

# Capital Improvements Program 2016-2022

City of Independence, Missouri



# City of Independence

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March 8, 2016

Mr. John Pinch,

The *2016-2022 Capital Improvements Program* (CIP) is a six-year plan for prioritizing, constructing, maintaining, upgrading and replacing the City's infrastructure. It is also one of two major instruments, along with the Unified Development Ordinance, that assist in making the Comprehensive Plan a reality.

Presentations took place at the Tuesday, March 8, 2016 Planning Commission meeting where city department representatives outlined how infrastructure projects are identified and prioritized. The Planning Commission formally submits the CIP to you, the City Manager, with our unanimous recommendation of approval of the Capital Improvements Program for fiscal years 2016-17 through 2021-22.

Topics included in the CIP range from streets and sidewalks to storm water improvement projects and include projects for the 6-year term of which 34 projects were identified as "priority projects" for the upcoming fiscal year.

The format of this year's report is streamlined with a focus on three priorities: Future Needs, Maintenance and/or Revitalization and excludes the emphasis on financial matters as these are addressed in the budgeting process.

On behalf of the Planning Commission, I would like to thank the staff of all city departments for the collection and compilation of the information in the *2016-2022 Capital Improvements Program*.

Respectfully submitted,

A handwritten signature in black ink that reads "Jerome F. Kacheroski". The signature is written in a cursive style with a large initial "J".

Jerome F. Kacheroski, Chair  
City of Independence, Planning Commission

**2016-2022**  
**Capital Improvements Program**



*City of Independence, Missouri*

*March 2016*

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John Pinch, City Manager



# Capital Improvements Program

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Prepared by  
**Community Development Department**  
Tom Scannell, Director

## Introduction

The Capital Improvements Program (CIP) is one of the primary programs that implements the long-range plan for city infrastructure development. Article 12, Section 2 of the City Charter lists one of the Planning Commission's duties as preparing and delivering to the City Manager a report of recommended public improvements by April 1st of each fiscal year. The Planning Commission's role in the CIP process is to provide a recommendation of public improvements to the City Manager that further implements the Vision, Values and Priorities of the community.

The intention of the report is to inform the public of plans for the future development or redevelopment of city infrastructure by identifying trends, recognizing issues, and providing an opportunity for discussion by the Planning Commission, the public and department staff regarding such projects.

The CIP sets forth proposed projects for constructing, maintaining, upgrading and replacing the City's physical infrastructure necessary for continued operations and providing City services during the next six fiscal years beginning in July 2016 through June 2022.

CIP infrastructure projects address one, or more of the three focus areas of infrastructure planning:

1. Future Needs—focus on new areas of development in Independence
2. Maintenance—focus on existing, stable areas of Independence
3. Revitalization— focus on existing, though less stable areas of Independence

The CIP is structured to include different topics including Streets & Sidewalks, Energy, Water, Storm Water, Sanitary Sewer and Parks. The CIP program identifies 34 projects for fiscal year 2016-17 with descriptions and photos. The last segment lists 52 projects for the remaining five years.

Projects listed in the CIP report are not necessarily listed in priority order and are not be construed as a promise to any person or group that it will be completed within a specific time frame. The report is a planning document and not intended to be financially or operationally binding. Opportunities may emerge depending on constantly changing circumstances that will accelerate or delay the completion of any project.



## Streets & Sidewalks

- *Vision:*
    - To provide the citizens of Independence with a safe and efficient transportation system.
  
  - *Goals:*
    - ◇ Build smooth, long lasting streets
    - ◇ Projects that reduce travel delays
    - ◇ Improve traffic safety
    - ◇ Integrate a complete streets system for multiple modes of travel
  
  - *Priority Projects:*
    - ◇ Street Overlay Program
    - ◇ Sidewalks To Schools and Parks
    - ◇ Chrysler Avenue Complete Streets
    - ◇ 39th Street and Noland Road Intersection Improvements
-



*Street Overlay Program—City Wide*

### ***Street Overlay Program***

The annual asphalt overlay program consists of milling and resurfacing approximately 50 miles of streets throughout the City. The actual number of miles depends on the estimated cost and projected revenue available for each budget year. Street sections are inspected throughout the entire City each year and are placed on the list of locations to be resurfaced according to the condition of the pavement at the time of inspection. The goal of this program is to provide smoother streets for travel and to reduce the required maintenance costs. The Street Overlay Program supports CIP goal number 2 by maintaining infrastructure.



*Sidewalks to Schools and Parks*

### ***Sidewalks to Schools and Parks***

This project is an ongoing program to construct new sidewalks near schools and parks. The next Sidewalks to Parks location is near Glendale Park. The next Sidewalks to Schools project is at Korte Elementary School. The Sidewalks program addresses CIP goal numbers 2 and 3 by maintaining infrastructure and contributing to neighborhood revitalization efforts.



*Crysler Avenue Complete Streets Project*

### *Crysler Avenue Complete Streets*

This project will add pedestrian push buttons, countdown signal heads and ADA sidewalk/ramps at several intersections along the Chrysler Avenue corridor. Specific cross streets include 40 Highway, 43rd Street, 42nd Street, 41st Terrace, Interstate 70, 41st Street, 39th Street, 35th Street, 23rd Street, Turner Avenue, Lexington Avenue, Walnut Street and River Boulevard. The Chrysler Ave. Complete Streets project addresses CIP goal numbers 2 and 3 by maintaining infrastructure and contributing to neighborhood revitalization efforts.



*39th Street and Noland Road Intersection*

### *39th Street and Noland Road Intersection Improvements*

This project will add a northbound right-turn lane from Noland Road onto 39th Street, improve turning radii at all quadrants of the intersection, add ADA sidewalks and curb ramps, and upgrade traffic signal equipment including addition of pedestrian countdown signals. These intersection improvements address CIP goal numbers 2 and 3 by maintaining infrastructure and contributing to neighborhood revitalization efforts.



# **Project Summary 2017-2022**

Project Name: Noland Road and Fair Street Improvements  
Location: S. Noland Road and E. Fair Street

Project Name: Bundschu Road  
Location: E. Susquehanna Drive to N. Jackson Drive

Project Name: 35th Street and Phelps Road Intersection Improvements  
Location: E. 35th Street S. and S. Phelps Road

Project Name: 32nd Street  
Location: S. M-291 Hwy to Van Hook Park

Project Name: Englewood Sidewalk Improvements, Phase 3  
Location: Winner Road between Sterling Avenue and Northern Avenue

Project Name: Truman & Winner Road Project  
Location: Truman & Winner Roads in western Independence



# Energy

- *Vision:*

To provide reliable and affordable electric energy services in a customer-oriented and environmentally-responsible manner, while participating organizationally in the growth and enhancement of the community.
  
  - *Goals:*

To provide the necessary improvements to existing facilities and future additions to ensure efficient, environmentally safe and the most economical operation of the electric energy system.
  
  - *Priority Projects:*
    - ◇ Substation I Transformers and Switchgear Replacement
    - ◇ Rebuild 69 kV Transmission Line from Substation E to Substation F
    - ◇ Substation and Transmission Upgrades
    - ◇ Blue Valley Units 1, 2 and 3 Boiler Burner Management System
    - ◇ Blue Valley Units 1, 2, and 3 Generator Hydrogen Monitoring System
    - ◇ Blue Valley Power Plant Ash Pond Closure
    - ◇ Operations Center Upgrade
    - ◇ New Administrative Office Building
-



*Operations Center Upgrade*

*Operations Center Upgrade  
(21500 E. Truman Road)*

This project responds to CIP goal number 3 by updating and modernizing the Primary System Operations Center. The System Operations Center monitors the Transmission, Substation, Generation assets and Distribution Systems on a real-time basis as well as monitoring Transmission ties with IPL's interconnected Utilities. The Operations Center was installed more than 25 years ago, since then the NERC Standards have evolved, placing more emphasis on tracking real-time system parameters, situational awareness as well as physical security of key facilities. The update requires designing a layout that can accommodate additional personnel for the future, incorporate features that streamline the systems to make it more efficient and user friendly.



*69KV Transmission Line from Substations E to F*

*69kV Transmission Line from Substation E  
to Substation F*

*(1014 S. McCoy Street to 3200 Weatherford Road)*

The project will rebuild a 69 kV Transmission Line from Substation E to Substation F (western Independence) – This project responds to CIP goal number 2 by maintaining equipment and includes design and construction of an existing 69 kV Transmission line. The result is a more reliable transmission system.



*Substation and Transmission Upgrades*

***Substation and Transmission Upgrades.***

Several combined upgrades support CIP Goal 2. These projects have been identified through IPL's maintenance inspection program are linked to other ongoing substation improvements.

- ◇ Substations A to J Relay Upgrade
- ◇ Transformer Replacements at Substation A
- ◇ Breaker Replacements



*Blue Valley Burner Management System*

***Blue Valley Burner Management System Replacement. (21500 E. Truman Road)***

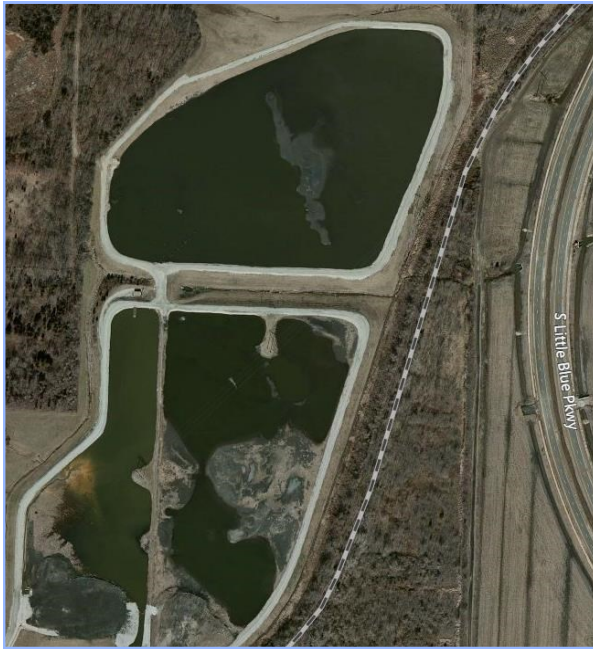
This project responds to CIP goal number 2 by maintaining equipment and includes engineering, purchase, installation and commissioning of new Burner Management Systems. The new systems will be in compliance with National Fire Protection Association standards and is required for State certification. The safety, reliability and availability of these generating units will be maintained and improved with this project.



*Blue Valley Generator Hydrogen System*

***Blue Valley Units Generator Hydrogen Monitoring System Replacement (21500 E. Truman Road)***

This project responds to CIP goal number 2 by maintaining equipment and includes engineering, purchase, installation and commissioning of new Generator Hydrogen Monitoring System. The new systems for will be in compliance with National Fire Protection Association standards. The safety, reliability and availability of these generating units will be maintained and improved with this project.



*Blue Valley Ash Pond Closure Inspection*

***Blue Valley Ash Pond Closure  
(21500 E. Truman Road)***

This project responds to CIP goal number 3 by administering property maintenance compliance, infrastructure construction and repairs and includes engineering and construction necessary for closure of the Blue Valley Power Plant Ash Ponds in compliance with the Coal Combustion Residual rule that became effective in April, 2015. The ponds are no longer required since coal is no longer used as fuel at the Blue Valley Power Plant. This rule requires closure of Inactive Status Coal Ash ponds by April, 2018.



*Substation I Transformers & Switchgear Replacement*

***Substation I Transformers and Switchgear Replacement (3480 S. Kiger Road)***

This project responds to CIP goal number 2 by maintaining equipment and includes the replacement of an existing 69 kV transformers and distribution switchgear including the associated relay equipment in order to improve reliability of the distribution system.



*New Administrative Office Building*

***New Administrative Office Building***

Restoration of the vacant medical office facility at 23rd Street and R. D. Mize Road will be completed including modifications and additions necessary to obtain a Platinum LEED certification for energy efficiency and “green” construction. Power and Light administrative staff, and Water Department personnel, will relocate to this building upon completion. This project responds to Goal 3 of revitalization in an existing, less stable area of the City as well as City Council Resolution 5933.

# Project Summary 2017-2022

Project Name: Blue Valley Unit 3 Generator and Turbine Inspections  
Location: 21500 E. Truman Road.

Project Name: Substation I Switchgear Replacement Project  
Location: 4380 S. Kiger Road

Project Name: Substation E Switchgear Replacement Project  
Location: 3450 S. Northern Boulevard

Project Name: Substation K Switchgear Replacement Project  
Location: 18800 E. 37th Terrace

Project Name: Rebuild 69 kV Transmission Line from Substation E to Substation F  
Location: Western Independence

Project Name: New 161/69/13 kV Substation S  
Location: Eastern Independence

Project Name: New 161 kV Transmission Line from Substation A to new Substation S & associated  
Substation A Line Terminal modifications  
Location: Eastern Independence

Project Name: New 161 kV Transmission Line from new Substation S to KCPL's Lakewood Substation  
Location: Southern Independence

Project Name: New 161 kV Transmission Line from Substation N to Substation R & associated  
Substation improvements  
Location: Southern Independence

Project Name: New 161 kV Transmission Line from Substation R to KCPL Lakewood Substation and  
associated improvements  
Location: Southern Independence

Project Name: New 13 kV distribution feeder lines and ties associated with Substation S  
Location: Eastern Independence



# Water

- *Vision:*

To provide to the citizens of Independence and wholesale customers a plentiful supply of safe drinking water that meets or exceeds all federal and state regulations at a reasonable cost.

- *Goals:*

- ◇ Ensure that our facilities are well maintained and operating efficiently at all times.
- ◇ Plan, construct and operate our water system in a way that will accommodate and provide for future development.

- *Priority Projects:*

- ◇ Filter Backwash Piping
- ◇ Plant Outfall
- ◇ Settling Basin Drive Units
- ◇ Little Blue Parkway Transmission Main
- ◇ Courtney Bend Basin Catwalk Improvements
- ◇ Fiber Optic Connection to Courtney Bend Plant
- ◇ Truman Road 12" Main (Yuma to Alexander)
- ◇ Lime Silo Additions



*Filter Backwash Piping*

### *Filter Backwash Piping*

This project provides improvements to the 30" discharge piping that receives the backwash water from the 14 sand filters at the Courtney Bend Water Plant. The existing piping was constructed in different sections beginning in 1955 and needs several major repairs and possible replacement.

This project addresses goal number 2 by maintaining and improving existing infrastructure.



*Courtney Bend Water Plant Outfall—No. 2*

### *Courtney Bend Water Plant Outfall*

The Outfalls at Courtney Bend receive residuals from the treatment processes at the plant. Outfall No. 2 has become damaged and partially clogged from past flooding events and improper grading of the outfall. This project will re-channel the outfall and landscape it properly to provide a more managed flow.

This project addresses goal number 2, by maintaining and improving existing infrastructure.



*Settling Basin Drive Units*

### *Settling Basin Drive Units*

The Courtney Bend Plant currently has 6 Settling Basins which provide disinfectant contact time and settling for the treatment process. The residuals collector drive units on the basins require inspection to determine if the units can be salvaged and rebuilt or replaced completely. This project will determine and provide the necessary improvements for these units.

This project addresses goal number 2, by maintaining and improving existing infrastructure.





*Little Blue Parkway Transmission Main*

### *Little Blue Parkway Transmission Main*

This project provides improvements to a section of a 36" diameter water transmission main installed with the road project in 2012. Since its installation a portion of this main has been affected by erosion issues in the area. This project will repair the damage that has taken place and prevent any additional erosion from occurring.

This project addresses goal number 2, by maintaining and improving existing infrastructure.



*Courtney Bend Water Plant Catwalk Improvements*

### *Courtney Bend Catwalk Improvements*

Costly repairs and improvements are necessary for a portion of the elevated catwalk extending over the treatment basins. The portion of the catwalk involved in this project was constructed in 1955 and provides access for plant staff to inspect, monitor and collect samples from the treatment basins at the plant.

This project addresses goal number 2, by maintaining and improving existing infrastructure.



*Fiber Optic Connection to Courtney Bend Plant*

***Fiber Optic Connection to Courtney Bend Plant***

This project provides a fiber optic connection with the City's fiber network to the Courtney Bend Water Plant and several remote sites including water reservoirs and elevated towers. This improvement will provide a faster network connection which will enhance security systems and connectivity to remote sites monitored from the plant.

This project addresses goal number 2, by maintaining existing infrastructure.



*Truman Road 12" Main*

***Truman Rd. 12" Main***

This project replaces approximately 4,700 feet of 12" water transmission main along Truman Rd. between Yuma Avenue to Alexander Road. This section of main was installed in 1952 and has experienced several large breaks causing costly repairs and traffic interruptions along Truman Road. The new main will provide a more reliable source of water for customers in the area.

This project addresses goal number 2, maintaining existing infrastructure.



### *Lime Silo Additions*

The Courtney Bend Water Plant utilizes lime to soften the ground water in its purification process. This project provides additional lime slaking equipment to help ensure that this process will not be interrupted.

This project addresses goal number 2 by maintaining and improving existing infrastructure.

*Lime Silo Additions*

# Project Summary 2017-2022

Project Name : Main Replacement  
Location: Throughout the Distribution System

Program Name: Security Upgrades  
Location: Throughout Water Department Facilities

Program Name: Chlorine Feed Improvements  
Location: Courtney bend Water Plant

Program Name: Future Production Wells  
Location: Courtney Bend Water Plant

Program Name: 23rd Street Main Replacement  
Location: 23rd Street (Haden Street to Hub Drive)

Program Name: Lagoon Cleanout  
Location: Courtney Bend Water Plant

Program Name: Lime Slaker Number 3  
Location: Courtney Bend Water Plant

Program Name: Van Horn Reservoir  
Location: 11520 E. Truman Road

Program Name: Geographic Information Systems  
Location: Throughout Water Department Facilities

Program Name: Hardy Avenue 12" Main  
Location: Hardy Avenue from Westport Road to 28th Street

Project Name: Filter Backwash Basin  
Location: Courtney Bend Water Plant

Project Name : 39th Street Reservoir  
Location: 17136 E. 39th Street

Project Name: Ellison Way Main Replacement  
Location: Ellison Way from 23rd Street to Queens Ridge Drive

Project Name: Treatment Plant Discharge Handling  
Location: Courtney Bend Water Plant



# Storm Water

- *Vision:*

To provide the residents of the City of Independence with a safe and reliable storm drainage system that is effective, manageable, environmentally responsible, and considerate of the surroundings.
- *Goals:*

The Water Pollution Control Department's Storm Water Management goal is to properly address and mitigate drainage issues and concerns.
- *Priority Projects:*
  - ◇ Drumm Avenue to Crane Street Storm Drainage Improvements
  - ◇ Rock Creek Neighborhood Projects
  - ◇ Walnut Gardens Drainage Project
  - ◇ 19th Street & Norwood Avenue Project
  - ◇ Blue Lawn Stormwater Project



*Drumm Ave. to Crane St. Storm Drainage Project*

### *Drumm Avenue to Crane Street Storm Drainage Project*

This project will fund construction of the design initiated in 2015 to address the lack of storm drainage facilities along Drumm Avenue to Crane Street in the Adair Creek Watershed. The project will intercept and convey runoff and discharge flows into the existing 39th Street & Phelps Road regional storm water detention basin. This project addresses Goal number 2 by maintaining infrastructure.



*Rock Creek Neighborhood Projects*

### *Rock Creek Neighborhood Projects*

There are nine small drainage improvement projects, located in residential neighborhoods throughout the Rock Creek Watershed that will be addressed with this one capital project. Design began in 2015 and construction begins next fiscal year. All projects address Goal number 2 by maintaining infrastructure.

Project locations include the following:

- ◇ 3312 S. Hardy
- ◇ E. 25th Street and Sterling Avenue
- ◇ 33rd St. & Chrysler Avenue.
- ◇ 31st St. & Linwood Court
- ◇ 3400 block of Blue Ridge Boulevard
- ◇ 12009 E. 39th Street
- ◇ 10800 E. Sheley Road.
- ◇ Stone St. west of McCoy St.
- ◇ 10616 E. 26th Terr.



*Walnut Gardens Drainage Project*

***Walnut Gardens Drainage Project***

Located in the Crackerneck Creek Watershed this project will reroute an existing deteriorating storm system located under homes and provide both enduring and maintainable infrastructure. This drainage project addresses Goal number 2 by maintaining infrastructure.



*19th St. and Norwood Ave. Drainage Improvements*

***19th Street and Norwood Avenue Drainage Project***

Located in the Rock Creek Watershed this project will provide storm water collection to intercept runoff and convey it to the existing system a block away. This project addresses Goal number 2 by maintaining existing infrastructure.



*Blue Lawn Stormwater Project*

***Blue Lawn Stormwater Project***

This project will address neighborhood wide drainage problems in the vicinity of East 31st to East 32nd streets east of Arlington Avenue in the Rock Creek Watershed. Design will occur this fiscal year followed by construction in the following year. The Blue Lawn project addresses Goal number 2 by maintaining existing infrastructure.

# Project Summary 2017-2022

Project Name : Detention Basin Re-vegetation  
Location: City-owned facilities located throughout the community

Project Name: Trenchless Technology  
Location: City-wide location

Project Name: Sugar Creek Neighborhood Drainage Projects  
Location: Various areas near Sterling Avenue, W. Waldo Avenue, and S. Harris Avenue in the Sugar Creek Watershed

Project Name: Bundschu Regional Stormwater Detention Basin  
Location: Bundschu Road west of Ponca Drive in the Bundschu Watershed

Project Name: Rockwood Storm Drainage Improvements  
Location: Between 25th Terrace and 28th Terrace, and between Hardy Avenue and Northern Avenue

Project Name: Ellison Way Stormwater Project  
Location: S. Ellison Way north of E. 23<sup>rd</sup> Street S. in the Springbranch Watershed

Project Name: Pearl to Crane Street at Hereford Avenue Drainage Phase 1 and 2  
Location: S. Pearl Street to S. Crane Street at E. Hereford Avenue in the Crackerneck Watershed

Project Name: Ralston Storm Drainage Improvements  
Location: S. Ralston Avenue to S. Northern Boulevard, and E. 15th Street south to E. Winner Road in the 9th Rock Creek Watershed

Project Name: Wedgewood Neighborhood Drainage Improvements  
Location: Crysler Avenue and 46th Street to Willis Avenue in the Chapel Road Watershed





## Sanitary Sewer

- *Vision:*

To deliver high-quality, reliable sanitary sewer and wastewater treatment services to the customers of the City of Independence.
- *Goal:*

The Water Pollution Control Department's Sanitary Sewer Management goal is to promptly, professionally and properly address customer's sewer issues; to protect public health; environmental sustainability; and comply with state and federal regulatory requirements.
- *Priority Projects:*
  - ◇ Pacific Avenue Sanitary Main Project
  - ◇ Trenchless Technology
  - ◇ Rock Creek Treatment Facility Project
  - ◇ Sewage Sludge Incinerator (SSI) Improvements
  - ◇ Kentucky 1 Pump Station Demolition
  - ◇ Primary Sludge Grinders and Flowmeter Project



*Pacific Ave. Sanitary Main Replacement Project*



*Trenchless Technology*



*Rock Creek Treatment Facility Project*

### *Pacific Ave. Sanitary Main Project*

This project will replace a section of sanitary sewer main that has heavy build up on the inside of the main. The buildup is severely restricting flow and could potentially result in a blockage if it isn't repaired. Having been discovered at the very end of Sept 2015, this project is still in the preliminary stages. This project supports Goal number 2 by maintaining infrastructure.

### *Trenchless Technology*

This project, located in the Rock Creek Watershed along Truman Rd. between Brookside and Crescent Avenues, will replace approximately 600 ft. of structurally deficient conduit. CIP goal number 2 is addressed with this project as it maintains existing infrastructure. This project is funded through the Sanitary Sewer Fund.

### *Rock Creek Treatment Facility Project*

The roofs of the forty year old treatment plant, clarifier pumping buildings, garage and main pumping stations are typically tar and gravel construction that must be restored to provide protection for personnel and equipment from the elements. This project consists of removal of rock, tar, paper and insulation layers and the reapplication of new, waterproof materials. This project supports Goal number 2 by maintaining existing infrastructure.



*Sewage Sludge Incinerator (SSI) Improvements*

### *Sewage Sludge Incinerator (SSI)*

This project provides for a phased compliance with federal SSI regulations designed to reduce particulate, metal, acidic and organic gas emissions from the wastewater treatment plant incinerator. The incinerator's scrubber, feed system and operating controls should be upgraded this fiscal year. CIP goal number 2 is addressed as it contributes to the continued maintenance of earlier investments in city infrastructure. This project is funded through the Sanitary Sewer Fund.



*Kentucky 1 Pump Station Demolition*

### *Kentucky 1 Pump Station Demolition*

Improvements to the Kentucky Hills pump station provided a new pumping structure and vacated the small building shell in the median of Colonel Drive at Liberty Street. The building and below grade wet well and pump house pose potential liability problems that must be addressed. The demolition project would remove the above ground structure, associated pumps and piping and fill the underground voids. This project supports Goal number 2 by maintaining existing infrastructure.



*Primary Sludge Grinders and Flowmeter Project*

### *Primary Sludge Grinders and Flowmeter Project*

This project provides for a grinder and the installation for the shredding of rags and debris in the primary sludge line for the effective handling of removed sludge and the flow monitoring necessary to properly account and mix the sludge for efficient dewatering and eventual disposal. The project will reduce the plugging of downstream processes that require significant man hours for dismantling and unplugging piping for resumed operations. This project supports Goal number 2 by maintaining existing infrastructure.

# **Project Summary 2017-2022**

Project Name: Neighborhood Sanitary Sewer Improvement Projects  
Location: City-wide within the Rock Creek and Spring Branch Watersheds

Project Name: Adair Interceptor Improvement Project  
Location: Spring Street and 42nd Street in the Adair Watershed

Project Name: Trenchless Technology  
Location: City-wide locations throughout Independence

Project Name: 18th Street and Evanston Avenue Sanitary Sewer Improvements  
Location: Overton, Evanston and Arlington Avenues between 16th and 18th Streets

Project Name: Sanitary Sewer Evaluation Surveys  
Location: City-wide locations throughout Independence

Project Name: Arlington Neighborhood Sanitary Sewer Improvement Project  
Location: Brookside Avenue & E. 13th Street area in the Rock Creek Watershed

Project Name: Saddle Ridge Villas Pump Station Improvement Project  
Location: 21100 E. 37th Terrace Court S. in the North Tapawingo Watershed

Project Name: Rock Creek Treatment Facilities Water Utilities Improvement Project  
Location: 9600 Norledge Avenue in the Rock Creek Watershed

Project Name: Rock Creek Treatment Facilities Building Heat Boiler Replacement Project  
Location: 9600 Norledge Avenue in the Rock Creek Watershed

Project Name: Rock Creek Treatment Facilities Denitrification Improvement Project  
Location: 9600 Norledge Avenue in the Rock Creek Watershed



## Public Safety

- *Vision:*

The vision of the Independence Fire Department is to provide the highest level of life and property safety through the extension of fire prevention, emergency medical, fire control and public education services.

- *Goals:*

Build and maintain fire stations that provide appropriate working conditions, emergency response vehicles and equipment for Fire Department staff in locations that will reach citizens within stated response time benchmarks.

- *Priority Projects*

- ◇ Fire Station 5 Renovation
- ◇ Fire Station 1 Renovation
- ◇ Fire Station 8 Renovation



*Fire Station 5—Renovation*

*Fire Station 5 11301 E 35th Street*

Station 5 will be one of the final facilities to receive a renovation of the existing station. The project will include the renovation of the bathrooms, kitchen, flooring and upgrade of appliances. This project supports Goal number 2 by maintaining an adequate facility for use in protecting the residents of Council District 4.



*Fire Station 1—Administration Renovation*

*Fire Station 1 950 N Spring Street*

Fire Station 1 will have the remaining portion renovated including the Shift Commander office along with maintenance and cleanup of other offices. This project supports Goal number 2 by maintaining an adequate facility for use in protecting the residents of Council District 1.



*Fire Station 8—Roof Repair*

*Fire Station 8 21300 E Truman Road*

The Fire Station 8 project includes a long-needed roof replacement and will prevent any further damage to the structure. This project supports Goal number 2 by maintaining an adequate facility for use in protecting the residents of Council District 2.

# **Project Summary 2017-2022**

Project Name : Fire Station 5 Continued Renovation  
Location: 11301 E. 35th Street

Project Name: Fire Station 8 Continued Renovation  
Location: 21300 E. Truman Road





# Capital Improvements Projects 2016-2017

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Glendale Park - Sidewalks Schools to Parks	01
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Crysler Ave Complete Streets - 42nd St	05
Crysler Ave Complete Streets - 41st Terr	06
Crysler Ave Complete Streets - I-70	07
Crysler Ave Complete Streets - 41st St	08
Crysler Ave Complete Streets - 39th St	09
Crysler Ave Complete Streets - 35th St	10
Crysler Ave Complete Streets - 23rd St	11
Crysler Ave Complete Streets - Turner Ave	12
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Projects #17,19, 20-22

Rock Creek Neighborhood  
Projects #34-42

Crysler Ave Complete Streets #3-15

**Legend**

- Public Safety
- Energy
- Sanitary Sewer
- Storm Water
- Streets and Sidewalks
- Water
- Chrysler Ave Complete Streets
- Rock Creek Neighborhood Projects

