfister Park, Fountain Renovation

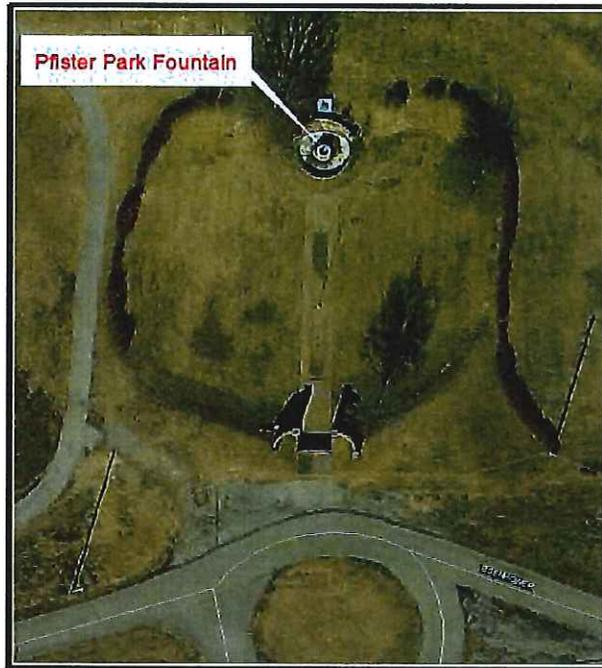
PS-10

PROJECT TYPE: Fountain Renovation

DEPARTMENT: Public Service

DESCRIPTION:

Renovate the existing fountain at Pfister Park with new pump, controls, discharge drain system, also included is concrete work and utilities, water and electric



JUSTIFICATION:

Fountain was installed in the 1940's, city staff put the fountain back in operation in the early 1990's and the fountain functioned for a few years, expansion of the Hill Crest Golf Course and the construction of the new Aquatic Center put the fountain out of service because utilities that feed the fountain was disconnected, it has been requested by a few civic groups for the fountain to be put back in service.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Materials & Labor		\$71,020						\$71,020
Contingency 6%		\$4,261						\$4,261
Total		\$75,281						\$75,281
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unidentified		\$75,281						\$75,281
Total		\$75,281						\$75,281

PROJECT TITLE: 2015 Geometric Improvement

PS-11

PROJECT TYPE: Street Widening / Stripping

DEPARTMENT: Public Works

DESCRIPTION:

At the intersection of East 8th Street and HWY 166/169 we will add left turn lanes to both directions on 8th Street, a right turn lane with a merge lane onto the highway for eastbound traffic on 8th Street turning right onto the highway, and deceleration lanes on the highway for right turns onto 8th Street from both directions.



JUSTIFICATION:

With the relocation of Wal-Mart to the east edge of town and the anticipated commercial development in that area, this intersection has seen an increase in traffic, which is expected to continue to increase. This project will improve the safety of the intersection as well as improve the traffic flow.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.	\$49,400							\$49,400
Construction Eng.		\$51,195						\$51,195
Construction		\$437,287						\$437,287
Total	\$49,400	\$488,481						\$537,881
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant(90/10)	\$44,460	\$439,633						\$484,093
Transportation Fund	\$4,940	\$48,848						\$53,788
Total	\$49,400	\$488,481						\$537,881

PROJECT TITLE: 2016 KLINK

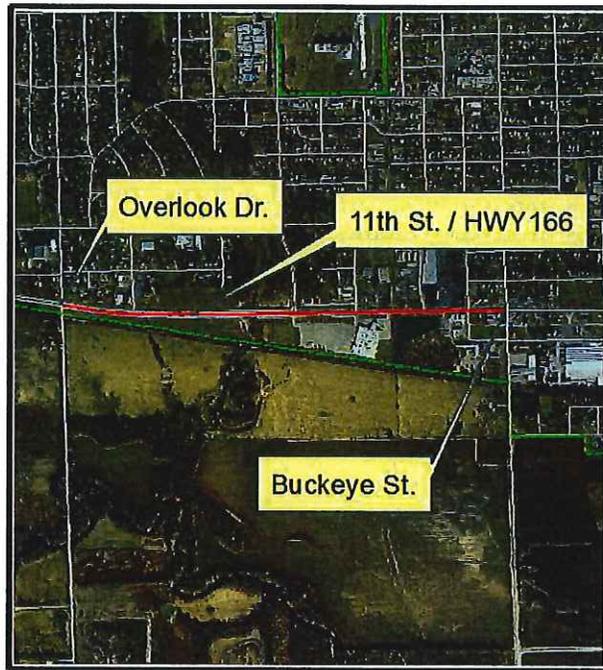
PS-12

PROJECT TYPE: Highway Improvements

DEPARTMENT: Public Works

DESCRIPTION:

Perform joint repair and panel replacement to improve the surface of HWY 166 from Buckeye Street to Overlook Drive. This will be followed by the application of Ultra-thin Bonded Asphalt Surface (UBAS) from the intersection of HWY 166 at Buckeye Street to the intersection of HWY 166 at Overlook Drive.



JUSTIFICATION:

Highway 166 is one of the main thoroughfares in the city. Over time, joints in the concrete have shifted causing the road to be rough. This is largely due to soil under the street expanding and contracting when coming into contact with moisture. This project will realign these joints and seal the pavement thus extending the life of the highway as well as providing a much smoother driving surface.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.	\$26,299							\$26,299
Construction Eng.		\$26,299						\$26,299
Construction		\$286,717						\$286,717
Total	\$26,299	\$313,016						\$339,315
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant		\$156,508						\$156,508
Transportation Fund	\$26,299	\$156,508						\$182,808
Total	\$26,299	\$313,016						\$339,316

PROJECT TITLE: 2017 KLINK

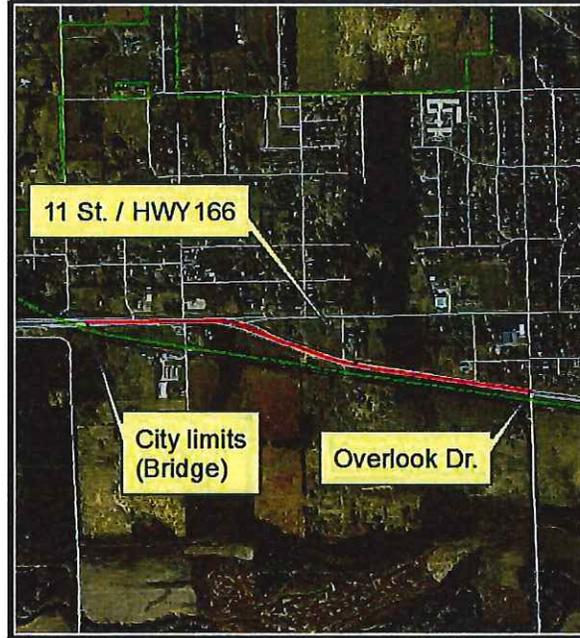
PS-13

PROJECT TYPE: Highway Improvements

DEPARTMENT: Public Works

DESCRIPTION:

Perform joint repair and panel replacement to smooth HWY 166 from Overlook Drive to the bridge at the west city limits of town. This will be followed by the application of Ultra-thin Bonded Asphalt Surface (UBAS) from the intersection of HWY166 at Overlook Drive to the bridge at the west city limits of town.



JUSTIFICATION:

Highway 166 is one of the main thoroughfares in the city. Over time joints in the concrete have shifted causing the road to be rough. This is largely due to soil under the street expanding and contracting when coming into contact with moisture. This project will realign these joints and seal the pavement, thus extending the life of the highway as well as providing a much smoother ride through town.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.		\$26,299						\$26,299
Construction Eng.			\$26,299					\$26,299
Construction			\$286,717					\$286,717
Total		\$26,299	\$313,016					\$339,315
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant			\$156,508					\$156,508
Transportation Fund		\$26,299	\$156,508					\$182,807
Total		\$26,299	\$313,016					\$339,315

PROJECT TITLE: 9th Street Mill and Overlay Project

PS-14

PROJECT TYPE: Street Improvements

DEPARTMENT: Public Works

DESCRIPTION:

Mill and overlay 9th St. from Buckeye Street to Willow Street. Install handicap curb ramps, as required by the American's with Disabilities Act. Replace curb and gutter as necessary. Establish proper drainage throughout project, including intersections, driveway entrances, etc. Remove the 9th Street and Read Street intersection and replace with concrete.



JUSTIFICATION:

Deterioration of W. 9th Street is beyond preservation applications, and requires a more aggressive repair. Previous overlays have led to improper drainage and near total loss of curbs. Milling and overlaying will give the street a new surface while improving drainage. The City is also required by the American's with Disabilities Act to address handicap compliance. Establishing proper drainage may require curb and gutter replacement in places and the total replacement of the 9th Street and Read Street intersection.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.		\$70,313						\$70,313
Construction Eng.			\$105,197					\$105,197
Construction			\$701,312					\$701,312
Total		\$70,313	\$806,509					\$876,822
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
CDBG Grant		\$35,157	\$364,844					\$400,000
Transportation Fund		\$35,157	\$441,666					\$476,822
Total		\$70,313	\$806,509					\$876,822

PROJECT TITLE: 2017 Geometric Improvement

PS-15

PROJECT TYPE: Highway Improvements

DEPARTMENT: Public Works

DESCRIPTION:
Realign Sunflower street to HWY 166/169.



JUSTIFICATION:
By realigning this intersection we can vastly improve both traffic flow and safety at this intersection.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.			\$31,875					\$31,875
Construction Eng.				\$47,813				\$47,813
Construction				\$421,401				\$421,401
Total			\$31,875	\$469,214				\$501,089
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant			\$28,688	\$422,293				\$450,980
Transportation Fund			\$3,188	\$46,921				\$50,109
Total			\$31,875	\$469,214				\$501,089

PROJECT TITLE: 2018 Geometric Improvement

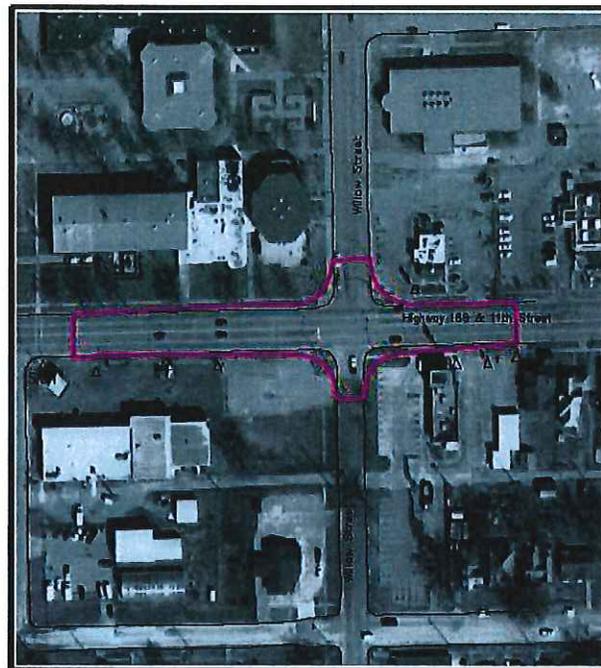
PS-16

PROJECT TYPE: Highway Project

DEPARTMENT: Public Works

DESCRIPTION:

Redesign the intersection of HWY 166 and Willow Street. This would include the addition of left turn lanes on the highway as well as enlarging the turning radii and upgrading the traffic signal.



JUSTIFICATION:

Currently only east bound traffic has a left turn light and even then no dedicated left turn lane. This causes an issue with traffic around the college. In addition, with the small turning radii, it is a hazard for large trucks/tailors to make this turn. Willow Street south of 11th Street is also the only feasible detour route available when there is roadwork taking place south of 12th Street on Highway 169.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.				\$56,506				\$56,506
Construction Eng.					\$84,759			\$84,759
Construction					\$723,983			\$723,983
Total				\$56,506	\$808,742			\$865,248
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant(90/10)				\$50,855	\$727,868			\$778,723
Transportation Fund				\$5,651	\$80,874			\$86,525
Total				\$56,506	\$808,742			\$865,248

PROJECT TITLE: 2018-2019 KLINK

PS-17

PROJECT TYPE: Highway Improvements

DEPARTMENT: Public Works

DESCRIPTION:

Perform full depth replacement of the two outer lanes of HWY 166/169 with concrete from its intersection with east 8th Street proceeding northeast to the Verdigris River bridge.



JUSTIFICATION:

The two outer lanes of Highway 166/169 in this area are constructed of full depth asphalt, while the two inner lanes were constructed of concrete with an asphalt overlay. The outer lanes are starting to have rutting issues while the inner lanes are not. Replacing the outer two lanes with concrete will fix the rutting issues and will provide an estimated 40 years of service in the future.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.				\$67,060				\$67,060
Construction Eng.					\$10,060			\$10,060
Construction					\$859,201			\$859,201
Total				\$67,060	\$869,261			\$936,321
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant				\$200,000	\$200,000			\$400,000
Transportation Fund				\$67,060	\$469,261			\$536,321
Total				\$267,060	\$669,261			\$936,321

PROJECT TITLE: 2020 KLINK

PS-18

PROJECT TYPE: Highway Improvements

DEPARTMENT: Public Works

DESCRIPTION:

Perform an Ultra-Thin Bonded Asphalt Surface overlay on Highway 169 South of 11th Street, consisting of 5160 linear feet of asphalt approximately 28,093 sq. yd.



JUSTIFICATION:

In 2012, joint repair was performed, followed by an Ultra-Thin Bonded Asphalt overlay. It was then expected that the overlay would have a lifespan of 7 to 8 Years, thus will have reached the end of its useful life in 2019. This will give us another 7 to 8 years of life and a new wearing surface.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.					\$2,000			\$2,000
Construction Eng.						\$6,000		\$6,000
Construction						\$393,919		\$393,919
Total					\$2,000	\$399,919		\$401,919
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant						\$199,960		\$199,960
Transportation Fund					\$2,000	\$199,960		\$201,960
Total					\$2,000	\$399,919		\$401,919

PROJECT TITLE: 2019 Geometric Improvement

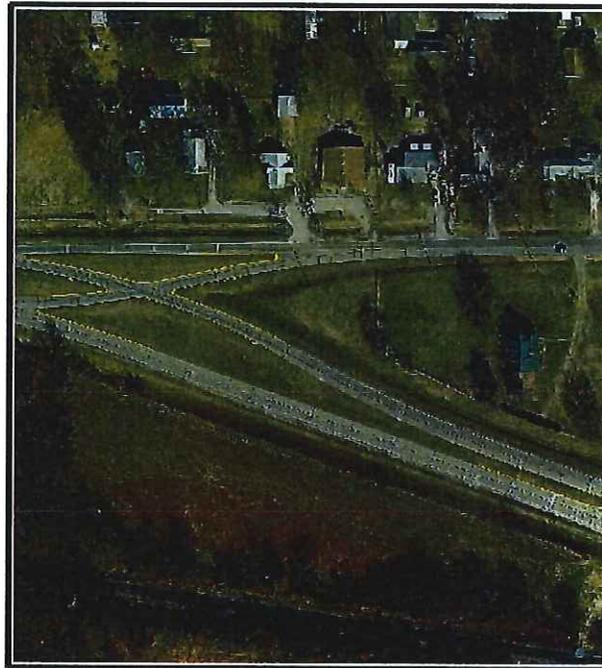
PS-19

PROJECT TYPE: Highway Exchange

DEPARTMENT: Public Works

DESCRIPTION:

Redesign and reconstruct the intersection of HWY 166 and West 8th Street near the west city limits Making the highway 4 lanes all the way through the intersection and improving the flow and safety of traffic in the intersection.



JUSTIFICATION:

This project will improve traffic flow and safety on Highway 166 & West 8th Street.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design Eng.					\$52,055			\$52,055
Construction Eng.						\$78,233		\$78,233
Construction						\$609,707		\$609,707
Total					\$52,055	\$687,940		\$739,996
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
KDOT Grant					\$46,850	\$619,146		\$665,996
Transportation Fund					\$5,206	\$68,794		\$74,000
Total					\$52,055	\$687,940		\$739,996

PROJECT TITLE: Drainage Ditch Clearing

SW-1

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Stormwater

DESCRIPTION:

Remove trees, vegetation and built up sediment in the drainage ditches in the following locations:

- A.) Duck Creek: north of Northeast Street at the old dog pound location.
- B.) 13th Street: east of Read Street from 13th Street south to the railroad tracks.
- C.) 14th Street: east of Read Street from the railroad tracks south to 14th Street.

JUSTIFICATION:

Clearing of these ditches will promote better drainage of major portions of the city, reducing the possibility of interior flooding.



Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$60,000		\$20,000					\$80,000
Contingency 10%	\$6,000		\$2,000					\$8,000
Total	\$66,000		\$22,000					\$88,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund	\$66,000		\$22,000					\$88,000
Total	\$66,000		\$22,000					\$88,000

PROJECT TITLE: 11th Street Inlet Replacement

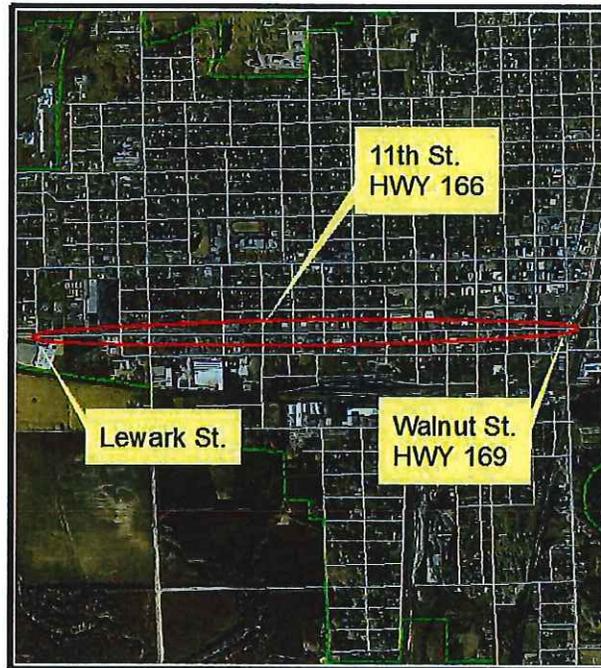
SW-2

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Stormwater

DESCRIPTION:

Inlet & Inlet box replacement along 11th Street between Walnut Street and Lewark Street.



JUSTIFICATION:

Most inlets along this route are breaking down and failing due to age and heavy highway traffic. The inlets and inlet boxes need to be rebuilt to ensure that they drain as designed to protect property along the route and to prevent potential damage to vehicles.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$210,000							\$210,000
Contingency 12%	\$25,200							\$25,200
Total	\$235,200							\$235,200
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unfunded	\$235,200							\$235,200
Total	\$235,200							\$235,200

PROJECT TITLE: Westwood System Upgrade

SW-3

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

On Westwood Drive beginning approximately 250' north of Edgevale Drive at the Northfield Avenue right of way, replace the existing 24" RCP pipe with a 30" DBL wall poly pipe beginning at inlet 1-8 and running east to the drainage ravine. Replace the inlet with manhole access.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997. The pipe size listed above was recommended by that plan.

The existing line has had numerous cave-ins along the Northfield Avenue right of way from Westwood Drive east to the drainage ravine.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$25,016							\$25,016
Eng/Utl/Esmnt	\$6,754							\$6,754
Contingency 12%	\$3,812							\$3,812
Total	\$35,582							\$35,582
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund	\$35,582							\$35,582
Total	\$35,582							\$35,582

PROJECT TITLE: 11th & Cedar System Upgrade

SW-4

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

Replace the existing 42" x 21" Elliptical CMP with a 42" RCP beginning at the intersection of 11th Street & Cedar Street, south on Cedar Street to manhole 1-15 located on the south side of 12th Street. Replace the existing 33" RCP with 42" RCP from that point south to the drainage ditch located south of 12th street and north of the R.R. tracks. Replace 3 existing manholes.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997. The pipe sizes listed above were recommended by that plan.

Completion of this project will help alleviate flooding in 11th Street at Cedar Street.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction		\$92,080						\$92,080
Eng/Utl/Esmnt	\$24,862							\$24,862
Contingency 12%		\$14,033						\$14,033
Total	\$24,862	\$106,113						\$130,975
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund	\$24,862	\$106,113						\$130,975
Total	\$24,862	\$106,113						\$130,975

PROJECT TITLE: 11th & Ellsworth System Upgrade

SW-5

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

Beginning at the intersection of 11th & Ellsworth Street, south on Ellsworth Street to the west 12th Street Pump station, replace the existing 60" x 24" Elliptical CMP with a 45" x 29" HE RCP. Replace existing manholes and inlets as needed.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997. The pipe size listed above was recommended by that plan.

Completion of this project will help alleviate flooding in 11th Street at Ellsworth Street.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction			\$135,020					\$135,020
Eng/Utl/Esmnt		\$36,455						\$36,455
Contingency 12%			\$20,577					\$20,577
Total		\$36,455	\$155,597					\$192,052
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund		\$36,455	\$155,597					\$192,052
Total		\$36,455	\$155,597					\$192,052

PROJECT TITLE: Midland & Warwick System Upgrade SW-6

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

Replace the 24" RCP pipe with a 30" RCP pipe on the east side of Warwick Road in the 300 block, from inlet 1-4 east to Sycamore Creek. Replace 1 inlet/manhole.

At the intersection of Warwick Road and Midland Avenue, replace the existing 24" RCP pipe with 30" RCP pipe from inlet 1-8 to inlet 1-9 and with a 36" RCP pipe from inlet 1-9 east to Sycamore creek. Replace 2 inlets/manholes.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997. The pipe sizes listed above were recommended by that plan.

Completion of this project will help alleviate flooding along Warwick Road.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction				\$71,764				\$71,764
Eng/Utl/Esmnt			\$19,377					\$19,377
Contingency 12%				\$10,937				\$10,937
Total			\$19,377	\$82,701				\$102,078
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund			\$19,377	\$82,701				\$102,078
Total			\$19,377	\$82,701				\$102,078

PROJECT TITLE: South Walnut System Upgrade

SW-7

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

Beginning at Inlet I-6 on the north side of Jefferson Street west of Walnut Street, then east across Walnut Street, south on Walnut Street to Polk Street, then east in the Polk Street right of way to the drainage ditch.

Replace 478' of existing 30" pipe with 36" RCP Pipe, 405' of existing 30" pipe with 48" RCP pipe, and 3 existing manholes.

JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master Plan completed in November of 1997. The pipe sizes listed above were recommended by that plan.

Upgrading this system will help alleviate high water on south Walnut Street during heavy rainfall events.



Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction					\$109,104			\$109,104
Eng/Utl/Easmnts				\$29,458				\$29,458
Contingency 12%					\$16,627			\$16,627
Total				\$29,458	\$125,731			\$155,189
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund				\$29,458	\$125,731			\$155,189
Total				\$29,458	\$125,731			\$155,189

PROJECT TITLE: 8th & Edgewood System Upgrade

SW-8

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

From inlet 1-20 located on the northeast corner of the intersection of 8th Street and Edgewood Drive east to Sycamore Creek, replace the existing 24" RCP and 30" RCP pipes with a 36" RCP pipe. Replace 2 inlets/manholes.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997. The pipe size listed above was recommended by that plan.

Completion of this project will help alleviate flooding on 8th Street & Edgewood Drive.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction						\$53,384		\$53,384
Eng/Util/Esmnt					\$14,414			\$14,414
Contingency						\$8,136		\$8,136
Total					\$14,414	\$61,520		\$75,934
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund					\$14,414	\$61,520		\$75,934
Total					\$14,414	\$61,520		\$75,934

PROJECT TITLE: Parkway & Edgewood System Upgrade SW-9

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

Beginning at the inlet on the northwest corner of Parkway Avenue and Waverly Way, replace the existing pipe with a 36" RCP pipe to the inlet on the northwest corner of Parkway Avenue & Edgewood Drive, then with a 42" RCP pipe north to inlet 1-6, then with a 48" RCP pipe east across Edgewood Drive to inlet I-7, then with a 68" x 43" HE RCB box east to the drainage ditch. Replace 3 inlets/manholes.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997. The pipe and box sizes listed above were recommended by that plan.

Completion of this project will help alleviate flooding along Edgewood Drive.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction						\$86,672		\$86,672
Eng/Util/Esmnt					\$23,401			\$23,401
Contingency 12%						\$13,208		\$13,208
Total					\$23,401	\$99,880		\$123,281
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund					\$23,401	\$99,880		\$123,281
Total					\$23,401	\$99,880		\$123,281

PROJECT TITLE: Edgevale & Prairie Ln System Upgrade 1 SW-10

PROJECT TYPE: System Upgrade

DEPARTMENT: Stormwater

DESCRIPTION:

On Edgevale Drive northwest of Prairie Lane at the Brookwood Drive road cutout, replace the existing 36" RCP pipe with a 60" RCP pipe running southwest and then south to Sycamore Creek, 438' total length. Replace 2 inlets/manholes.



JUSTIFICATION:

This area was identified as being undersized in the Stormwater Master plan completed in November of 1997, and replacement with a larger pipe was recommended.

Completion of this project will alleviate flooding along Edgevale Drive during heavy rain events.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction							\$82,898	\$82,898
Eng/Utl/Esmnt						\$22,383		\$22,383
Contingency 12%							\$12,634	\$12,634
Total						\$22,383	\$95,532	\$117,915
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
SW D/R Fund						\$22,383	\$95,532	\$117,915
Total						\$22,383	\$95,532	\$117,915

PROJECT TITLE: 12th Street Levee Culvert Improvements VRL-1

PROJECT TYPE: Levee Improvement

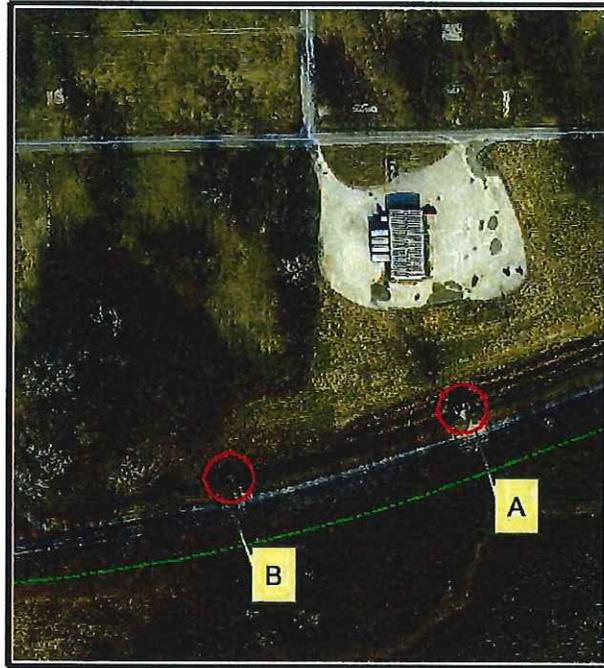
DEPARTMENT: Stormwater

DESCRIPTION:

These culverts run from the pump stations on the levee at 12th street, south under the railroad tracks to an open ditch draining to the Verdigris River.

A.) Middle pump station: Install a 40"-42" culvert lining into the existing culvert, fill the voids with flowable fill, and grout both ends.

B.) West pump station: fill the old box culvert with concrete.



JUSTIFICATION:

These culverts are two of the primary discharge structures that drain stormwater from the city. Repair or replacement of these culverts is required by the U.S. Army Corps of Engineers.

A.) This culvert is corrugated iron and the bottom has rotted out.

B.) This culvert is failing structurally and the Corps of Engineers has approved removal since water does not gravity flow through it and the gate has been permanently closed for several years.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$25,816							\$25,816
Contingency 10%	\$2,582							\$2,582
Total	\$28,398							\$28,398
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unfunded	\$28,398							\$28,398
Total	\$28,398							\$28,398

PROJECT TITLE: Levee Ditch Clearing and Tree Removal VRL-2

PROJECT TYPE: Levee Improvement

DEPARTMENT: Stormwater

DESCRIPTION:

Remove trees, vegetation, and sediment buildup running along city side of levee from north Sunflower Road at the Refinery to the Refinery Levee Pump Station. (2014)

Remove trees from the River side of the levee within 15 feet of the toe of the levee, from east 8th St south to the railroad tracks. (2015)



JUSTIFICATION:

The U.S. Army Corps of Engineers requires that ditches be free of vegetation and sediment buildup to promote good drainage and prevent damage to the levee. Also all trees and tree limbs are required to be kept a minimum of 15 feet from the levee

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$12,500	\$25,000						\$37,500
Contingency 10%	\$1,250	\$2,500						\$3,750
Total	\$13,750	\$27,500						\$41,250
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unfunded	\$13,750	\$27,500						\$41,250
Total	\$13,750	\$27,500						\$41,250

PROJECT TITLE: Rock Top Of Levee

VRL-3

PROJECT TYPE: Levee Improvement

DEPARTMENT: Stormwater

DESCRIPTION:

Re-rock the top of the levee, placing 4 inches of rock, watered down and rolled for proper compaction. Potential exists to create a walking/ hiking trail on a portion of the top of the levee, especially adjacent to Walter Johnson Park.



JUSTIFICATION:

Maintaining an adequate rock surface on the top of the levee gives personnel a safe place to drive when performing regular preventive maintenance activities, as well as checking & running the pumps & gates during storms. If a walking/ hiking trail were included, project could qualify for grant assistance in completion of this project.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction		\$59,500						\$59,500
Contingency 5%		\$2,975						\$2,975
Total		\$62,475						\$62,475
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unfunded		\$62,475						\$62,475
Total		\$62,475						\$62,475

PROJECT TITLE: Water Main Replacement, West 1st Street. **WD-1**

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

The project will consist of replacement of 1,000 ft. of 6" water main with 8" water main to include fire hydrants, valves, and new service lines in the area from the intersection of 1st & Wilkie west to Poplar then south to 2nd Street.



JUSTIFICATION:

Due to the age and condition of the undersized water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$95,000							\$95,000
Contingency 9%	\$8,550							\$8,550
Total	\$103,550							\$103,550
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund	\$103,550							\$103,550
Total	\$103,550							\$103,550

PROJECT TITLE: Water Main Replacement, 4th Street

WD-2

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

This project will replace the 6" water main with an 8" main on West 4th Street between Spruce & Grant. The project will consist of 1,500 ft. of 8" water main, fire hydrants, valves, and new service connections.



JUSTIFICATION:

Due to the age and condition of the undersized water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$95,000							\$95,000
Contingency 9%	\$8,550							\$8,550
Total	\$103,550							\$103,550
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund	\$103,550							\$103,550
Total	\$103,550							\$103,550

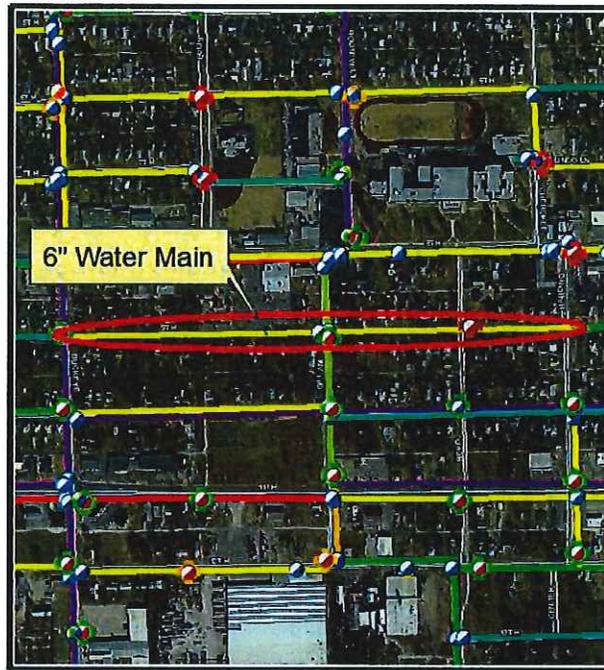
PROJECT TITLE: Water Main Replacement, West 9th Street **WD-3**

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

This project will replace the 6" water main with an 8" main on West 9th street between Harding & Buckeye. The project will consist of 2,260 ft. of 8" water main, fire hydrants, valves, and new service connections.



JUSTIFICATION:

Due to the age and condition of the undersized water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction		\$150,000						\$150,000
Contingency 9%		\$13,500						\$13,500
Total		\$163,500						\$163,500
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund		\$163,500						\$163,500
Total		\$163,500						\$163,500

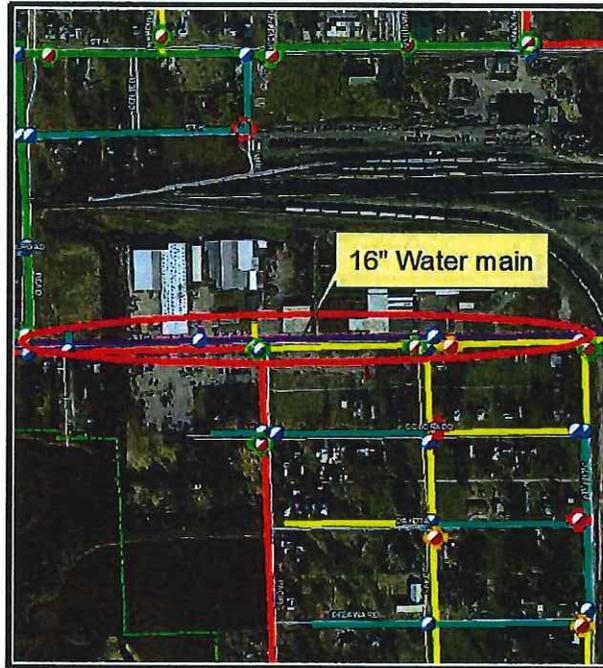
PROJECT TITLE: Water Main Replacement, 14th. Street WD-4

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

This project will replace the 16" water main on 14th street between Atlantic & Read. The project will consist of 2,200 ft. of 16" water main, fire hydrants, valves, and new service connections.



JUSTIFICATION:

Due to the age and condition of the water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction				\$280,000				\$280,000
Contingency 9%				\$25,200				\$25,200
Total				\$305,200				\$305,200
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund				\$305,200				\$305,200
Total				\$305,200				\$305,200

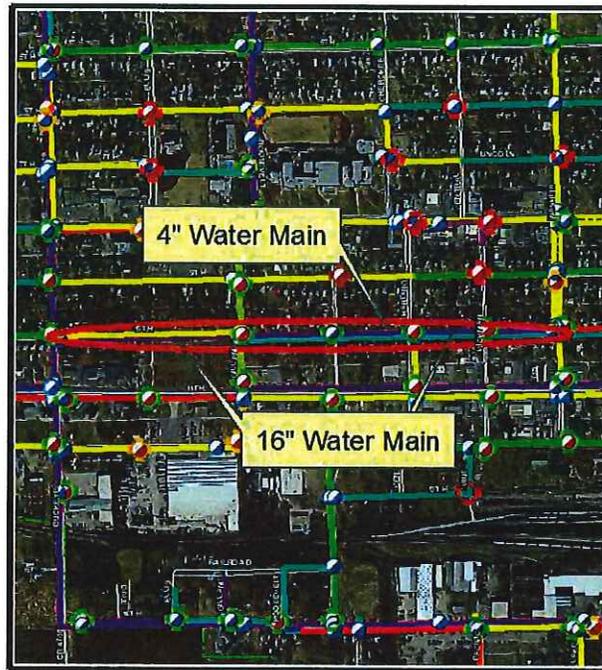
PROJECT TITLE: Water Main Replacement West 10th Street WD-5

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

This project will replace the undersized 4" water main with an 8" main and replace the 16" water main, on west 10th Street between Washita & Buckeye streets. The project will consist of 3,500 ft. of 8" water main and 3,500 ft. of 16" water main, fire hydrants, valves, and new service connections.



JUSTIFICATION:

Due to the age and condition of the water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction					\$500,000			\$500,000
Contingency 10%					\$50,000			\$50,000
Total					\$550,000			\$550,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund					\$550,000			\$550,000
Total					\$550,000			\$550,000

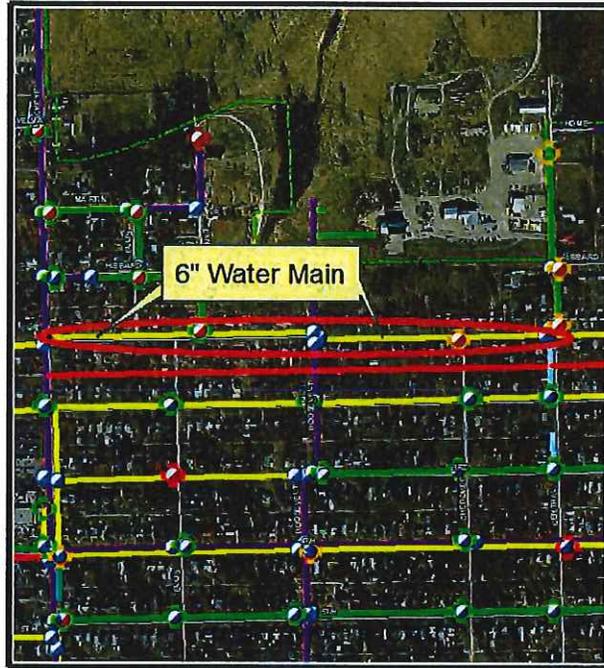
PROJECT TITLE: Water Main Replacement, West 1st Street **WD-6**

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

This project is for the replacement of the 6" water main with an 8" main on West 1st Street between Central & Buckeye. The project will consist of 2,800 ft. of 8" water main, fire hydrants, valves, and new service connections.



JUSTIFICATION:

Due to the age and condition of the water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction					\$185,000			\$185,000
Contingency 10%					\$18,500			\$18,500
Total					\$203,500			\$203,500
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund					\$203,500			\$203,500
Total					\$203,500			\$203,500

PROJECT TITLE: Water Main Replacement Old Highway 169 WD-7

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

This project will replace the 8" water main on Old Highway 169, serving the Industrial Park, from the City owned railroad tracks south to C.R. 2250. The project will include 4,600 ft. of water main, fire hydrant, valves, and commercial service connections.



JUSTIFICATION:

Due to the age and condition of the water mains in this area, we have experienced multiple water leaks as well as low flow and pressure in the area served. The line is critical to ensure reliable service to the industries in the Industrial Park area. This project is intended to increase water flow and pressure, improve fire protection, and eliminate water main leaks.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction							\$250,000	\$250,000
Contingency 10%							\$25,000	\$25,000
Total							\$275,000	\$275,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund							\$275,000	\$275,000
Total							\$275,000	\$275,000

PROJECT TITLE: Water Main Replacement, S. Walnut

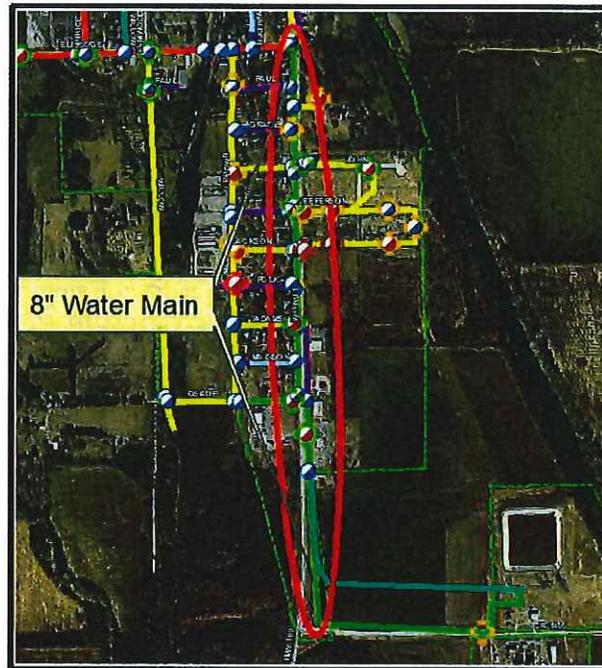
WD-8

PROJECT TYPE: Water Main Replacement

DEPARTMENT: Water Distribution

DESCRIPTION:

We will replace the water main that feeds the Waste Water Treatment Facility, starting from the intersection of Eldridge & Walnut and ending at the intersection of C.R. 1400. The project will consist of 5,500 ft. of 12" water main, fire hydrants, and valves.



JUSTIFICATION:

The existing water main on south Walnut St. is not adequate to serve any anticipated increase in water use by South Coffeyville. The water main also serves the Waste Water Treatment Facility, animal shelter, and an existing rural water district. With the potential increase in South Coffeyville water usage, we are recommending that we replace the existing 6" & 8" mains with a 12" main. We will also request 80% cost participation by the City of South Coffeyville, OK.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction							\$357,500	\$357,500
Contingency 5%							\$17,875	\$17,875
Eng. & Design						\$20,000		\$20,000
Total						\$20,000	\$375,375	\$395,375
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund						\$4,000	\$337,838	\$341,838
S Coffeyville						\$16,000	\$37,538	\$53,538
Total						\$20,000	\$375,375	\$395,375

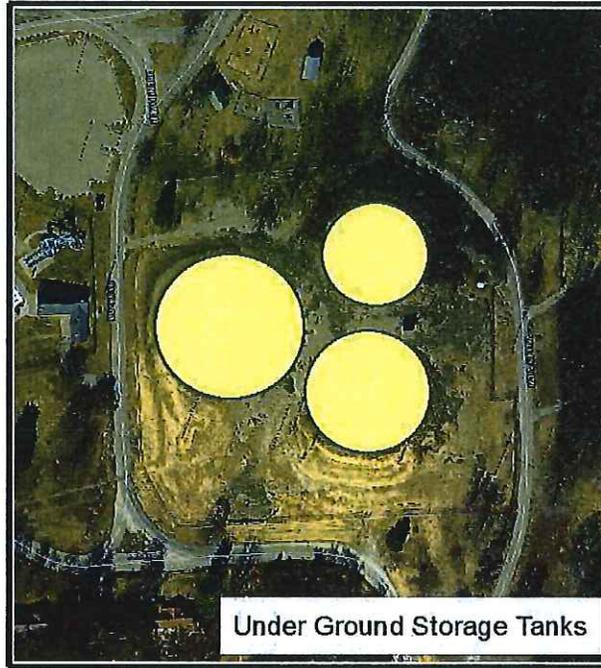
PROJECT TITLE: Water Treatment CL2 Station WT-1

PROJECT TYPE: CL2 Booster Station

DEPARTMENT: Water Treatment Plant

DESCRIPTION:

We will install a chlorine booster station in the area of the underground drinking water storage reservoirs.



JUSTIFICATION:

The City of Coffeyville currently has three underground water storage tanks located in the Pfister Park area. The city is required to maintain a minimum of 1mg/l of chlorine at its last tap on the distribution system. Currently we are unable to do this without continually flushing the system. Staff has been working with an engineering firm to help solve this problem and it is recommended that a chlorine booster station be added in the reservoir area to boost the chlorine residual leaving the reservoirs and entering the distribution system.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction	\$175,000							\$175,000
Contingency 8%	\$14,000							\$14,000
Design	\$28,000							\$28,000
Inspection	\$15,000							\$15,000
Total	\$232,000							\$232,000

OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund	\$232,000							\$232,000
Total	\$232,000							\$232,000

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Water Treatment Feeder Mains

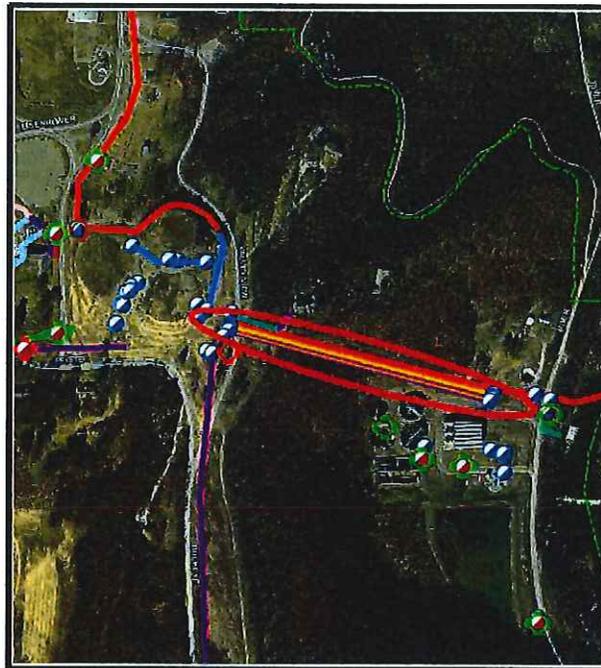
WT-2

PROJECT TYPE: Reservoir Feeder Lines

DEPARTMENT: Water Treatment Plant

DESCRIPTION:

This project will replace the water mains that supply the finished drinking water to the underground water storage reservoirs and the Industrial Park.



JUSTIFICATION:

The water mains that transport the finished drinking water from the Water Treatment Plant to the underground drinking water storage reservoirs date back to 1940. The 74 year old lines are cast iron material and currently are the only way to transfer water to the reservoirs. We recommend that total of 5 lines be replaced with 3 larger lines.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction		\$312,000						\$312,000
Contingency 8%		\$24,960						\$24,960
Eng. & Design	\$30,000							\$30,000
Total	\$30,000	\$336,960						\$366,960

OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund	\$30,000	\$336,960						\$366,960
Total	\$30,000	\$336,960						\$366,960

PROJECT TITLE: Asbury Village

WWG₁

PROJECT TYPE: Lift Station Renovation

DEPARTMENT: Wastewater Collection

DESCRIPTION:

Renovate an existing lift station with new pumps, valves, rails and controls.



JUSTIFICATION:

This sanitary sewer lift station was installed by the developer in 1990 and the property was annexed into the city limits in 1995. As part of the annexation agreement, the City took over ownership and maintenance of the station. The controls are obsolete, valves are corroded and not operable, pump rails are defective, etc. Renovation will ensure reliable sanitary sewer service.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction		\$40,000						\$40,000
Contingency 10%		\$4,000						\$4,000
Total		\$44,000						\$44,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund		\$44,000						\$44,000
Total		\$44,000						\$44,000

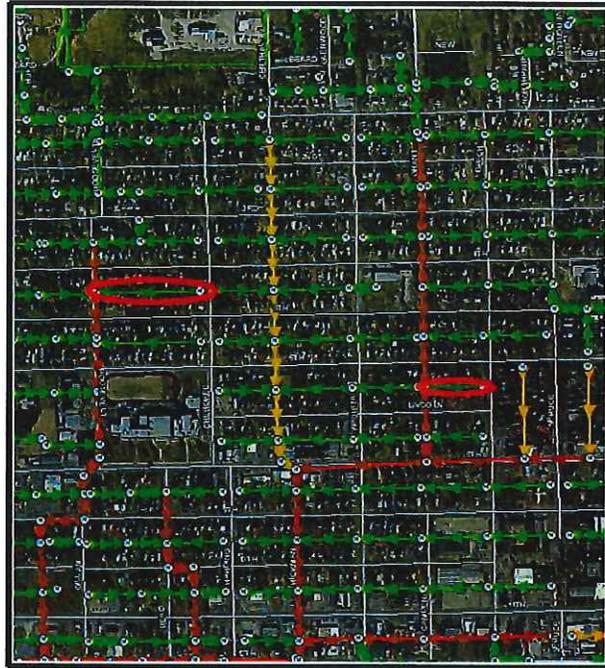
PROJECT TITLE: Sanitary sewer replacement, Beech St.  

PROJECT TYPE: Sewer Improvements

DEPARTMENT: Wastewater Collection

DESCRIPTION:

Replace the sanitary sewer lines in the alley between 6th & Lincoln from Beech to Grant, and the alley between 4th & 5th from Roosevelt to Cherokee, which will consist of 1,300 ft. of 8" pipe and new service connections.



JUSTIFICATION:

This project will decrease inflow and infiltration due to deterioration and damage to these mains. The inflow and infiltration of rain water into the system increases costs to treat the water at the Wastewater Treatment Plant and can result in overloading the system during heavy rains, leading to overflow of raw wastewater into streets and private property. Replacement of these lines will close the gaps between previous sewer line replacement projects.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction			\$130,000					\$130,000
Contingency 10%			\$13,000					\$13,000
Eng. & Design		\$25,000						\$25,000
Total		\$25,000	\$143,000					\$168,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund		\$25,000	\$143,000					\$168,000
Total		\$25,000	\$143,000					\$168,000

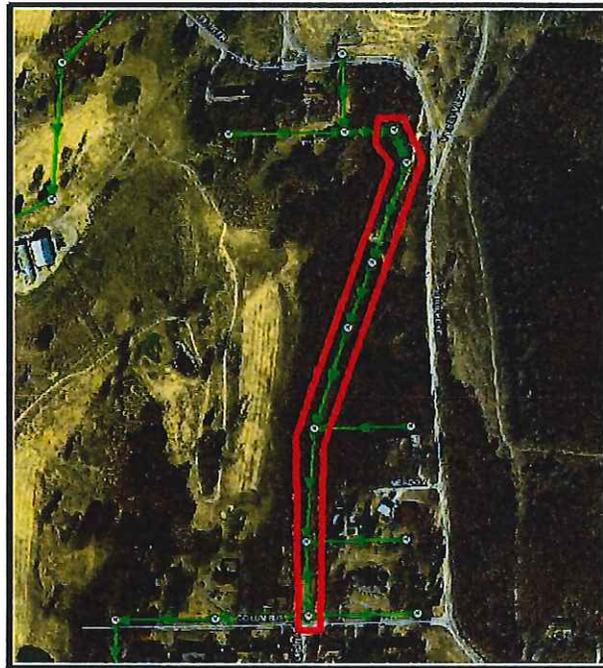
PROJECT TITLE: Sanitary sewer replacement, N. Buckeye   WWC 

PROJECT TYPE: Sewer Improvements

DEPARTMENT: Wastewater Collection

DESCRIPTION:

Replace the sanitary sewer in the area of North Buckeye and Pfister Park South to Columbus which will consist of 1,500 ft. of 8" pipe and new service connections.



JUSTIFICATION:

This project will decrease inflow and infiltration due to deterioration and damage to these mains. The inflow and infiltration of rain water into the system increases costs to treat the water at the Wastewater Treatment Plant and can result in overloading the system during heavy rains, leading to overflow of raw wastewater into streets and private property.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction				\$115,000				\$115,000
Contingency 10%				\$11,500				\$11,500
Eng. & Design			\$25,000					\$25,000
Total			\$25,000	\$126,500				\$151,500
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund			\$25,000	\$126,500				\$151,500
Total			\$25,000	\$126,500				\$151,500

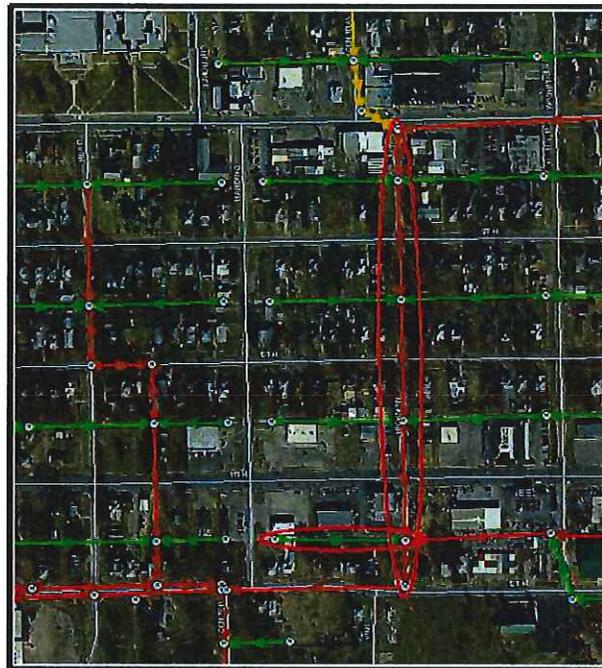
PROJECT TITLE: Sanitary sewer replacement, Hickman St. WWG 

PROJECT TYPE: Sewer Improvements

DEPARTMENT: Wastewater Collection

DESCRIPTION:

Replace the sanitary sewer line in the area from 8th street to 12th street on Hickman, and the sanitary sewer line from Harding to Hickman between 11th & 12th, which will include 2,100 ft. of 15" and 10" pipe and new service connections.



JUSTIFICATION:

This project will decrease inflow and infiltration due to deterioration and damage to these mains. The inflow and infiltration of rain water into the system increases costs to treat the water at the Wastewater Treatment Plant and can result in overloading the system during heavy rains, leading to overflow of raw wastewater into streets and private property. Replacement of these lines will close the gaps between previous sewer line replacement projects.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction					\$210,000			\$210,000
Contingency 10%					\$21,000			\$21,000
Eng. & Design				\$33,000				\$33,000
Total				\$33,000	\$231,000			\$264,000

OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund				\$33,000	\$231,000			\$264,000
Total				\$33,000	\$231,000			\$264,000

PROJECT TITLE: Amazon Lift Station

WWG

PROJECT TYPE: Lift Station Renovation

DEPARTMENT: Wastewater Collection

DESCRIPTION:

Renovate the existing sanitary sewer lift station that serves the Amazon.com Distribution Center, and convert the existing wet well to accommodate two submersible lift pumps with new rails and controls.



JUSTIFICATION:

This sanitary sewer lift station was installed by the City in 1975 to serve the facility that is now the Amazon.com Distribution Center. The station has had upgrades over the years, which consisted of new pumps, motors and level switches. The station will need to be replaced in the near future to ensure reliable sanitary sewer service to the facility and safety as it pertains to confined spaces.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Construction						\$175,000		\$175,000
Contingency 10%						\$17,500		\$17,500
Eng. & Design					\$50,000			\$50,000
Total					\$50,000	\$192,500		\$242,500
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
W/WW D/R Fund					\$50,000	\$192,500		\$242,500
Total					\$50,000	\$192,500		\$242,500

CAPITAL IMPROVEMENTS PROGRAM

PROJECT TITLE: Aquatic Center, Lazy River

AC-1

PROJECT TYPE: Lazy River

DEPARTMENT: Aquatic Center

DESCRIPTION:
Install a lazy river feature to the South end of the existing competition pool



JUSTIFICATION:
when the Aquatic Center was constructed in 2000 it was planned that the city could at some point add an additional feature to the south end of the facility. Pull boxes were installed during construction to be utilized for the electrical needs of future features. Pumps were also sized to accommodate a new feature. The intent is that by adding new features to our facility attendance will improve.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Design 8%							\$68,000	\$68,000
Construction							\$850,000	\$850,000
Inspection 6%							\$51,000	\$51,000
Total							\$969,000	\$969,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unidentified							\$969,000	\$969,000
Total							\$969,000	\$969,000

PROJECT TITLE: Hillcrest Golf Course, Greens

HCG-1

PROJECT TYPE: Re-shape Greens

DEPARTMENT: Hillcrest Golf Course

DESCRIPTION:
Cut and re-shape contours and sprig with Ultra Bermuda on the following greens, #12, #16, #17, #18.



JUSTIFICATION:
Performing this project on the above mentioned greens will allow for more efficient maintenance and more usable green area for better pin placement.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Eng. & Design 18%							\$18,180	\$18,180
Construction							\$110,000	\$110,000
Total							\$128,180	\$128,180
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unidentified							\$128,180	\$128,180
Total							\$128,180	\$128,180

PROJECT TITLE: Sycamore Creek Reservoir

SW-11

PROJECT TYPE: Infrastructure Improvement

DEPARTMENT: Stormwater

DESCRIPTION:
Build a dam and reservoir north of Coffeyville on Sycamore Creek.



JUSTIFICATION:
This item was part of the Stormwater Master Plan recommendations. This reservoir would help to minimize flooding to the Sycamore Creek area within the City limits and would help to reduce erosion.

Projected Five-Year Cost Schedule

Breakdown	Prior	2015	2016	2017	2018	2019	Beyond	Total
Engineering						\$60,000		\$60,000
Construction							\$2,800,000	\$2,800,000
Contingency 10%							\$280,000	\$280,000
Land Aquisition							\$2,500,000	\$2,500,000
Total						\$60,000	\$5,580,000	\$5,640,000
OP Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cost Savings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Projected Five-Year Funding Schedule

Source	Prior	2015	2016	2017	2018	2019	Beyond	Total
Unfunded						\$60,000	\$5,580,000	\$5,640,000
Total						\$60,000	\$5,580,000	\$5,640,000