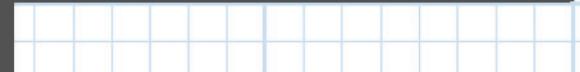
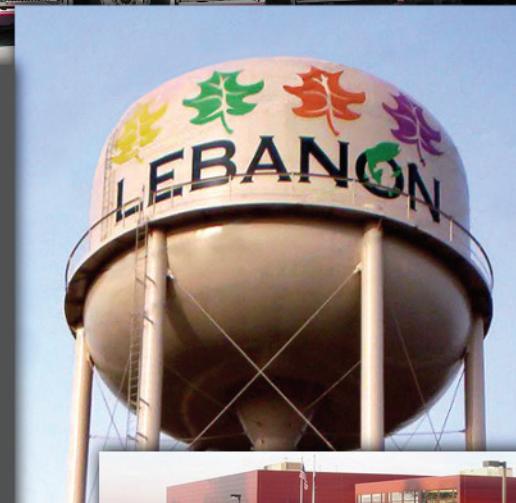




*Friendly people. Friendly place.®*

# 2013-2018 Capital Improvement Plan



## **EXECUTIVE SUMMARY**

In the course of conducting business many questions are asked of the City—Questions like who decides which roads are improved? What's the plan for park improvements? Which City facilities need to expand? Answers to these questions are contained in the City's Capital Improvement Plan (CIP). The FY2013-FY2018 CIP includes a five-year capital budget for infrastructure, parks, facilities, and other improvements which make significant contributions to our community's livability.

The CIP sets forth a systematic means to address the need to maintain, upgrade, and replace components of City infrastructure. This plan is the result of various processes and incorporates input from the public, elected officials, and various staff. As one of the primary City documents, the CIP serves as an inventory of recommended and current projects (i.e. street maintenance and landscaping) and major purchases (i.e. vehicles and facilities) that the City uses to support its services and programs.

## **INTRODUCTION**

What is a Capital Improvements Program:

A Capital Improvement Plan (Program), or CIP, is a short-range plan, usually four to ten years, which identifies capital projects and equipment purchases, provides a planning schedule and identifies options for financing the plan. The CIP sets forth proposed expenditures for systematically constructing, maintaining, upgrading, and replacing the City's physical infrastructure that is necessary for continuing operations and providing city services.

Throughout the process of formulating the CIP, needs are evaluated, improvement projects examined and prioritized, and costs estimated, allowing the City look for ways to maximize leverage of funds through partnerships with local, state and federal agencies. The CIP is reviewed annually to maintain visibility and allow for the adjustments to be made in the plans due to changes in priority as well as shifts in the fiscal environment.

A CIP provides many benefits including:

- Allows for a systematic evaluation of all potential projects at the same time.
- The ability to stabilize debt and consolidate projects to reduce borrowing costs.
- Serve as a public relations and economic development tool.
- Aids in grant funding opportunities.
- A focus on preserving a governmental entity's infrastructure while ensuring the efficient use of public funds.

## **TYPES OF CAPITAL IMPROVEMENTS INCLUDE, BUT ARE NOT LIMITED TO:**

- Electrical Distribution Lines
- Substation Upgrade
- Sewage Treatment Plant
- Sewer Mains
- Storm Water Sewers
- Street Construction Projects
- Traffic Signals
- Water Mains
- Water Towers & Wells
- New Building Construction
- Major Building Additions & Remodeling
- Land Purchases
- Park Lands and Development
- Computer Systems
- Equipment Purchases
- Fire Trucks

## **WHY IS THE CITY OF LEBANON DEVELOPING A CIP?**

It is the intention of the City of Lebanon to create a document for short range Public Works project planning, identifying the needs of the City and its citizens, to help guide the governing body, and create an effective communication tool for project development. Additional reasons to create a CIP are:

- Facilitates coordination between capital needs and the operating budgets.
- Enhances the community's credit rating, control of its tax rate, and avoids sudden changes in its debt service requirements.
- Identifies the most economical means of financing capital projects.
- Increases opportunities for obtaining federal and state aid.
- Relates public facilities to other public and private development and redevelopment policies and plans.
- Focuses attention on community objectives and fiscal capacity.
- Keeps the public informed about future needs and projects.
- Coordinates the activities of neighboring and overlapping units of local government to reduce duplication.
- Encourages careful project planning and design to avoid costly mistakes and help a community reach desired goals.

## **CITY OF LEBANON'S STRATEGY FOR THE CAPITAL IMPROVEMENT PROGRAM**

In creating the CIP the City must endeavor to balance its resources among previously committed projects, major reconstruction and maintenance needs, and new projects. The capital improvements program was formulated with various obligations in mind, including debt service requirements, federal and state mandates, and cooperative funding agreements.

Funding decisions in the CIP are based on need as reflected in infrastructure condition assessments and growth patterns, with an additional effort made to complete projects begun in previous years. The first step is to determine the status of previously approved projects underway, determine whether additional funds are required, and determine the amount of unspent funds available from completed and discontinued projects. The benefit of this update is that officials involved in the budget process will be kept informed of the progress of projects approved in prior years.

Once previous obligations have been addressed, the remaining resources are divided among maintenance, rehabilitation and new construction. Maintenance projects undertaken through the CIP include the large annual projects necessary to ensure that existing infrastructure does not deteriorate and remains in a usable state. Rehabilitation projects are initiated in those cases when infrastructure has experienced measurable deterioration but is safer or more economical to rebuild. Finally, meeting the development or redevelopment needs of the community necessitate the addition of capital infrastructure to the City systems. The result of the staff's effort to balance these factors over the next five years is represented in this document.

To determine additional needs the budget team will solicit, compile and evaluate project requests from each department through submittal of a request which include a statement of the need and justification for the project, its costs, its net effect on the operating budget over the projects lifetime, and an implementation schedule.

Annual updating of the Capital Program involves repeating the above steps to reflect new information, policies and proposed projects. The affected departments should review and revise the entire program as necessary to reflect its most recent determination of the need for equipment, maintenance of equipment, the town's social and environmental conditions.

Where possible, capital improvement projects which are preferred are those which have a long useful life, benefit the City as a whole, maintain or increase the citizen's quality of life, and either protect or have no adverse impact on the environment.

## City of Lebanon's History of Capital Improvement Programs

- Elm Street – Work officially started on the Elm Street project in December 2006 with the initial utility work, street work starting in March of 2007. Except for a brief pause in work between Phase 1 and Phase 2 work was continuous until completion in April of 2012. When completed 15,800 linear feet of Elm Street was reconstructed for a total materials cost of \$5,929,389 or \$375.28 per linear foot. The bulk of the funding for this project came from the Transportation Sales Tax which is used exclusively for street projects.

## FUNDING SOURCES

The Capital Improvements Program (CIP) uses a variety of funding sources to support projects. Many factors can impact these streams of funding over the course of the next five years. An annual revision process will allow for more flexibility to change course in order to meet the public's needs and respond to the economic issues that can change project dynamics. This section outlines some of the more common funding sources used in the CIP.

- Capital Improvement Fund - The purpose of the Capital Improvement Fund is to establish and cover multi-year expenditures of major capital projects and expenditures for all General Government programs. The adopted capital improvement projects expenditures are identified in the last section of this document. The CIP Fund receives transfers from the General Fund based on the long-term capital budget needs of the various City departments and the Recreation programs.
- Enterprise Funds - These funds are derived from fees and charges for services provided by operations of the utilities. Budget and accounting units are created for particular purposes, such as water and sewer or other self-sustaining operations, to separate the revenue and financial control of such operations from the General Fund.
  - Electric – (Enterprise Fund)
  - Sewer – (Enterprise Fund)
  - Water – (Enterprise Fund)
  - Parks Tax – (Enterprise Fund)
- Transportation Sales Tax (1/2 Cent) – All moneys received by a city imposing a sales tax shall be deposited by the city treasurer, or other city officer authorized by ordinance, in a special fund to be known as the "Transportation Trust Fund". All moneys in such transportation trust fund shall be appropriated and disbursed only for transportation purposes as enumerated herein.
- Capital Improvements Tax (1/2 Cent) - All revenue received by a municipality from the tax authorized under the provisions of this section shall be deposited in a special trust fund and shall be used solely for capital improvements, including the operation and maintenance of capital improvements, for so long as the tax shall remain in effect.

- Motor Vehicle Sales Tax – All revenues derived from the motor fuel tax imposed upon highway users as an incident to their use of the highways of the state shall be deposited in the state treasury to the credit of this fund. A percentage of the net proceeds shall be allocated to the several cities, towns and villages entitled thereto pursuant to the provisions of article IV, section 30(a) of the state constitution.
- CDBG (Community Development Block Grant) - Missouri Department of Economic Development administers Community Development Block Grant Program. The Community Development Block Grant Program (CDBG) offers grants to small Missouri communities to improve local facilities, address critical health and safety concerns, and develop a greater capacity for growth. Funds are offered for projects that can range from housing and street repairs to industrial loans and job training.
- STP (Statewide Transportation Improvement Program) - The Missouri Department of Transportation (MoDOT), in accordance with state and federal law, prepares and administers the Statewide Transportation Improvement Program (STIP). The STIP, prepared annually, sets forth the specific construction projects the Missouri Department of Transportation MoDOT will undertake in the next five years. It covers highways and bridges, transit, aviation, rail, waterways, enhancements and other projects. Funding for the STIP comes from the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Vision 100-The Century Aviation Reauthorization Act and state revenue. State transportation officials use the STIP as a project-specific document to communicate to Missourians what improvements to expect on their transportation system during a particular period of time.
- Department of Natural Resources- The Missouri Department of Natural Resources offers numerous opportunities for financial assistance including tax credits and exemptions, loans and grants. These opportunities are available for private individuals, communities, organizations and companies. Assistance can range from help in rehabilitating a historic building or building an erosion-control structure, to building sewer and water systems and cleaning up leaking underground storage tanks.

- MODoT (Missouri Department of Transportation Enhancement Grant (Two Grants))
  - City Sidewalk Expansion Project - master plan to create a network of sidewalks enabling citizens to safely navigate about the city without the need for a vehicle. Transportation enhancement funds can reimburse up to 80 percent of the total project cost. The minimum federal share request is \$25,000.
  - Downtown ADA Ramp Upgrade - This project encompasses improvements for ADA compliance of existing pedestrian facilities. Transportation enhancement funds can reimburse up to 80 percent of the total project cost. The minimum federal share request is \$25,000.
- COP (Certificate of Participation) Bond - A type of financing where an investor purchases a share of the lease revenues of a program rather than the bond being secured by those revenues. The authority usually uses the proceeds to construct a facility that is leased to the municipality, releasing the municipality from restrictions on the amount of debt that they can incur.

**PROPOSED CAPITAL IMPROVEMENT EQUIPMENT PURCHASES****CIVIC CENTER EQUIPMENT PURCHASES**

EQUIPMENT	Department	2013	2014	2015	2016	2017	TOTALS
Boom Lift	Civic Center	\$50,000					\$50,000
½ Ton Pickup Truck	Civic Center	\$16,000					\$16,000
						<b>EQUIPMENT TOTAL</b>	<b>\$66,000</b>

**FACILITIES EQUIPMENT PURCHASES**

EQUIPMENT	Department	2013	2014	2015	2016	2017	TOTALS
24in Flat Bed Trailer	Facilities	\$5,800					\$5,800
38in Zero Turn Mower	Facilities	\$5,700					\$5,700
66in Zero Turn Mower	Facilities	\$9,200					\$9,200
						<b>EQUIPMENT TOTAL</b>	<b>\$20,700</b>

**PARKS EQUIPMENT PURCHASES**

EQUIPMENT	Department	2013	2014	2015	2016	2017	TOTALS
½ Ton Pickup Truck	Parks	\$17,500					\$17,500
60in or 66in Mower	Parks	\$10,000					\$10,000
Gator Utility Vehicle	Parks	\$7,500					\$7,500
						<b>EQUIPMENT TOTAL</b>	<b>\$34,500</b>

**PUBLIC WORKS EQUIPMENT PURCHASES**

EQUIPMENT	FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Digital Radios – Elec	Electric Operation	\$20,000					\$20,000
Digital Radios – Street	Motor Fuel Tax & Motor Vehicle Tax	\$11,050					\$11,050
Digital Radios – WW	Sewer Fund	\$10,500					\$10,500
Digital Radios – WTR	Water Fund	\$9,500					\$9,500
Vehicle Replacement	Electric Operation	\$250,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,050,000
Oil Distributor Truck	Motor Fuel Tax & Motor Vehicle Tax			\$75,000			\$75,000
All Weather Sampler	Sewer Fund	\$6,500					\$6,500
Portable Sampler	Sewer Fund	\$3,700					\$3,700
Portable Generator	Sewer Fund		\$30,000				\$30,000
1 Ton Service Truck	Sewer Fund	\$60,000					\$60,000
Underground Utilities Locator	Water Fund	\$5,000					\$5,000
Backup Generator	COP Bond	\$55,000					\$55,000
						EQUIPMENT TOTAL	\$1,336,250

# Capital Improvement Plan 2013

## CAPITAL IMPROVEMNET PROJECTS LISTED IN ALPHABETICAL ORDER

PROJECT NAME	PROJECT NUMBER	PROJECT COST	YEAR	DEPARTMENT	PAGE
69 kV Transmission Pole Replacements	EL13-001	\$42,000.00	2013	Electric	10
Addition To Fire Station 2	FD13-001	\$10,000.00	2013	Fire Department	11
Atchley Park Second Entrance	PK13-001	\$22,000.00	2013	Parks	12
Atchley Park Walking Trail Lights	PK13-002	\$4,500.00	2013	Parks	13
BAC Climbing Wall	PK13-003	\$7,500.00	2013	Parks	14
Brice Street Asphalt Overlay	ST13-001	\$73,552.00	2013	Streets	15
Bunker Gear Replacement	FD13-002	\$61,200.00	2013	Fire Department	16
Capital Software Purchase	AD13-001	\$100,000.00	2013	Administration	17
Chip/Seal Surface Restoration	ST13-002	\$78,000.00	2013	Streets	18
Clarifier Skirt Replacement (x3)	WW13-002	\$60,000.00	2013 - 2015	Sanitary Sewer	19
Distribution Pole Changes	EL13-002	\$42,981.00	2013 - 2017	Electric	20
Downtown Streetlight Replacement	EL13-003	\$152,000.00	2013	Electric	21
Dowco Building	ED13-001	\$10,000.00	2013	Economic Development	22
Fleet Staff Vehicles	FD13-003	\$79,000.00	2013 - 2014	Fire Department	23
Freemont Road Underground Replacement	EL13-004	\$92,573.00	2013	Electric	24
HVAC Compressors	CC13-001	\$110,000.00	2013	Civic Center	25
Information Technology	AD13-002	\$75,000.00	2013	Administration	26
Laboratory Building Maintenance	WW13-004	\$21,000.00	2013	Sanitary Sewer	27
Landscape	CC13-002	\$5,000.00	2013	Civic Center	28
Lost Valley to Fremont Estates Tie Line	EL13-005	\$14,593.00	2013	Electric	29
Mills Center Card Reader	FM13-001	\$2,500.00	2013	Facilities Management	30
Nelson Education Center Remodel	FM13-002	\$40,000.00	2013	Facilities Management	31
Nelson Park (Phase One)	PK13-008	\$438,890.00	2013	Parks	32
New Infield Materials	PK13-007	\$5,000.00	2013	Parks	33
Office Furniture	FD13-004	\$5,000.00	2013 - 2014	Fire Department	34
Painting Of Fire Station 2	FD13-005	\$25,000.00	2013	Fire Department	35
Playground Fall Protection	PK13-006	\$5,000.00	2013	Parks	36
Pool Dehumidifier	CC13-003	\$100,000.00	2013	Civic Center	37
Portable ADA lift chair for BAC	PK13-004	\$7,500.00	2013	Parks	38
Public Water District 3 Customer Project	WT13-001	\$60,000.00	2013	Water	39
Rapid Intervention Team (Rit) Kit	FD13-006	\$4,000.00	2013	Fire Department	40
Reeves Tower Renovation	WT13-002	\$250,000.00	2013	Water	41
Reseal Atchley Park Walking Trail	PK13-005	\$4,500.00	2013	Parks	42
Sewer Extension - 212 S Jackson Avenue	WW13-001	\$17,800.00	2013	Sanitary Sewer	43
Sewer Extension - Highway YY	WW13-003	\$26,300.00	2013	Sanitary Sewer	44
Sewer Extension - Oak & Catlin	WW13-005	\$15,000.00	2013	Sanitary Sewer	45
Sewer Extensions (Short)	WW13-006	\$9,250.00	2013	Sanitary Sewer	46
Sidewalk Improvements	ST13-003	\$248,178.00	2013	Streets	47
South Tower Road Replacement	WW13-007	\$6,000.00	2013	Sanitary Sewer	48
Substation #2 Improvements	EL13-006	\$110,000.00	2013	Electric	49
Substation Breaker Relay Replacement	EL13-007	\$54,000.00	2013	Electric	50
Tower Road Improvements	ST13-004	\$597,456.00	2013	Streets	51
Utah Tower Renovation	WT13-003	\$300,000.00	2013	Water	52
Wall Panels	CC13-004	\$50,000.00	2013	Civic Center	53
Washington Avenue Asphalt Overlay	ST13-005	\$33,759.00	2013	Streets	54
Well House Renovation	WT13-004	\$50,000.00	2013	Water	55
Wellness Room Air Conditioner	CC13-005	\$80,000.00	2013	Civic Center	56

# 69 kV TRANSMISSION POLE REPLACEMENTS

**PROJECT NUMBER: EL13-001**

**IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Electric

**DESCRIPTION:** Purchase and replace nine wooden poles and insulators installed in the early 1970's with steel poles.

**JUSTIFICATION:** Cost of wood verses steel and life of steel; 50 plus years verses 25 - 30 years for wood. Poles were identified through our system inspection program.

**LOCATION:** 69 kV line from Substation #1 to Substation #7 on Wire Road



## ADDITION TO FIRE STATION 2

**PROJECT NUMBER:** FD13-001

**IMPROVEMENT TYPE:** Buildings and Improvements

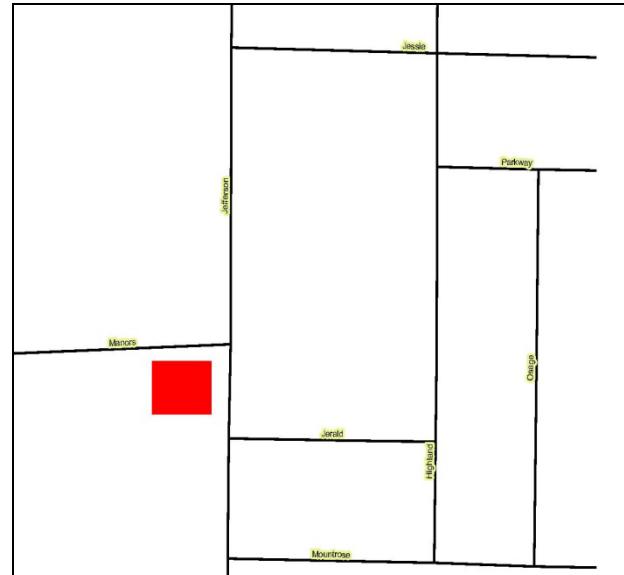
**DEPARTMENT:** Fire

**DESCRIPTION:** Addition to fire station 2 for storage and workspace.

**JUSTIFICATION:** Construction of approximately 120 square feet of storage and workspace. Fire station 2 currently does not have any such workspace. A bedroom is being utilized as storage for office supplies and cleaning products. The bay area is also congested and presents some hazards when walking in the bay area.

**LOCATION:** Lebanon Fire Department

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
General Fund	\$10,000					\$10,000
					PROJECT TOTALS	\$10,000



## ATCHLEY PARK SECOND ENTRANCE

**PROJECT NUMBER:** PK13-001

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Parks

**DESCRIPTION:** Add second access point to park from Goldenwood Road.

**JUSTIFICATION:** Increase safety for park patrons and allow for better traffic circulation.

**LOCATION:** Atchley Park

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
Park funds	\$22,000					\$22,000
					<b>PROJECT TOTALS</b>	<b>\$22,000</b>



## ATCHLEY PARK WALKING TRAIL LIGHTS

**PROJECT NUMBER:** PK13-002

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Parks

**DESCRIPTION:** Installation of lights around the Atchley Park walking trail.

**JUSTIFICATION:** Increase safety for walking trail users.

**LOCATION:** Atchley Park

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
Park funds	\$10,000					\$10,000
						<b>PROJECT TOTALS</b>
						\$10,000



## BAC CLIMBING WALL

**PROJECT NUMBER:**

**IMPROVEMENT TYPE:** Infrastructure

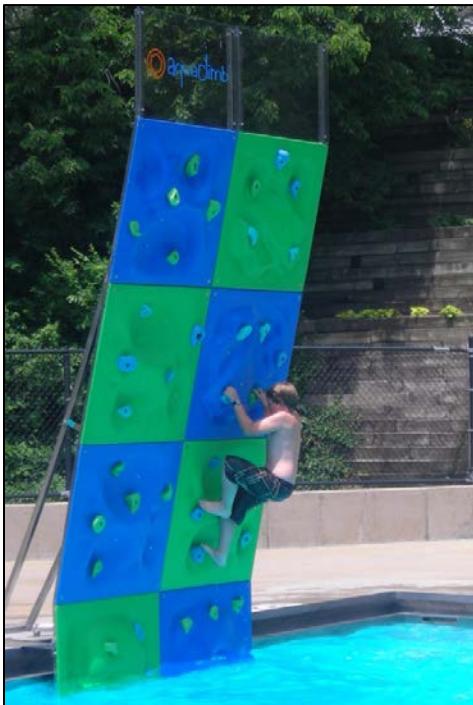
**DEPARTMENT:** Parks

**DESCRIPTION:** Pool climbing wall will replace one of the old diving boards.

**JUSTIFICATION:** The cost of the wall is just a little more than replacement of the diving board. This will give the pool a new added feature instead of duplicating an existing activity.

**LOCATION:** Boswell Aquatic Center

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Park Fund	\$7,500					\$7,500
						PROJECT TOTALS
						\$7,500



# BRICE STREET ASPHALT OVERLAY

**PROJECT NUMBER:** ST13-001

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Street

**DESCRIPTION:** 2in – 2.5in Asphalt overlay of existing street pavement surface on 3,320ft of Brice Street from MO Hwy. 5 to Jacket Junction.

**JUSTIFICATION:** Overlay of new asphalt pavement is needed to improve the paved surface of Brice Street. Overlay of asphalt 2.5in thick for 2,008ft and 2in thick for 1,312ft for a total of 3,320ft.

**LOCATION:** Brice Street.



## BUNKER GEAR REPLACEMENT

**PROJECT NUMBER:** FD13-002

**IMPROVEMENT TYPE:** Machinery and Equipment

**DEPARTMENT:** Fire

**DESCRIPTION:** Purchase of new bunker pants, coats, gloves, suspenders, and gear bags for personnel.

**JUSTIFICATION:** Purchase of gear will provide each firefighter, full and part-time, with two sets of gear. Plan will also establish a replacement plan for bunker gear. This should maintain a high level of firefighter safety in that gear should be no older than 8 years when it is replaced. NFPA recommends replacement every 10 years.

**LOCATION:** Lebanon Fire Department

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$61,200</b>					<b>\$61,200</b>
					<b>Project Totals</b>	<b>\$61,200</b>



## CAPITAL SOFTWARE PURCHASE

**PROJECT NUMBER:** AD13 -001

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Capital-Administration

**DESCRIPTION:** Upgrades to software and equipment for mapping and asset management and accounting programs.

**JUSTIFICATION:** Upgrades to software and equipment for mapping to increase efficiencies and system capabilities. Implement a city wide asset management and maintenance tracking system.

**LOCATION:** City Wide

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$100,000</b>					<b>\$100,000</b>
					<b>PROJECT TOTALS</b>	<b>\$100,000</b>



## CHIP/SEAL STREET PAVEMENT SURFACE RESTORATION

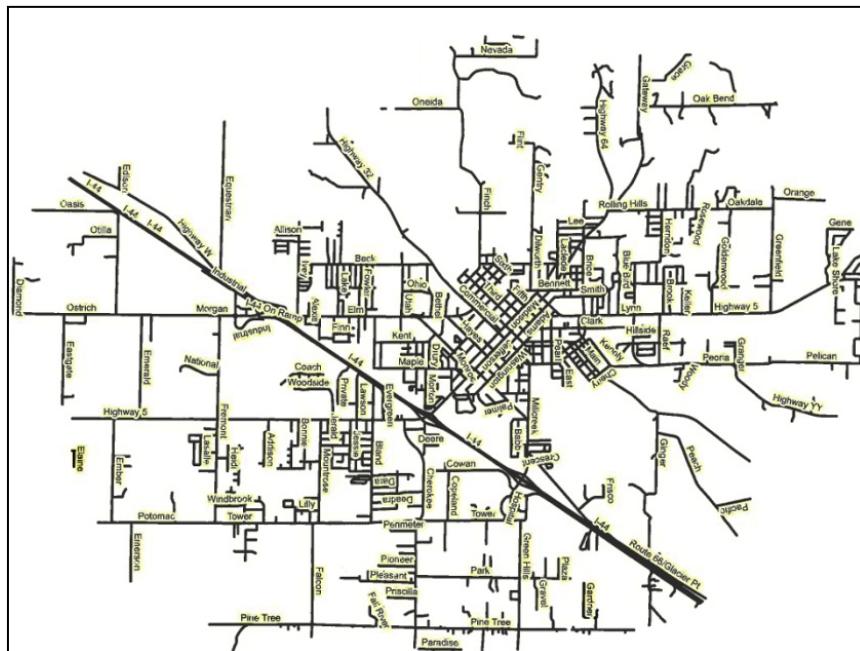
**PROJECT NUMBER:** ST13-002

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Street

**DESCRIPTION:** Chip seal

**JUSTIFICATION:** Chip seal asphalt oil and rock surface treatment for restoration and preservation of asphalt pavement surface to 14,605ft of street.



## CLARIFIER SKIRTING

**PROJECT NUMBER:** WW13-002

**IMPROVEMENT TYPE:** Machinery and Equipment

**DEPARTMENT:** Wastewater

**DESCRIPTION:** Clarifier skirting for all three clarifiers (one per year).

**JUSTIFICATION:** The skirting needs to be replaced because the existing skirting is covered in dime size holes.

**LOCATION:** Wastewater Treatment Plant

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Sewer Fund	\$20,000	\$20,000	\$20,000			\$60,000
					PROJECT TOTALS	\$60,000



## DISTRIBUTION POLE CHANGES

**PROJECT NUMBER: EL13-002**

**IMPROVEMENT TYPE:** Infrastructure

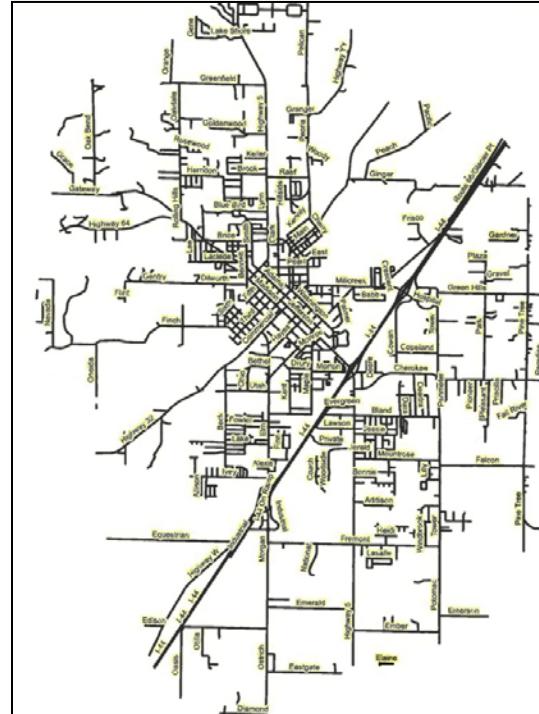
## DEPARTMENT: Electric

**DESCRIPTION:** Replace distribution poles due to age and condition.

**JUSTIFICATION:** Pole failure during wind or storm events. System reliability. Poles have been identified through our system inspection program

**LOCATION:** Various locations in system.

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Electric Operation	\$28,723	\$32,384	\$35,672	\$42,500	\$45,000	\$184,279
					PROJECT TOTALS	\$184,279



# DOWNTOWN STREETLIGHT RENOVATIONS

**PROJECT NUMBER: EL13-003**

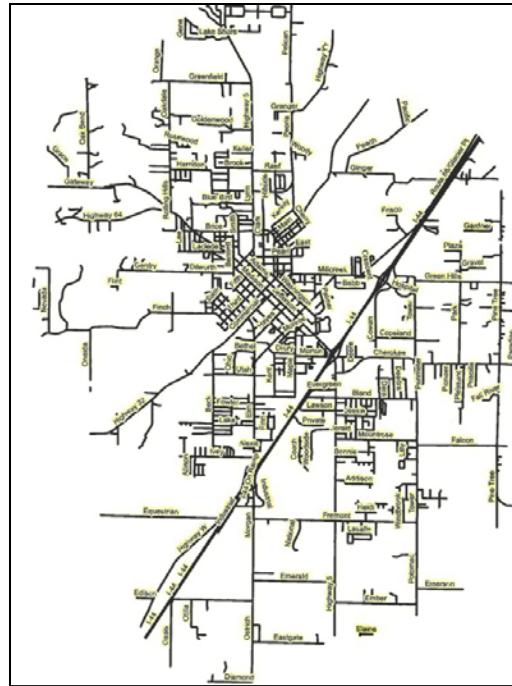
**IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Electric

**DESCRIPTION:** Replace streetlights in the downtown area with LED type lights.

**JUSTIFICATION:** Grant funding for energy efficient upgrades will allow for replacement of the existing street lights with energy efficient LED lights saving power consumption.

**LOCATION:** Washington to Van Buren and Commercial to Fourth Street.



# DOWCO BUILDING IMPROVEMENTS

**PROJECT NUMBER: ED13-001**

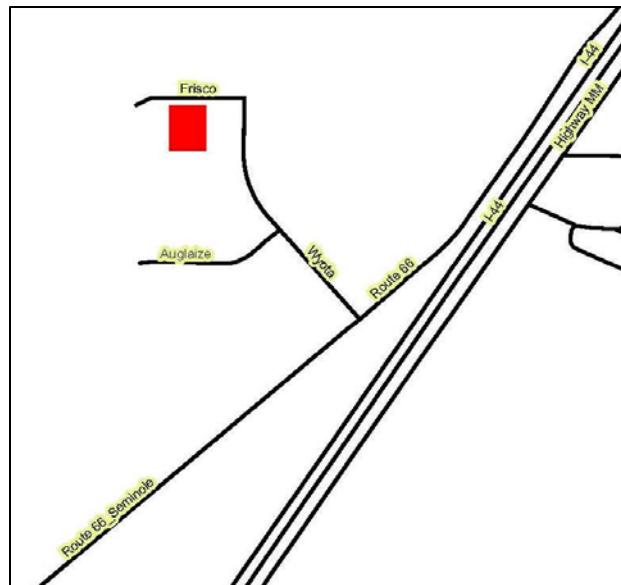
**IMPROVEMENT TYPE:** Building and Improvements

## **DEPARTMENT: Economic Development**

**DESCRIPTION:** Adding of roof access ladder to the city-owned structure occupied by Dowco.

**JUSTIFICATION:** Presently the building has no access to allow for inspection and maintenance of equipment or roofing materials.

**LOCATION:** 1610 Frisco Dr.



## FLEET STAFF VEHICLES

**PROJECT NUMBER:** FD13-003

**IMPROVEMENT TYPE:** Vehicles

**DEPARTMENT:** Fire

**DESCRIPTION:** Replace two staff SUV 4x4 vehicles with ¾-ton 4x4 vehicles with bed cap covers.

**JUSTIFICATION:** Replacement of two SUV's, which are over eight years old (2003, 2004), while the vehicles have a reasonable trade-in or re-sale value. Vehicles will improve safety of staff by removing heavy equipment carried in SUV's from the passenger area. ¾ -ton vehicles may also be utilized to pull trailers utilized within the emergency service community in Lebanon and Laclede County. New vehicles will have factory warranties. Replacement plan was developed in FY12 however no purchase was made during FY12. The purchase of two vehicles in FY13 will move the plan forward and on schedule.

**LOCATION:** Lebanon Fire Department

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Capital Fund	\$53,000	\$26,000				\$79,000
					PROJECT TOTALS	\$79,000



# FREEMONT ROAD UNDERGROUND REPLACEMENT

**PROJECT NUMBER: EL13-004**

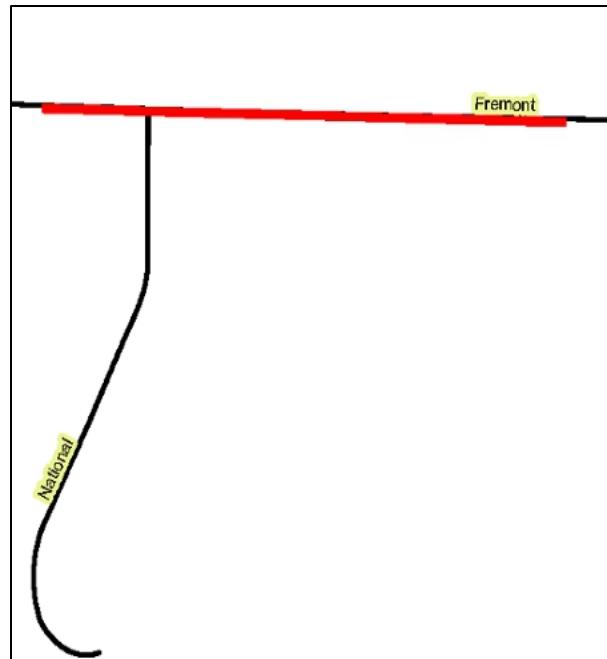
**IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Electric

**DESCRIPTION:** Install new conduit and wire.

**JUSTIFICATION:** Existing line is currently out of service and has experienced several faults over the past 4 or 5 years compromising service reliability.

**LOCATION:** West Fremont Road from South 5 to Regal Beloit.



## HVAC COMPRESSORS

**PROJECT NUMBER:** CC13-001

**IMPROVEMENT TYPE:** Building and Improvements

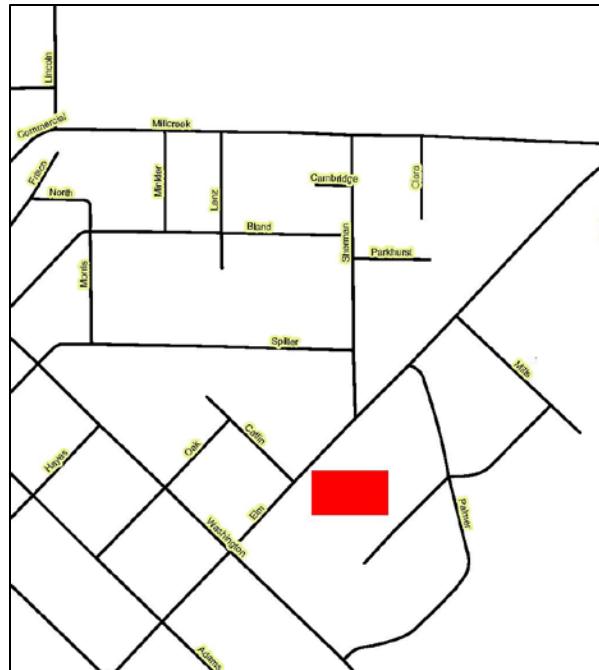
**DEPARTMENT:** Facilities

**DESCRIPTION:** Replace inoperable compressors on HVAC units.

**JUSTIFICATION:** Several HVAC units have one or more malfunctioning or non-functional compressors.

**LOCATION:** Cowan Civic Center

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$110,000</b>					<b>\$110,000</b>
						<b>PROJECT TOTALS</b>
						<b>\$110,000</b>



# INFORMATION TECHNOLOGY

**PROJECT NUMBER:** AD13-002

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Information Technology

**DESCRIPTION:** Upgrades and replacement of city wide computing infrastructure

**JUSTIFICATION:** Updating of computers, servers, and software nearing the end of its expected lifecycle.

**LOCATION:** City Wide



# LABORATORY BUILDING MAINTENANCE

**PROJECT NUMBER:** WW13-004

**IMPROVEMENT TYPE:** Building and Improvements

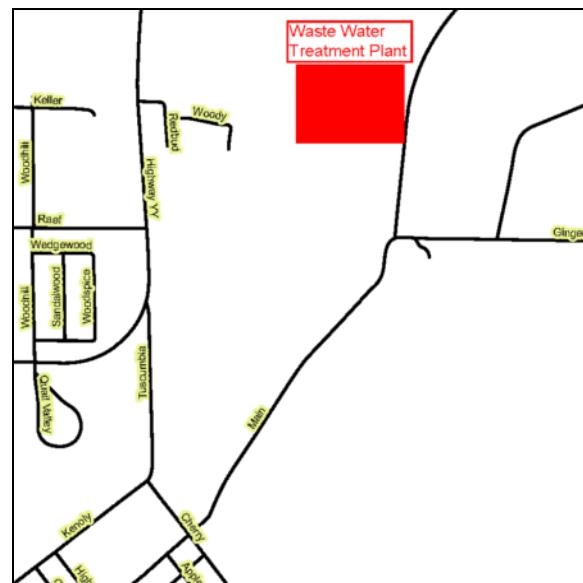
**DEPARTMENT:** Wastewater

**DESCRIPTION:** Replace existing windows and roof on library building.

**JUSTIFICATION:** Existing windows and roof are 35 years old and have exceeded their life cycle.

**LOCATION:** Wastewater Treatment Plant

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Sewer Fund (Windows)	\$5,000					\$5,000
Sewer Fund (Roof)	\$16,000					\$16,000
					PROJECT TOTALS	\$21,000



## LANDSCAPE

**PROJECT NUMBER:** CC13-002

**IMPROVEMENT TYPE:** Building and Improvements

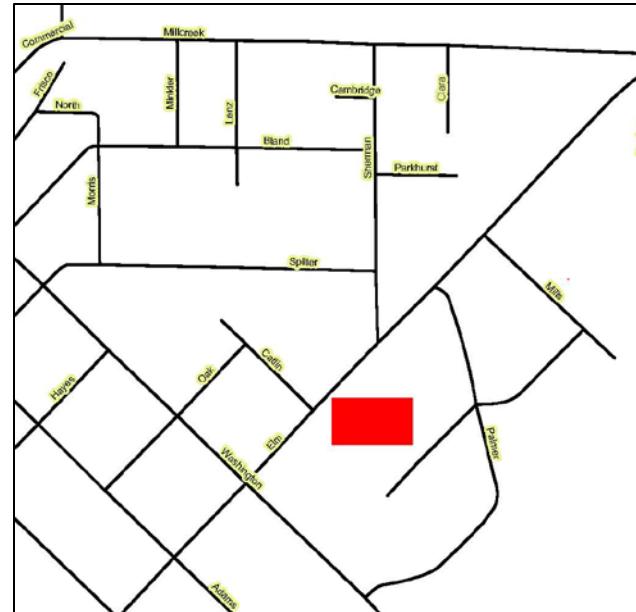
**DEPARTMENT:** Cowan Civic Center

**DESCRIPTION:** Replacement of shrubs and mulch in front of Cowan Civic Center.

**JUSTIFICATION:** Planting and installation of lower maintenance items.

**LOCATION:** Front entrance of Cowan Civic Center

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$5,000</b>					<b>\$5,000</b>
					<b>PROJECT TOTALS</b>	<b>\$5,000</b>



## LOST VALLEY TO FREMONT ESTATES TIE LINE

**PROJECT NUMBER:** EL13-005

**IMPROVEMENT TYPE:** Infrastructure

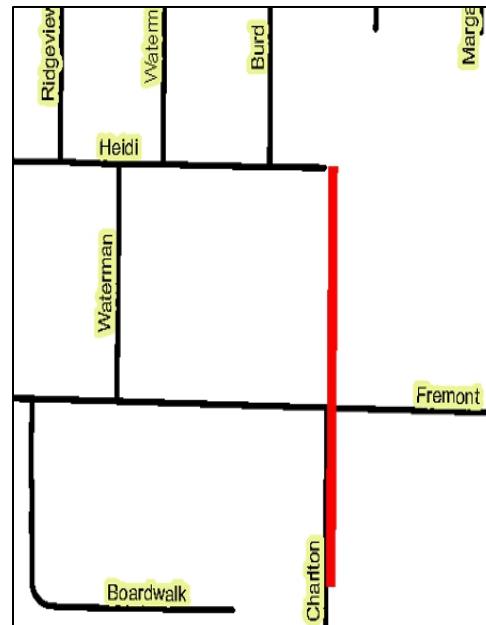
**DEPARTMENT:** Electric

**DESCRIPTION:** Build a tie line for system reliability from Fremont Estates to Lost Valley subdivision. During the 2007 Ice Storm 123 customers were without power due to broken pole. This proposed tie line would allow power restoration within minutes, verses hours (12hrs).

**JUSTIFICATION:** Increase utility service reliability.

**LOCATION:** Fremont Road between Lost Valley and Fremont Estates.

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Electric Operation	\$14,593					\$14,593
						PROJECT TOTALS \$14,593



## MILL CENTER CARD READER

**PROJECT NUMBER:** FM13-001

**IMPROVEMENT TYPE:** Building and Improvements

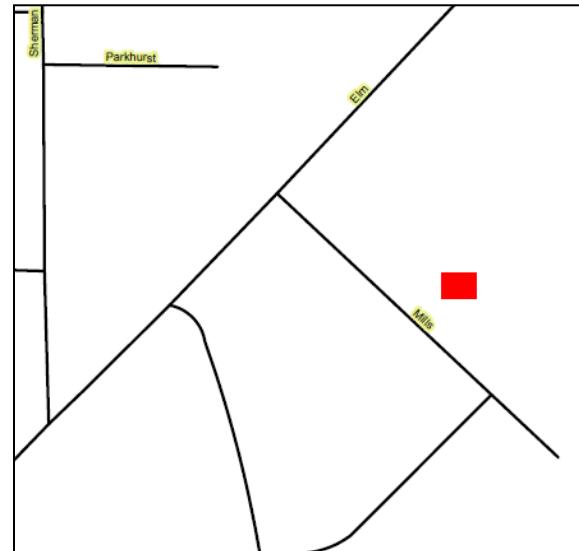
**DEPARTMENT:** Facilities Management

**DESCRIPTION:** Installation of card reader system for entrance at Mills Center.

**JUSTIFICATION:** Will enable greater access control over vendors utilizing the Mills Center.

**LOCATION:** Mills Center

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$2,500</b>					<b>\$2,500</b>
					<b>PROJECT TOTALS</b>	<b>\$2,500</b>



## NELSON EDUCATION CENTER REMODEL

**PROJECT NUMBER:** FM13-002

**IMPROVEMENT TYPE:** Building and Improvements

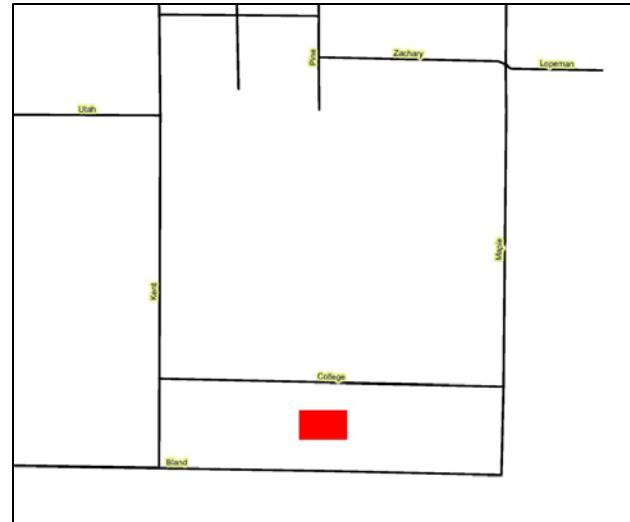
**DEPARTMENT:** Facilities Management

**DESCRIPTION:** Make more efficient use of underutilized space in existing building, to allow for more tenant occupancy.

**JUSTIFICATION:** Presently, the middle section of the building is unoccupied, and the current tenants of Doodlebugs Playhouse and Drury University are not making the most efficient use of the space available.

**LOCATION:** Nelson Education Center

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
<b>Capital Fund</b>	<b>\$40,000</b>					<b>\$40,000</b>
					<b>PROJECT TOTALS</b>	<b>\$40,000</b>



## NELSON PARK (PHASE ONE)

**PROJECT NUMBER:** PK13-008

**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Parks

**DESCRIPTION:** Includes improvements and new additions to the Lake area of Nelson Park. See attachment list.

**JUSTIFICATION:** It is part of the Parks Master Plan and has been through two public meeting and numerous newspaper articles with no objections from anyone.

**Location:** Nelson Park

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$438,890</b>					<b>\$438,890</b>
					<b>PROJECT TOTALS</b>	<b>\$438,890</b>



## NEW INFIELD MATERIALS

**PROJECT NUMBER:** PK13-007

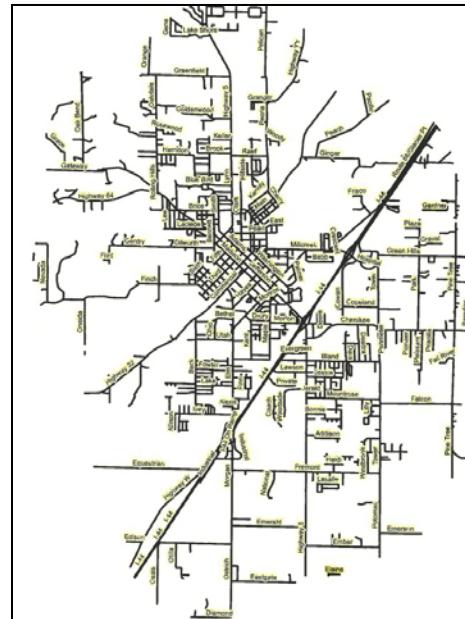
**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Parks

**DESCRIPTION:** Red infield material to mix with our existing material.

**JUSTIFICATION:** Red infield material to mix with our existing material to help with coloring, playability and reduce complaints. We did a test field at Boswell and it has met with overwhelming approval.

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Park funds</b>	<b>\$5,000</b>					<b>\$5,000</b>
					<b>PROJECT TOTALS</b>	<b>\$5,000</b>



## OFFICE FURNITURE

**PROJECT NUMBER:** FD13-004

**IMPROVEMENT TYPE:** Furniture and Fixtures

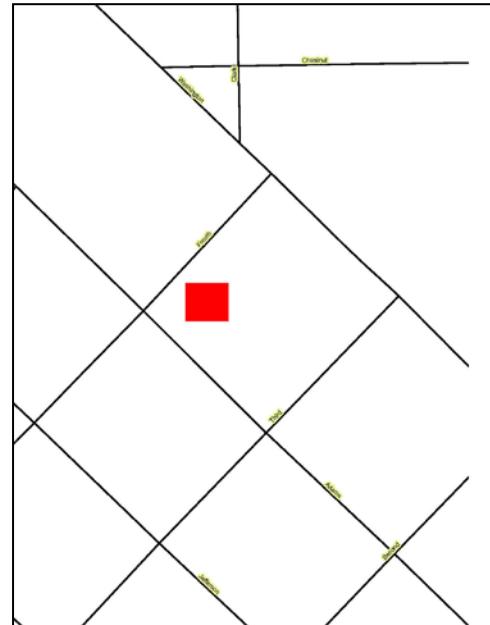
**DEPARTMENT:** Fire

**DESCRIPTION:** Purchase of office furniture for Captain's Office at Fire Station 1.

**JUSTIFICATION:** Replacement of office furniture utilized by Captains. The Fire Department has been managing a furniture replacement plan for three years. There are two areas which need new furniture remaining at Fire Station 1. The first is the Captains office the last is the reception area. These purchases will complete the office furniture.

**LOCATION:** 370 N. Adams, Fire Station 1.

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>General Fund</b>	<b>\$2,500</b>	<b>\$2,500</b>				<b>\$5,000</b>



## PAINTING OF FIRE STATION 2

**PROJECT NUMBER:** FD13-005

**IMPROVEMENT TYPE:** Building and Improvements

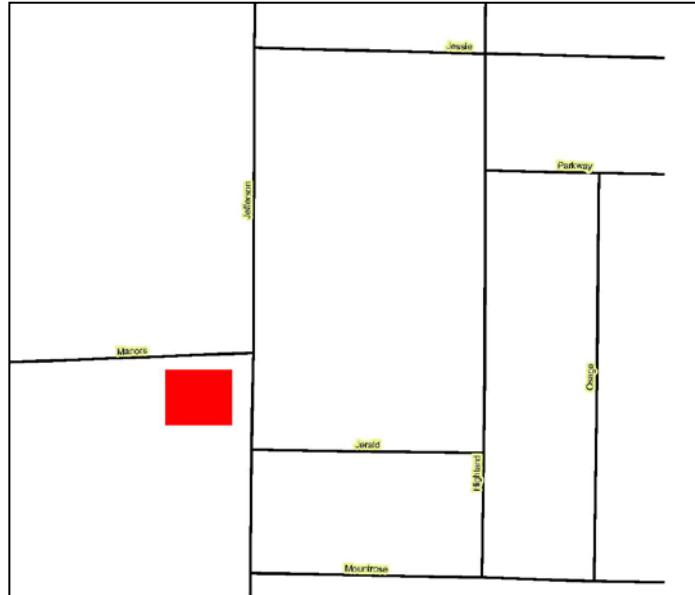
**DEPARTMENT:** Fire

**DESCRIPTION:** Paint exterior of Fire Station 2 and interior of bay area.

**JUSTIFICATION:** To the best of our knowledge the exterior of station 2 has not been painted since the building was constructed in 1973. Painting will help to seal the exterior surfaces and protect the building. The interior bay area is in need of repainting due to diesel soot. A vehicle exhaust system has been placed in the building to reduce or eliminate further diesel soot issues.

**LOCATION:** South Highway 5, Fire Station 2.

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
General Fund	\$25,000					\$25,000
						PROJECT TOTALS \$25,000



## PLAYGROUND FALL PROTECTION

**PROJECT NUMBER:** PK13-006

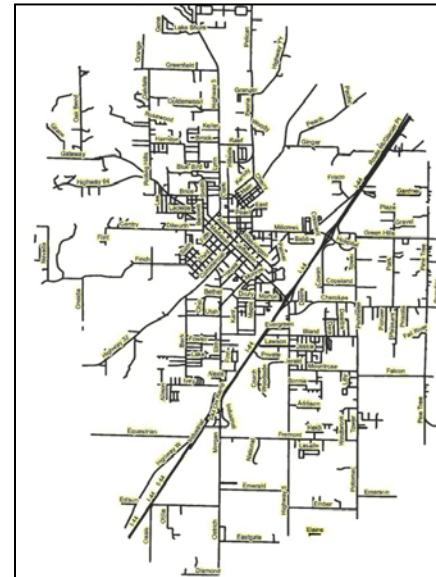
**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Parks

**DESCRIPTION:** Fall protection for use in and around playground equipment in the parks.

**JUSTIFICATION:** Safety for playground equipment user.

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Park funds</b>	<b>\$5,000</b>					<b>\$5,000</b>
					<b>PROJECT TOTALS</b>	<b>\$5,000</b>



# POOL DEHUMIDIFIER

**PROJECT NUMBER:** CC13-003

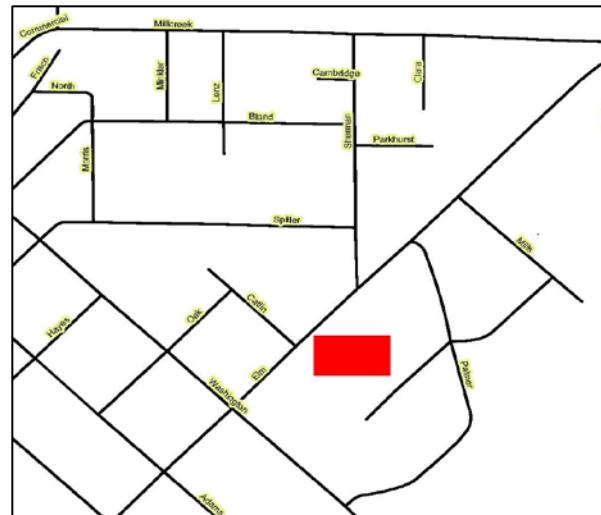
**IMPROVEMENT TYPE:** Building and Improvements

**DEPARTMENT:** Cowan Civic Center

**DESCRIPTION:** Replace existing pool dehumidifier

**JUSTIFICATION:** Existing pool dehumidifier is inefficient and has several maintenance issues. New unit can be used to heat water for the pool.

**LOCATION: Cowan Civic Center (YMCA)**



# **PORTABLE ADA LIFT CHAIR for BAC**

**PROJECT NUMBER: PK13-004**

**IMPROVEMENT TYPE:** Machinery and Equipment

## DEPARTMENT: Parks

**DESCRIPTION:** Portable ADA lift chair for BAC.

**JUSTIFICATION:** Federally Mandated requirement under the 2010 Americans with Disabilities Act Standards for Accessible Design. The following is a link to the requirement standards.

[http://www.ada.gov//2010ADASTandards\\_index.htm](http://www.ada.gov//2010ADASTandards_index.htm)

**LOCATION:** Boswell Aquatic Center

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Park Fund	\$7,500					\$7,500
					PROJECT TOTALS	\$7,500



## **PUBLIC WATER SEWER DISTRICT 3 CUSTOMER PROJECT**

**PROJECT NUMBER: WT13-001**

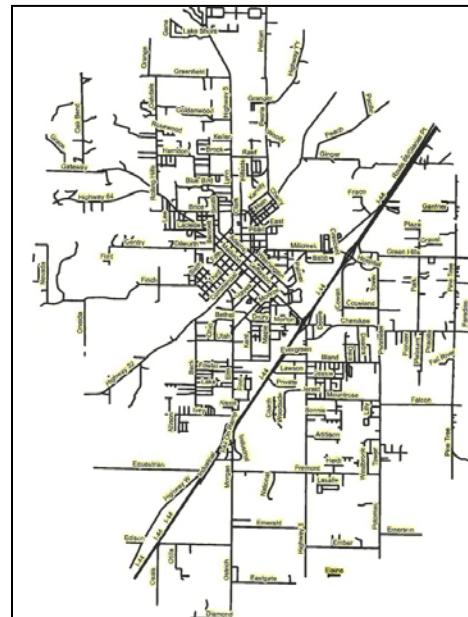
**IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Water

**DESCRIPTION:** Make necessary infrastructure improvements to connect water services acquired from Public Water and Sanitation District 3.

**JUSTIFICATION:** Increased customer base.

**LOCATION:** East side of Tower, North of Hwy 32



## RAPID INTERVENTION TEAM (RIT) KIT

**PROJECT NUMBER:** FD13-006

**IMPROVEMENT TYPE:** Machinery and Equipment

**DEPARTMENT:** Fire

**DESCRIPTION:** Purchase RIT kit to enhance department capability to respond to trapped and/or lost firefighters.

**JUSTIFICATION:** Kit will improve the department's capability in response to trapped firefighters. A mobile air supply, rope, hand tools, and mask can be secured in a kit. Such kit allows a rescue team to carry a cache of equipment into a burning structure quickly. It also allows the rescue team to establish such resources on scene in a rapid fashion as well.

**LOCATION:** 370 N. Adams, Fire Station 1.

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
<b>Capital Fund</b>	<b>\$4,000</b>					<b>\$4,000</b>
					<b>PROJECT TOTALS</b>	<b>\$4,000</b>



## REEVES TOWER RENOVATION

**PROJECT NUMBER: WT13-002**

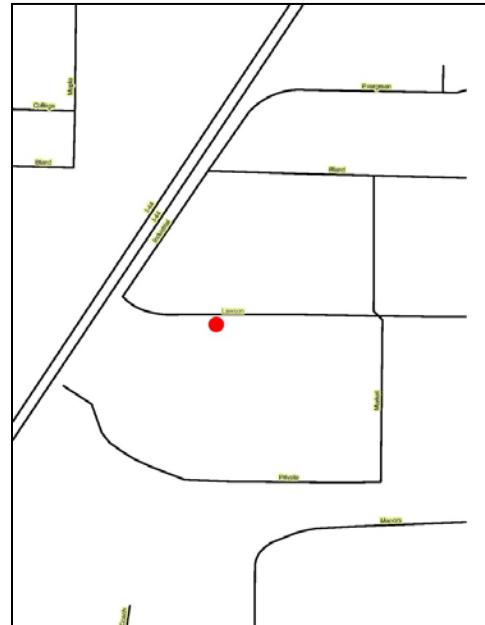
**IMPROVEMENT TYPE:** Infrastructure

## **DEPARTMENT:** Water Department

**DESCRIPTION:** Renovation consisting of sandblasting the exterior and repainting interior and exterior. Perform minor repairs to the vents and hatches as needed.

**JUSTIFICATION:** Renovation is required because the interior and exterior coating system has exceeded its life cycle. Failure of the coating system will lead to contamination and deteriorate of the tank compromising the integrity of the structure.

**LOCATION:** Lawson Avenue



# RESEAL ATCHLEY WALKING TRAIL

**PROJECT NUMBER: PK13-005**

**IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Parks

**DESCRIPTION:** Reseal Atchley walking trail.

**JUSTIFICATION:** Routine maintenance that needs to be done every 3-5 years.

**LOCATION:** Atchley Park

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Park Funds	\$4,500					\$4,500
					PROJECT TOTALS	\$4,500



## SEWER EXTENTION - 212 SOUTH JACKSON AVENUE

**PROJECT NUMBER:** WW13-001

**IMPROVEMENT TYPE:** Infrastructure

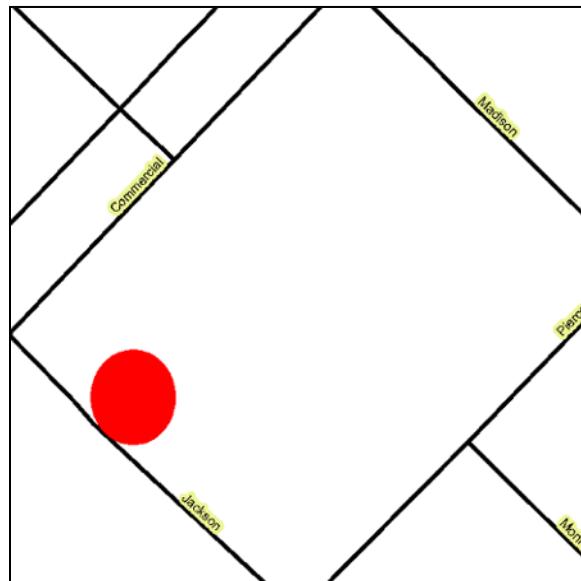
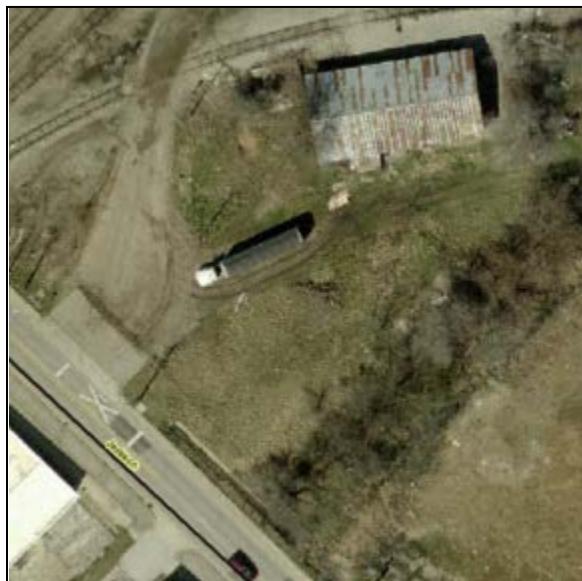
**DEPARTMENT:** Wastewater

**DESCRIPTION:** Extend City Sewer 200ft of 8in PVC to serve property

**JUSTIFICATION:** A gravity sewer will be less costly and more effective than pumping.

**LOCATION:** 212 South Jackson

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Sewer Fund	\$17,800					\$17,800
						PROJECT TOTALS
						\$17,800



## HIGHWAY YY SEWER EXTENTION

**PROJECT NUMBER:** WW13-003

**IMPROVEMENT TYPE:** Infrastructure

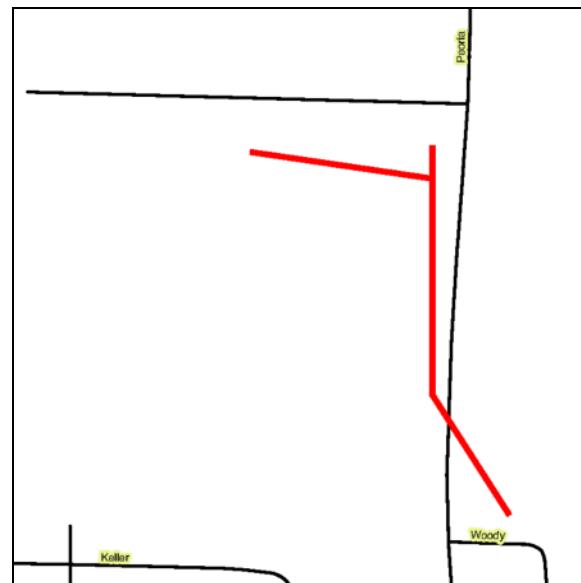
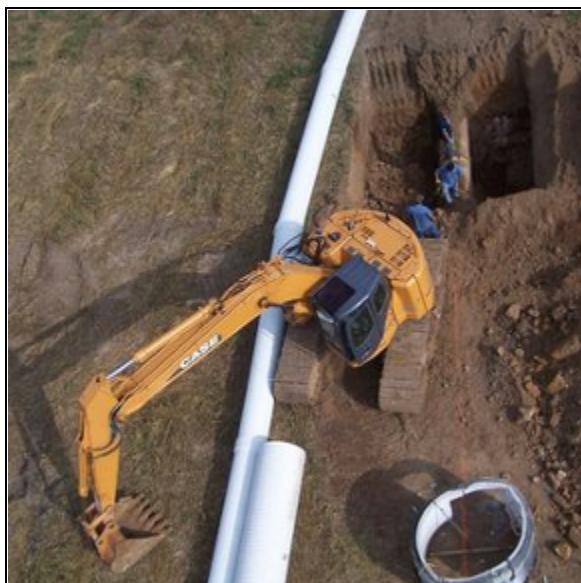
**DEPARTMENT:** Wastewater

**DESCRIPTION:** Finish gravity sewer main to remove two pumps. (1,937ft of 8in PVC)

**JUSTIFICATION:** Installation of a gravity sewer will eliminate the need to use resources to pump out two locations on a daily basis.

**LOCATION:** Hwy YY

<b>FUNDING SOURCE</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>TOTALS</b>
Sewer Fund	\$26,300					\$26,300
					<b>PROJECT TOTALS</b>	<b>\$26,300</b>



## OAK & CATLIN SEWER EXTENTION

**PROJECT NUMBER: WW13-005**

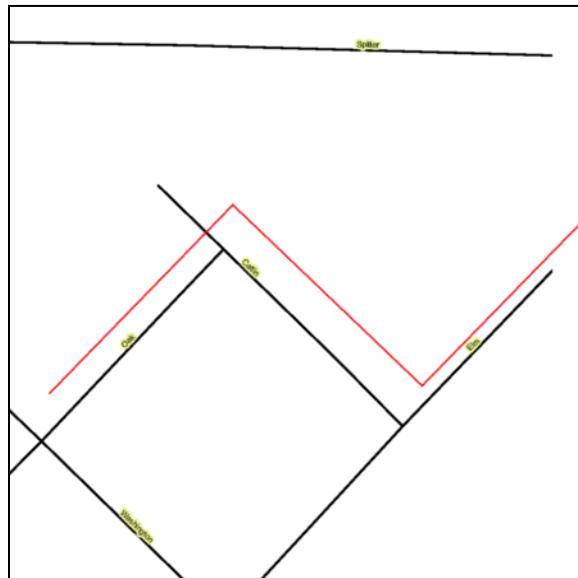
**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Wastewater

**DESCRIPTION:** Extend City Sewer to serve Property's (1,100ft of 8in PVC)

**JUSTIFICATION:** The City does not have sewer service in the area.

**LOCATION:** Oak & Catlin



## SEWER EXTENTIONS (SHORT)

**PROJECT NUMBER:** WW13-006

**IMPROVEMENT TYPE:** Infrastructure

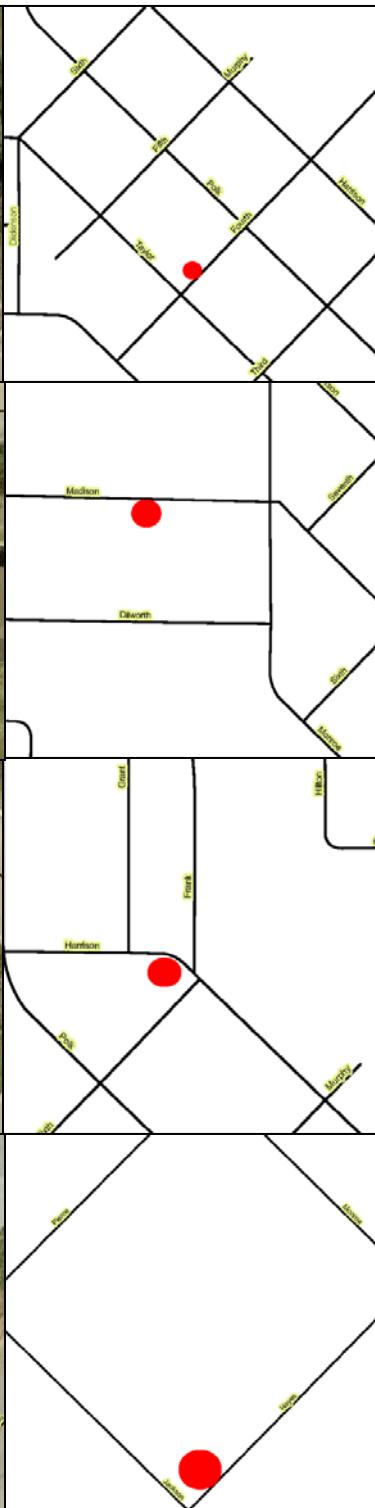
**DEPARTMENT:** Wastewater

**DESCRIPTION:** Extend City's sewer line approximately to various properties.

**JUSTIFICATION:** Customer's private sewer service crosses private property to reach city sewer.

**LOCATION:** Various

LOCATION	FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
785 Fourth St	Sewer Fund	\$1,000					\$1,000
805 W Madison	Sewer Fund	\$2,500					\$2,500
613 Harrison	Sewer Fund	\$750					\$750
385 W Hayes	Sewer Fund	\$5,000					\$5,000
						PROJECT TOTALS	\$9,250



## 785 Fourth Street

Extend City's 8in sewer line approximately 100ft to property. Customer's private sewer service crosses private property to reach city sewer.

## 805 West Madison

The current 8in clay sewer line is failing and needs to be replaced with 130ft of 8in PVC.

## 613 Harrison

Customer's private sewer service crosses of private property to reach City sewer. Extend City Sewer 100ft of 4in PVC.

## 385 West Hayes

Customer's private sewer service crosses private property to reach City sewer. Extend City Sewer 175ft of 8in PVC to serve two lots.

# SIDEWALK IMPROVEMENTS GRANT

**PROJECT NUMBER: ST13-003**

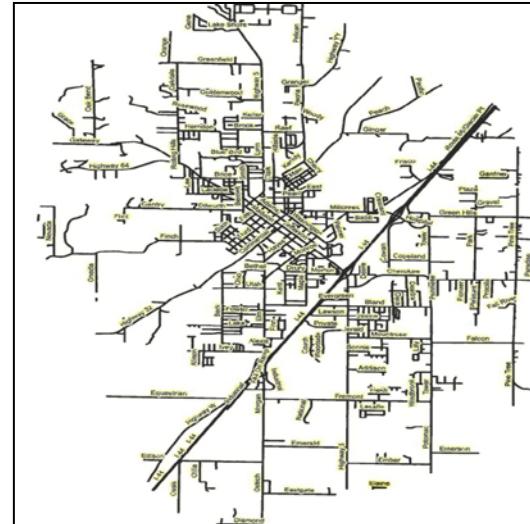
**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Street

**DESCRIPTION:** Construct 13,530 linear feet of new Americans with Disabilities Act (ADA) compliant sidewalks and curb ramps.

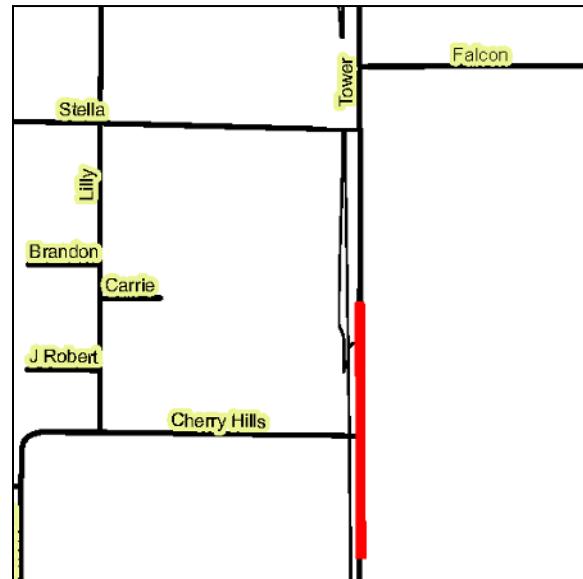
**JUSTIFICATION:** New pedestrian transportation facilities are needed to link community facilities such as schools, library, and Cowan Civic Center. This project is funded by the ½ Cent Transportation Sales Tax and a Statewide Transportation Improvement Program (STIP) Enhancement Grant (80%) of the total project cost for labor, equipment, and materials. Cost shown below reflects materials and installation of project.

**LOCATION:** Various locations within Lebanon linking community facilities.



**SOUTH TOWER ROAD REPLACEMENT****PROJECT NUMBER:** WW13-007**IMPROVEMENT TYPE:** Infrastructure**DEPARTMENT:** Wastewater**DESCRIPTION:** Replace 360' of 8" PVC and 2 Manholes**JUSTIFICATION:** There is sag and some pipe deflection in the existing line. These improvements are in conjunction with the street rebuild project.**LOCATION:** South Tower Road

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
Sewer Fund	\$6,000					\$6,000
						PROJECT TOTALS
						\$6,000



# **SUBSTATION #2 IMPROVEMENTS**

## PROJECT NUMBER: EL13-006

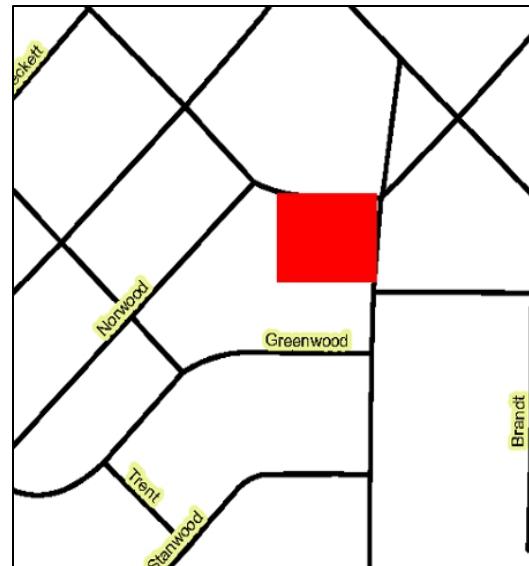
## **IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Electric

**DESCRIPTION:** Substation low voltage bay extension, and old equipment retirement. Add on a 16' by 16' low voltage structure and move two (2) existing breakers. Retire an aging transformer and structure that has been out of service for two (2) years due to parts availability for transformer.

**JUSTIFICATION:** Parts availability and cost of transformer replacement.

**LOCATION:** Substation #2 on Maple Lane



# SUBSTATION BREAKER RELAY REPLACEMENT

**PROJECT NUMBER: EL13-007**

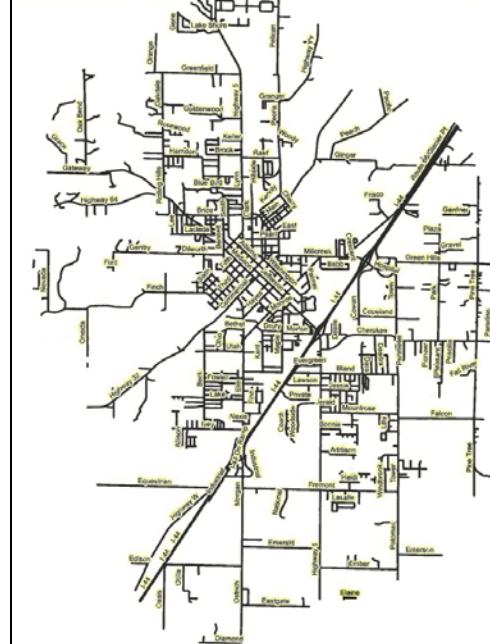
**IMPROVEMENT TYPE:** Infrastructure

## DEPARTMENT: Electric

**DESCRIPTION:** Change (12) older relays to a newer version to match the other (21) breakers in service. Parts availability for the (12) units has become an issue.

**JUSTIFICATION:** Parts availability for repair. Substation personnel's knowledge on newer style relays. Increased service reliability.

## **LOCATION:** City Substations



## TOWER ROAD IMPROVEMENTS

**PROJECT NUMBER:** ST13-004

**IMPROVEMENT TYPE:** Infrastructure

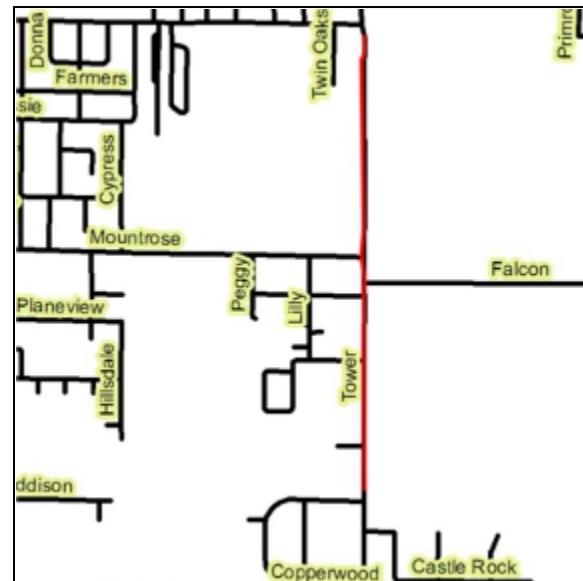
**DEPARTMENT:** Street

**DESCRIPTION:** Construct 5,700ft of new 32ft wide curb and gutter street with storm sewer.

**JUSTIFICATION:** Completion of Tower Road reconstruction due to needed improvements to street surface, street width, and storm sewer due to street flooding issues. This project is funded in a partnership with Lebanon Special Road District #1.

**LOCATION:** Tower Road, East Bland Avenue south to Copperwood Drive.

FUNDING SOURCE	2013	2014	2015	2016	2017	TOTALS
½ Cent Transportation Sales Tax	\$282,456					\$282,456
Lebanon Special Road District #1	\$315,000					\$315,000
						PROJECT TOTALS
						\$597,456



## UTAH TOWER RENOVATION

**PROJECT NUMBER: WT13-003**

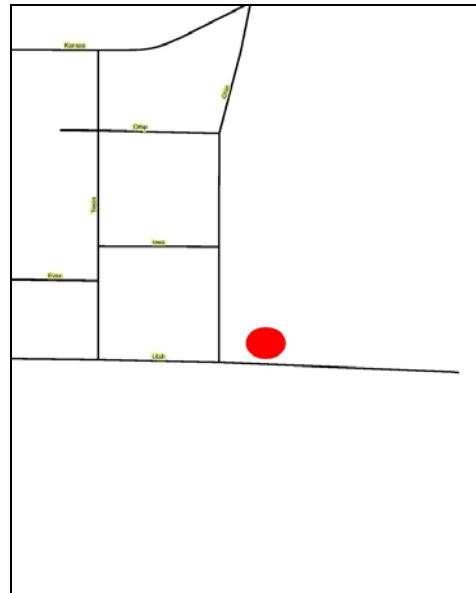
**IMPROVEMENT TYPE:** Infrastructure

## **DEPARTMENT:** Water Department

**DESCRIPTION:** Renovation consisting of sandblasting the exterior and repainting interior and exterior. Perform minor repairs to the vents and hatches as needed.

**JUSTIFICATION:** Renovation is required because the interior and exterior coating system has exceeded its life cycle. Failure of the coating system will lead to contamination and deteriorate of the tank compromising the integrity of the structure.

**LOCATION:** 643 Ohio St.



## WALL PANELS

**PROJECT NUMBER:** CC13-004

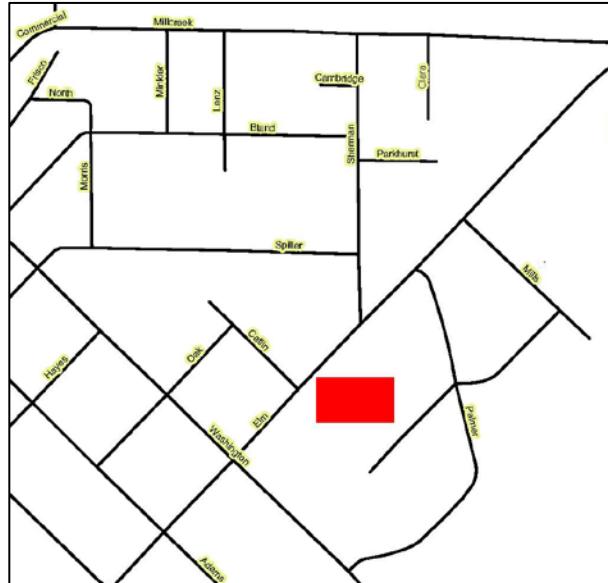
**IMPROVEMENT TYPE:** Building and Improvements

**DEPARTMENT:** Cowan Civic Center

**DESCRIPTION:** Re-caulk exterior wall panels.

**JUSTIFICATION:** Existing caulking has shrunk and cracked and is no longer keeping the building sealed.

**LOCATION:** Civic Center



# WASHINGTON AVENUE ASPHALT OVERLAY

**PROJECT NUMBER: ST13-005**

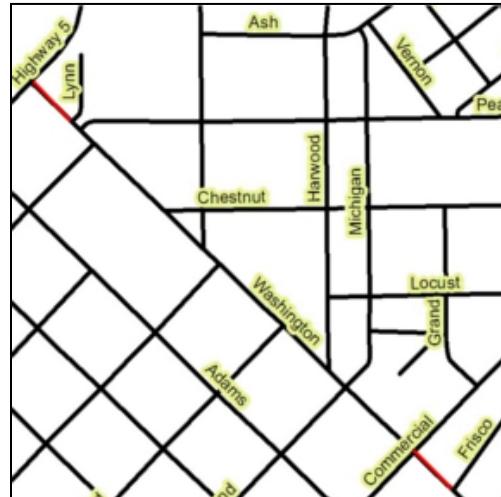
**IMPROVEMENT TYPE:** Infrastructure

**DEPARTMENT:** Street

**DESCRIPTION:** 2in Asphalt overlay of existing street pavement surface on 302ft of Washington Avenue from Lynn Street to Lynn Court and 4in asphalt overlay of existing street pavement surface on 256ft of Washington Avenue from BNSF Railroad thru the Commercial Street intersection.

**JUSTIFICATION:** Overlay of new asphalt pavement is needed to improve the paved surface of Washington Avenue. Overlay of asphalt 2in thick for 302ft and 4in thick for 256ft for a total of 558ft.

**LOCATION:** Washington Avenue.



# WELL HOUSE RENOVATION

**PROJECT NUMBER:** WT13-004

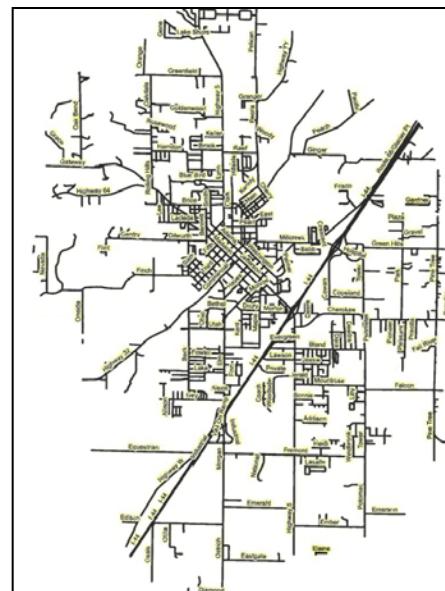
**IMPROVEMENT TYPE:** Building and Improvements

**DEPARTMENT:** Water Department

**DESCRIPTION:** Renovate all well houses with new doors, new roofs, outlets, fans, & misc. piping, etc.

**JUSTIFICATION:** Interior and exterior of well houses and booster pump stations need to be maintained for sanitary and structural reasons. Funding provided by a Certificate of Participation (COP) Bond.

**LOCATION:** 301 Lawson, 643 Ohio, 522 Laclede, 539 Mayfield, 745 Maple, 287 W. Pierce, 2840 Industrial, Seminole.



# WELLNESS ROOM AIR CONDITIONER

**PROJECT NUMBER:** CC13-005

**IMPROVEMENT TYPE:** Building and Improvements

**DEPARTMENT:** Cowan Civic Center

**DESCRIPTION:** Replace existing HVAC unit.

**JUSTIFICATION:** This unit has had numerous repair issues and now has a refrigerant leak, bad menu board and a bad compressor.

**LOCATION:** Civic Center (YMCA)

