

SMART INFRASTRUCTURE UPDATE

KANSAS CITY'S CAPITAL IMPROVEMENT PROJECTS

FEBRUARY 20, 2018



TABLE OF
CONTENTS

Welcome	3
Smart Sewer Program Review	4
Smart Sewer Year In Review Fiscal Year 2018	8
Smart Sewer Program Highlights	10
Smart Sewer Fiscal Years 2019 - 2020.....	15
Smart Sewer Fiscal Year 2019	18
Smart Sewer Fiscal Year 2020	20
Smart Sewer Project Managers	22
Design Projects	23
Construction Projects	24
Aviation Project Managers	26
Design Projects	27
Construction Projects	27
Parks & Recreation Project Managers	28
Construction Projects	29
Public Works Project Managers	32
Design Projects	33
Construction Projects	34
KC Water Project Managers	36
Water Design Projects	37, 41
Water Construction Projects	38, 42
Wastewater Design Projects	45, 47
Wastewater Construction Projects	46, 48
Sponsors	49

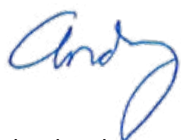
WELCOME

It is my pleasure to welcome you to Kansas City's sixth annual capital improvements update. Our City has grown tremendously since the first capital improvements rollout debuted in 2013, and so has your support.

This evening is more than just an event — it is Kansas City's plan and promise to address critical infrastructure needs, and it reflects our commitment to supporting the businesses that help build Kansas City's legacy of innovation and infrastructure. Finally, it's an opportunity to shine a light on the men and women in the field who work hard every day to make the Smart Sewer program a success for our future: children, grandchildren and great grandchildren.

Thanks to your support, Kansas City is known as a leader in smart infrastructure solutions. Together, our work has transformed communities and altered the state of the industry — but our legacy has only just begun. 2018 marks a pivotal year as Kansas City embarks upon the challenge of modifying its Federal Consent Decree, that is the driver of our Smart Sewer program, for the benefit of our rate payers.

It is my honor and privilege to work alongside each and every one of you as we transform our City's infrastructure for future generations.



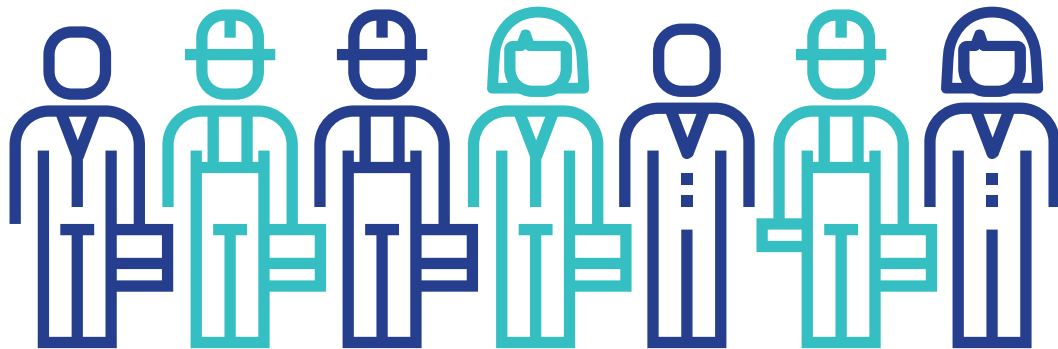
Andy Shively, PE
Special Assistant City Manager

SMART SEWER PROGRAM REVIEW 2010-2017

INVESTMENT — \$407,465,356

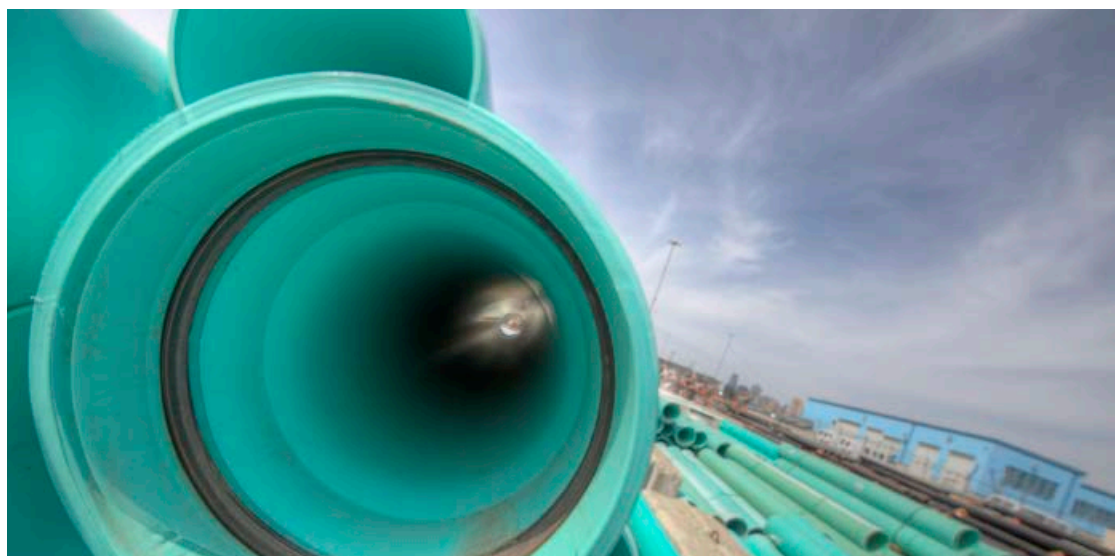
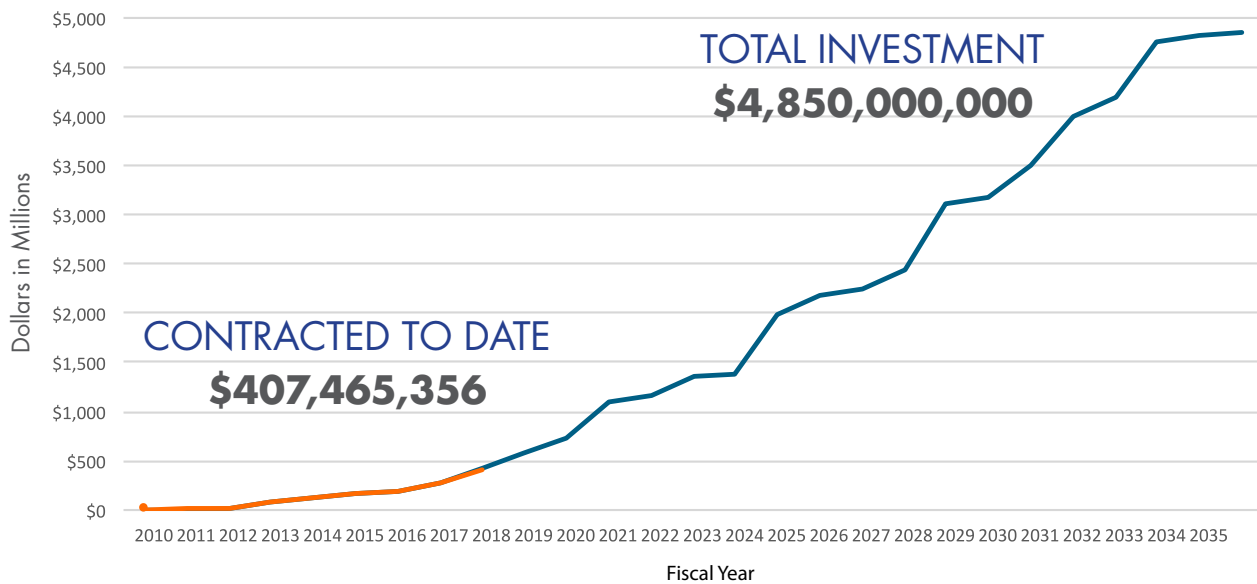
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JOB — 7,800+



PROGRESS TO DATE

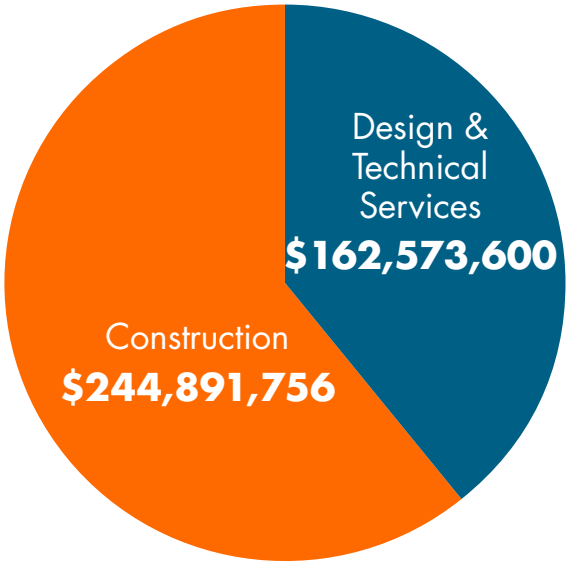
2010-2017



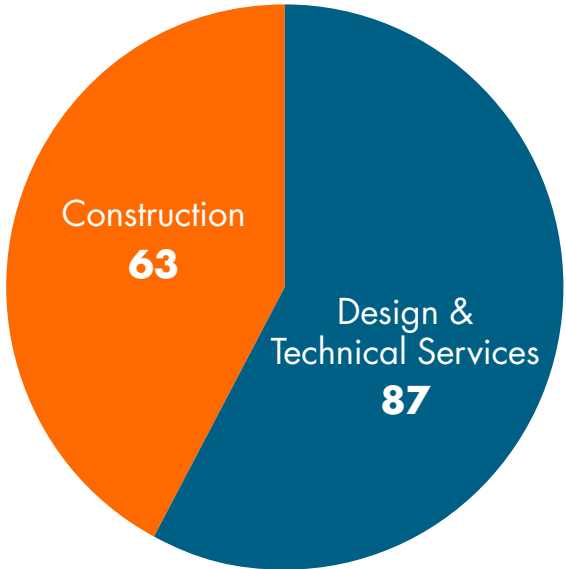
SMART SEWER PROGRAM REVIEW

2010-2017

VALUE OF
CONTRACTS



NUMBER OF
CONTRACTS





SMART SEWER PROGRAM 2010-2017

Programmatic Element	Contracts	Value
Diversion Structures & Pipe Consolidation	4	\$19,136,263
Green Infrastructure	24	\$45,586,685
Inflow & Infiltration Reduction	48	\$72,288,882
Neighborhood Sewer Rehabilitation	12	\$59,051,670
Pumping & Conveyance	10	\$43,022,410
Sewer Separation	6	\$15,278,435
Storage & Conveyance	11	\$19,385,727
Treatment Facilities	21	\$74,354,087
Supplemental Environmental Projects	3	\$1,608,118
Programmatic Services	11	\$57,753,079
Total	150	\$407,465,356

SMART SEWER

YEAR IN REVIEW

FISCAL YEAR 2018

SMART SEWER CIP REPORT CARD//FY18

25
PROJECTS

5 DESIGN
PROJECTS

20 CONSTRUCTION
PROJECTS

8

ON OR AHEAD OF SCHEDULE



3

ONE MONTH OR LESS BEHIND SCHEDULE



14

AT LEAST TWO MONTHS BEHIND SCHEDULE



8

INCREASE IN PROJECT SCOPE



3

ACTIVE PROJECTS ADJUSTED UNDER
2ND CONSENT DECREE MODIFICATION



DESIGN

On or Ahead of Schedule ■
 ≥1 Month Behind Published Schedule ■
 At Least 2 Months Behind Schedule ■

Project	Design Professional	Planned Date Actual Date	Estimated Actual	MBE/WBE Goal	Scope
Diversion Structures 065 and 073 Consolidation Project	Taliaferro & Browne	March 2017 February 2017	\$45,000 \$163,000	SLBE- WSDEPS	↑
I/I Reduction: Little Blue River Basin Project Area 2 (Part 1 & Part 2)	TBD	December 2017 November 2017	\$700,000 TBD	15%/10%	➔
I/I Reduction: Birmingham/Shoal Creek Project Area 2	TBD	November 2017 November 2017	\$1,100,000 TBD	15%/10%	➔
I/I Reduction: Line Creek/ Rock Creek Project Area 4	TBD	November 2017 November 2017	\$1,300,000 TBD	15%/10%	➔
Sewer Separation: 31st Street & Broadway	TBD	April 2018 March 2018	\$1,500,000	15%/10%	➔

CONSTRUCTION

Project	Contractor	Planned Date Actual Date	Estimated Actual	MBE/WBE Goal	Scope
Blue River Central I/I Reduction Areas 1 & 2	Kissick	March 2016 February 2017	\$10,180,000 \$7,885,525	11%/4%	➔
Blue River North I/I Reduction	Kissick	August 2016 February 2017	\$3,880,000 3,465,005	11%/5%	↑
Sewer Separation at Diversion Structure 063 & 099 & Water Main Replacement – Phase 2 Consent Decree Modification 2	Blue Nile	December 2016 January 2017	\$8,050,000 6,308,758	13%/6%	↑
Lower Blue River Green Infrastructure Project	TBD	May 2017 April 2018	\$3,330,000 TBD	12%/7%	↑
Sewer Separation at Outfalls 066 & 067	Blue Nile	July 2017 October 2017	\$32,700,000 \$21,982,210	11%/5%	↑
SEP 3 Project – Blue River Trailhead at Blue Parkway	Blue Moon Hauling	August 2017 November 2017	\$500,000 \$385,000	13%/9%	➔
Blue River South I/I Reduction Areas 4 & 5 – Phase 1	Kissick	August 2017 November 2017	\$8,700,000 \$6,836,160	9%/6%	➔
Neighborhood Sewer Rehabilitation: Brush Creek - Area 1 West (Bid package 1)	Havens Construction	September 2017 October 2017	\$10,300,000 8,958,350	11%/7%	➔
Neighborhood Sewer Rehabilitation: Brush Creek - Area 1 East (Bid Package 2)	Kissick	September 2017 September 2017	\$10,300,000 \$8,466,800	11%/7%	➔
I/I Reduction: Brush Creek – Area 2	Blue Nile	October 2017 December 2017	\$9,000,000 \$7,070,984	13%/4%	➔
Neighborhood Sewer Rehabilitation: Brush Creek – Area 2	Leath & Sons	October 2017 November 2017	\$14,000,000 \$7,934,815	12%/4%	➔
Dry Weather Sewer Line Outfall 056 – Diversion Structure 065 & 073 Consolidation	TBD	December 2017 April 2018	\$1,000,000 TBD	11%/5%	↑
Diversion Structure 068 Storage Basin – Consent Decree Modification 2	TBD	December 2017 December 2018	\$8,500,000 TBD	TBD/TBD	↑
NE Area & Gooseneck Creek Neighborhood Sewer Rehabilitation Bid Package 1	TBD	April 2018 June 2018	\$10,025,000 TBD	TBD/TBD	➔
NE area & Gooseneck Creek Neighborhood Sewer Rehabilitation Bid Package 2	TBD	April 2018 July 2018	\$10,025,000 TBD	TBD/TBD	➔
Turkey Creek/CID Green Infrastructure Demonstration Project	TBD	February 2018 August 2018	\$6,830,000 TBD	TBD/TBD	➔
NEID Green Infrastructure Demonstration Project	TBD	March 2018 September 2018	\$7,680,000 TBD	TBD/TBD	↑
In-Line Storage: OK Creek Gates	Radmacher	February 2017 February 2017	\$4,610,000 \$3,972,800	12%/6%	➔
Line Creek/Rock Creek I/I Reduction Areas 1 & 2	Kissick	April 2017 April 2017	\$10,290,000 \$8,320,239	11%/4%	➔
Pump Station & In-Line Storage: Gooseneck Arch Sewer – Consent Decree Modification 2	TBD	June 2017 March 2018	\$20,000,000 TBD	TBD/TBD	➔

SMART SEWER PROGRAM HIGHLIGHTS

WORKFORCE DEVELOPMENT

SMART SEWER UNIVERSITY

Smart Sewer University was established in 2013 as a collaborative effort between Kansas City's Water Services and Human Relations Departments to assist local MBE, WBE and SLBE businesses in developing the skills and capabilities necessary to compete locally and nationally. To date, Smart Sewer University has provided more than 5,300 hours of training to over 40 local firms.

NATIONAL GREEN INFRASTRUCTURE CERTIFICATION PROGRAM

In 2017, the Smart Sewer program provided 35 certification training hours for up to 25 City Employees to assist them in earning National Green Infrastructure Certification. The goal of this initiative was to prepare staff for future green infrastructure investments and to reaffirm Kansas City's role as a national leader in these initiatives.

GREEN STEWARDS WORKFORCE DEVELOPMENT PROGRAM

The City of Kansas City, Missouri, in partnership with Bridging the Gap, has implemented a new Green Stewards Workforce development program. The program provides for professional development training and employment for seven full-time staff members who will be responsible for the maintenance, inspection and monitoring of 147 green infrastructure and pervious pavement sites year-round.

Kansas City is pleased to welcome Green Stewards Program Manager Chris Cardwell, and Green Stewards Crew Leader Mary Silwance, who joined the team in February 2018.

PROGRAM
MANAGEMENT

CONSENT DECREE MODIFICATIONS

Kansas City's second consent decree modification was approved in January 2018. The modification provides timeline extensions for six Smart Sewer projects to coordinate construction sequencing, integrate other public infrastructure improvements, select preferred project sites and adjust project scopes for the benefit of the public.

In 2018, Kansas City intends to present a third consent decree modification to the Environmental Protection Agency (EPA) for consideration. This modification is intended to reduce the heavy financial burden now facing rate payers, mitigate the size of future utility rate increases, maximize community benefits by expanding the use of Green Infrastructure solutions, integrate other public infrastructure improvements and to optimize performance criteria.



SMART SEWER

PROGRAM HIGHLIGHTS

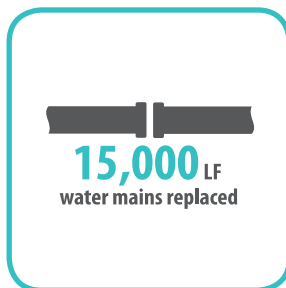
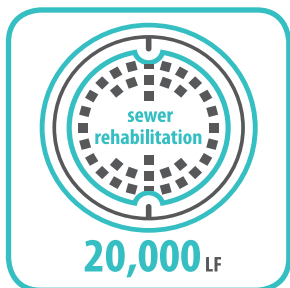
CITYWIDE
COLLABORATION

MARLBOROUGH COMMUNITY IMPROVEMENTS

In 2017, the City of Kansas City completed green infrastructure improvements within the Marlborough neighborhood. Through collaboration with all City departments, these improvements transformed 744 acres of community space into a green infrastructure resource that will protect neighborhoods from sewer overflows while also providing added benefits to the community.



WATER + SEWER INFRASTRUCTURE IMPROVEMENTS



NEIGHBORHOOD CLEANUPS



BEAUTIFICATION + MAINTENANCE



RECREATION + ENVIRONMENTAL BENEFITS



\$1 BILLION DOLLAR CHALLENGE

KANSAS CITY'S \$1 BILLION SMART INFRASTRUCTURE CHALLENGE



In 2016, Andy Shively publicly issued and took on a \$1 Billion Smart Infrastructure Challenge to find and implement strategic and sustainable solutions which will provide \$1 billion in cost benefits over the next decade.

Since issuing the challenge, Shively has successfully implemented programmatic approaches with immediate cost benefits and has accepted commitments from three new partners who are now dedicated to bringing forth similar solutions and cost benefits.

We appreciate those partners who have accepted Kansas City's \$1 Billion Smart Infrastructure Challenge:

- Ace Pipe Cleaning
- Burns & McDonnell
- Emnet

To learn more or to accept the Kansas City's \$1 Billion Smart Infrastructure Challenge, contact Andy Shively at andy.shively@kcmo.org.

SMART SEWER

2-YEAR CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2019-2020

PLANNED
INVESTMENT



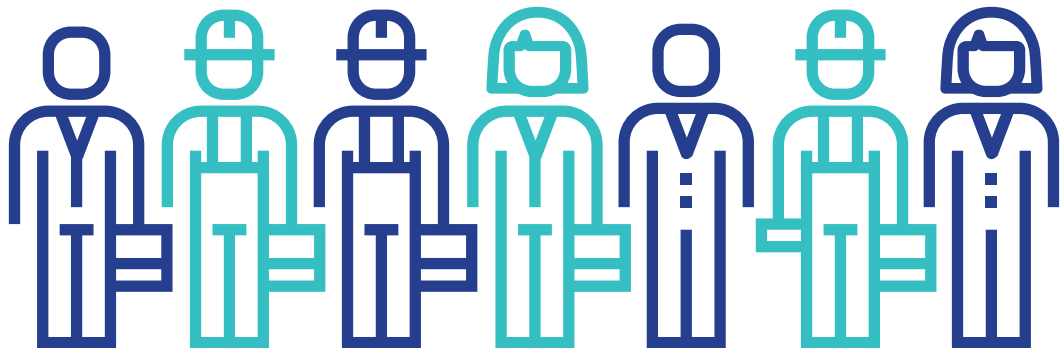
\$290,501,973



JOBS



5,600+

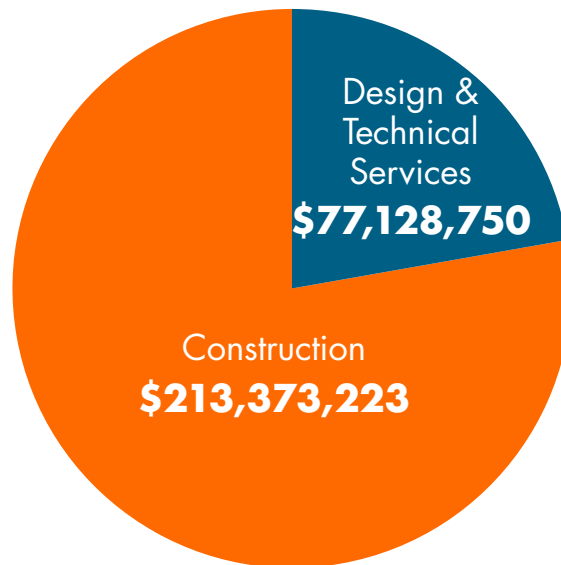


SMART SEWER

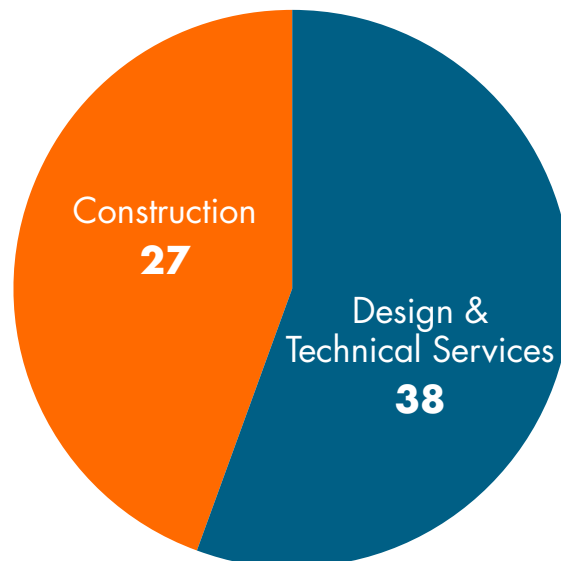
CAPITAL IMPROVEMENTS

FISCAL YEARS 2019-2020

VALUE OF CONTRACTS



NUMBER OF CONTRACTS



FISCAL YEAR 2019

Programmatic Element	Contracts	Value
Green Infrastructure	4	\$15,526,500
Inflow & Infiltration Reduction	9	\$26,937,335
Neighborhood Sewer Rehabilitation	7	\$44,935,630
Pumping & Conveyance	4	\$1,857,849
Sewer Separation	3	\$4,767,953
Storage & Conveyance	3	\$12,325,000
Treatment Facilities	2	\$54,327,499
Programmatic Services	4	\$13,500,000
Total	36	\$174,177,766

FISCAL YEAR 2020

Programmatic Element	Contracts	Value
Inflow & Infiltration Reduction	19	\$59,442,507
Neighborhood Sewer Rehabilitation	4	\$19,406,700
Pumping & Conveyance	2	\$24,475,000
Programmatic Services	4	\$13,000,000
Total	29	\$116,324,207

SMART SEWER

FY2019 CAPITAL IMPROVEMENT PROGRAM

PLANNED
INVESTMENT



\$174,177,766



JOBS



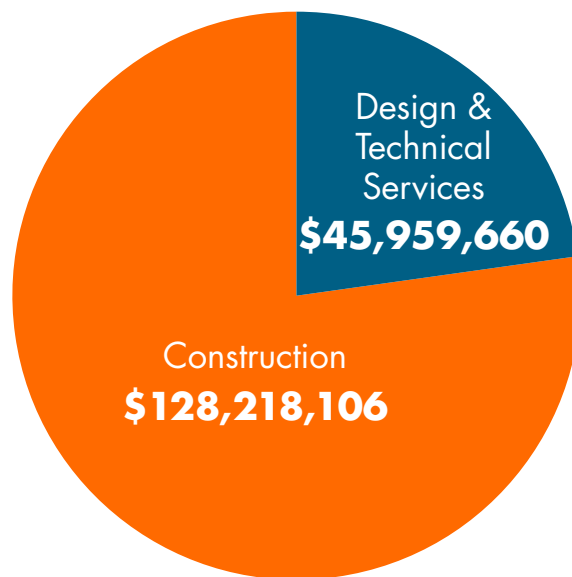
3,360+



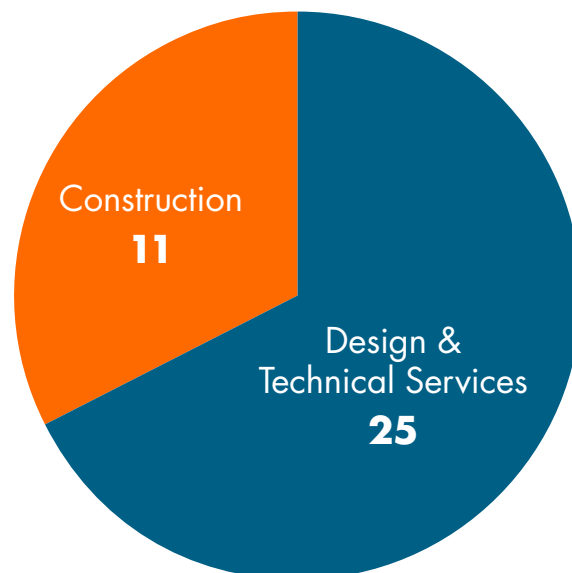
SMART SEWER

FISCAL YEAR 2019

VALUE OF CONTRACTS



NUMBER OF CONTRACTS



SMART SEWER

FY2020 CAPITAL IMPROVEMENT PROGRAM

PLANNED
INVESTMENT



\$116,324,208



JOBS



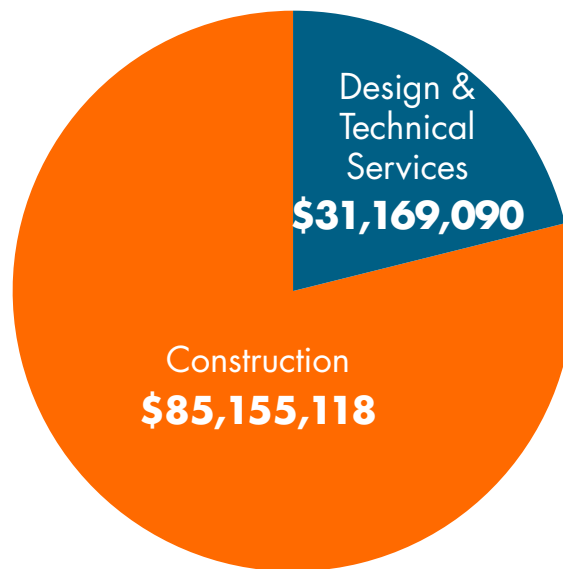
2,245+



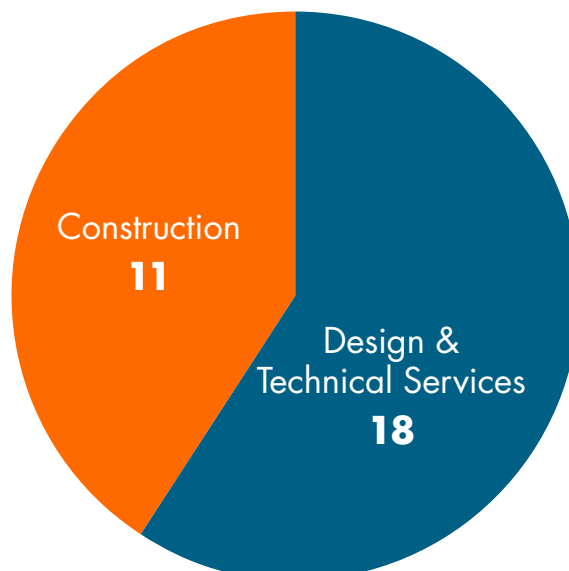
SMART SEWER

FISCAL YEAR 2020

VALUE OF CONTRACTS



NUMBER OF CONTRACTS



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SMART SEWER DESIGN PROJECTS

RACHELLE LOWE **Sewer Separation: 31st Street & Broadway**
 \$1,500,000 // March 2018

PRIYA IYENGAR **Sewer Separation: 40th & Monroe**
 \$2,853,936 // July 2018

REZA ZONNOOZ **I/I Reduction: Birmingham/Shoal Creek Project 1**
 \$1,400,000 // September 2018

BRIE ZICKEFOOSE **I/I Reduction: Birmingham/Shoal Creek Project 3**
 \$802,335 // September 2018

WILLIE WILLIAMS **Relief Sewers: Round Grove Basin**
 \$520,526 // November 2018

BRIE ZICKEFOOSE **Baseline Improvements: Town Fork Creek Basin**
 \$413,821 // January 2019

WILLIE WILLIAMS **15th Street Pump Station Upgrade**
 \$489,246 // February 2019

DAVE HAUSER **Relief Sewer: Hardesty Avenue & 31st Street**
 \$424,013 // March 2019

DAVE HAUSER **Relief Sewer: Vineyard & Lawn Street**
 \$424,013 // March 2019

SMART SEWER PROGRAM **I/I Reduction: Northern Basins Project 1**
 \$267,907 // November 2019

SMART SEWER PROGRAM **I/I Reduction: Northern Basins Project 2**
 \$243,794 // November 2019

SMART SEWER PROGRAM **I/I Reduction: Buckeye Creek Basin**
 \$586,250 // November 2019

SMART SEWER CONSTRUCTION PROJECTS

- CARLA BERGMAN **Pump Station & In-Line Storage: Gooseneck Arch Sewer**
\$20,000,000 // March 2018
- BRIE ZICKEFOOSE **Dry Weather Sewer Line Outfall 056 – Diversion Structures 065 & 073 Consolidation**
\$1,000,000 // April 2018
- DIANA JOHNSON **Lower Blue River Green Infrastructure**
\$3,330,000 // April 2018
- NICKI CHESTNUT **Neighborhood Sewer Rehabilitation: Northeast Industrial District - Package 1**
\$10,025,000 // June 2018
- BLAKE ANDERSON **Westside WWTP Wet Weather Treatment**
\$51,740,476 // July 2018
- NICKI CHESTNUT **Neighborhood Sewer Rehabilitation: Northeast Industrial District - Package 2**
\$10,025,000 // July 2018
- TERRY GODARD **Green Infrastructure Demonstration: Turkey Creek/Central Industrial District**
\$6,830,000 // August 2018
- TERRY GODARD **Green Infrastructure Demonstration: Northeast Industrial District**
\$7,680,000 // September 2018
- JULIE MCNIFF **Diversion Structure 068 Storage Basin**
\$8,500,000 // December 2018
- REZA ZONNOOZ **Neighborhood Sewer Rehabilitation: Turkey Creek/Central Industrial District - Package 1**
\$9,241,315 // January 2019
- REZA ZONNOOZ **Neighborhood Sewer Rehabilitation: Turkey Creek/Central Industrial District - Package 2**
\$9,241,315 // February 2019

KHOA NYUGEN **Neighborhood Sewer Rehabilitation: Lower Blue River - Package 1**
 \$9,241,300 // May 2019

KHOA NYUGEN **Neighborhood Sewer Rehabilitation: Lower Blue River - Package 2**
 \$9,241,300 // June 2019

WILLIE WILLIAMS **Round Grove Pump Station Upgrade**
 \$19,300,000 // July 2019

ED IEANS **I/I Reduction: Little Blue River Basin Project 1**
 \$11,109,187 // October 2019

REZA ZONNOOZ **I/I Reduction: Little Blue River Basin Project 2**
 \$5,452,000 // December 2019

REZA ZONNOOZ **I/I Reduction: Blue River South Basin Projects 4 and 5 - Phase 2**
 \$5,772,000 // January 2020

ED IEANS **I/I Reduction: Line Creek/Rock Creek Basin Project 3**
 \$6,205,738 // March 2020



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AVIATION DESIGN PROJECTS

JADE LISKA **DT Hanger Renovations**
\$800,000 // Summer 2018

AVIATION CONSTRUCTION PROJECTS

JADE LISKA **Park Air Express Parking Improvements**
\$2,000,000 // Summer 2018

JOEL TAYLOR **Post Gate 28 Redesign**
\$1,500,000 // Summer 2018

JADE LISKA **Terminal & Parking Sign Rebranding**
\$100,000 // Summer 2018

LAPONDZIA JONES **Overhaul Base Apron Rehabilitation (North of Narrow Body & Super Hangar)**
\$5,000,000 // Summer 2018

JADE LISKA **DT Hanger Renovations**
\$5,000,000 // Summer 2019

LAPONDZIA JONES **Taxiway F Reconstruction**
\$22,000,000 // Summer 2019

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PARKS & RECREATION CONSTRUCTION PROJECTS

SCOTT OVERBAY **Budd Park Pool Improvements**

————— \$100,000 // February 2018

ERICA FLAD **Roanoke Park Pedestrian Lighting**

————— \$150,000 // March 2018

ERICA FLAD **Longfellow Park Trail**

————— \$80,000 // March 2018

JORDAN CLINE **McCoy Park Trail**

————— \$300,000 // March 2018

RODNEY RIFFLE **81st & Troost Playgrounds & Rachele Morado Improvements**

————— \$400,000 // March 2018

RODNEY RIFFLE **Hodge Park Athletic Fields, Play Ground & Parking Lot Improvements**

————— \$3,500,000 // March 2018

DAVID PANEK **Citywide Park Roads, Parking Lots, Curbs, & Sidewalks**

————— \$600,000 // April 2018

ERICA FLAD **Broadway Streetscape from 39th to 40th & Archibald to 43rd**

————— \$400,000 // April 2018

CHAD HOLLINGSWORTH **Watts Mill at Indian Creek Improvements**

————— \$200,000 // April 2018

RICHARD ALLEN **White Oak Park Trail**

————— \$300,000 // April 2018

SCOTT OVERBAY **Santa Fe Trail Improvements at 117th Terrace & Oak Street**

————— \$200,000 // April 2018

PARKS & RECREATION CONSTRUCTION PROJECTS

JORDAN CLINE **Columbus Park Improvements**
 \$100,000 // May 2018

JIMMI LOSSING **Searcy Creek Greenway Trail**
 \$600,000 // May 2018

RODNEY RIFFLE **Arleta Park Shelter & Trail Improvements**
 \$300,000 // May 2018

RODNEY RIFFLE **Little Blue Valley Park Shelter & Playground Improvements**
 \$250,000 // May 2018

RODNEY RIFFLE **Southmoreland Park Trail Improvements**
 \$85,000 // May 2018

CHAD HOLLINGSWORTH **Sycamore Park Improvements**
 \$180,000 // June 2018

CHAD HOLLINGSWORTH **Tiffany Hills Park Shelter**
 \$120,000 // June 2018

JIMMI LOSSING **West Terrace Park Playground**
 \$300,000 // June 2018

JIMMI LOSSING **Penn Valley Park Restrooms**
 \$200,000 // July 2018

BOB LAWLER **Kansas City North Master Plan Phase I Implementation**
 \$200,000 // August 2018



- SCOTT OVERBAY **Briarcliff Greenway Nature Trail**
\$150,000 // August 2018
- RICHARD ALLEN **Swope Park Connector Trail**
\$500,000 // November 2018
- JAMES WANG **Redbridge Road – from Holmes to Wornall Road**
\$3,500,000 // December 2018
- JAMES WANG **Maplewoods Parkway – from 96th St to Shoal Creek Parkway**
\$14,000,000 // January 2019
- JAMES WANG **Paseo Gateway Project at the Independence Blvd. Intersection**
\$9,000,00 // February 2019
- RICHARD ALLEN **N. Troost Trail – from 49th Street to Vivion Road**
\$300,000 // May 2019

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PUBLIC WORKS DESIGN PROJECTS

- CHAD THOMPSON **Lexington Bridge Over Chestnut Tfwy Repairs**
\$200,000 // March 2018
- DAVID MILLER **NE 112th Street Bridge from N Stark to MO Highway A**
\$80,000 // June 2018
- STACEY LOWE **31st/Linwood/Van Brunt**
\$220,000 // June 2018
- KERRY KANATZAR **Bannister Road Streetscape & Corridor Design Plans**
\$150,000 // June 2018
- CHAD THOMPSON **Gregory Blvd. Bridge Over Big Blue River**
\$600,000 // June 2018
- DAVID MILLER **Byrams Ford Road Bridge Over Round Grove Creek**
\$250,000 // July 2018
- CHAD THOMPSON **Blue River Road Design**
\$250,000 // July 2018
- KERRY KANATZAR **Blue Ridge Streetscape & Corridor Design Plans**
\$150,000 // July 2018
- CHAD THOMPSON **Hillcrest Road Bridge Over Small Creek**
\$50,000 // July 2018

PUBLIC WORKS CONSTRUCTION PROJECTS

STACEY LOWE **Old Tiffany Springs Road Bridge Over I-29**
 \$8,600,000 // March 2018

JERRY NELSON **Citywide Sidewalk Repairs**
 \$1,400,000 // March 2018

GARRETT ROSS **Street Resurfacing 18-1**
 \$4,000,000 // March 2018

GARRETT ROSS **Street Resurfacing 18-2**
 \$5,000,000 // March 2018

GARRETT ROSS **BruStreet Resurfacing 18-3**
 \$2,000,000 // March 2018

KIM PEMBERTON **NW Prairie View Road & North of 64th Street – Improvements**
 \$1,100,000 // April 2018

JERRY NELSON **Citywide ADA Corner Repairs**
 \$850,000 // April 2018

TRAM FENIMORE **Little Blue Road from Norfleet to Noland Road**
 \$400,000 // April 2018

KIM PEMBERTON **Beardsley Road Landslide**
 \$100,000 // May 2018

STACEY LOWE **Bennington Avenue – 66th to 67th Street – Reconstruction**
 \$800,000 // May 2018

PUBLIC WORKS CONSTRUCTION PROJECTS

- CHAD THOMPSON **Kenneth Road Bridge Over Blue River**
 \$3,100,000 // May 2018
- KIM PEMBERTON **NW 72nd Street & I-29 to Overland – Street Improvement**
 \$4,000,000 // May 2018
- DAVID MILLER **155th Street & Kensington Avenue to Scott Avenue**
 \$3,300,000 // June 2018
- CHAD THOMPSON **N. Oak Trafficway – North Kansas City, City Limits to N. Indianola**
 \$5,800,000 // June 2018
- KIM PEMBERTON **NW Prairie View Road & South of 64th Street – Improvements**
 \$6,300,000 // September 2018
- KIM PEMBERTON **N. Brighton – NE 58th Street to Pleasant Valley Road**
 \$9,350,000 // September 2018
- STACEY LOWE **NE 104th Street from Missouri 291 to A Highway – Phase 2A**
 \$3,500,000 // September 2018



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WATER FY2019 DESIGN PROJECTS

STEVE MORSE	Citywide As-Built Assistance	\$250,000
STEVE MORSE	GIS Data Attribute Cleanup	\$500,000
DEBRA SMITH	ADA Compliance	\$40,000
CARLA BERGMAN	Upgrading WTP Capacity Phase 1 – Water Treatment Plant Improvements to Basin Walkways, Launderers, Supports, Equipment & Weirs	\$3,000,000
CHRIS HERRERA	Replace Switchgear at Secondary Pump Station	\$1,200,000
KELLY FINN	16" Missouri River Crossing to Downtown Airport	\$150,000
MULTIPLE	Water Main Replacements	\$5,000,000

WATER FY2019 CONSTRUCTION PROJECTS

CARLA BERGMAN **East Bottoms Pump Station Phase 3 (Valves & Header, Clearwell & Satellite PS, Storage Tank Baffling & Sluice Gates)**
 \$17,000,000

JOHN REDDY IV **Prospect Road Elevated Tank**
 \$6,000,000

JOHN REDDY IV **Arrowhead Tank Painting**
 \$1,250,000

KELLY FINN **NE Pleasant Valley Road (N. Brighton to Searcy Creek) – Transmission**
 \$3,750,000

KELLY FINN **Maplewoods Parkway Transmission Main from 96th Street to Cookingham Drive**
 \$2,000,000

DAN SULLIVAN **NW Waukomis Drive From Englewood to NW 62ND Street**
 \$2,250,000

REBECCA MITCHELL **Water Main Replacement (N. Green Hills Road from Platte Brooke Drive to NW 78th Street)**
 \$2,250,000

REBECCA MITCHELL **Water Main Replacement (N. Green Hills Road from NW 78th Street to NW Barry Road)**
 \$2,250,000

<p>NIMESHA SENANAYAKE</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Bales Avenue to Belmont Avenue, E. 99th Street to E.107th Terrace</p> <p>\$4,030,000</p>
<p>DAN SULLIVAN</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Jarboe Street to Brooklyn Avenue, W. 79th Street to E. 86th Street</p> <p>\$3,510,000</p>
<p>KELLY FINN</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of N. Troost Avenue to N. Cleveland Avenue, NE 46th Street to NE Englewood Road</p> <p>\$3,067,000</p>
<p>DAN SULLIVAN</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Crystal Avenue to Greenwood Road, E. 103rd St to E. 115th Street</p> <p>\$2,120,000</p>
<p>TERRY THOMAS</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Northern Avenue to Lee’s Summit Road, E. 49th Street to E. 62nd Street</p> <p>\$1,980,000</p>
<p>DIANA JOHNSON</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Ward Parkway to Main Street, W. 85th Street to Western Hills Drive</p> <p>\$1,960,000</p>
<p>TERRY THOMAS</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of N Lister Avenue to N. Sycamore Drive, NE 47th Street to NE 62nd Street</p> <p>\$1,830,000</p>
<p>DAN SULLIVAN</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Cherry Street to Prospect Avenue, E. 122nd Street to E. 130th Street</p> <p>\$1,730,000</p>
<p>DAN SULLIVAN</p> <hr style="width: 50px; margin-top: 5px;"/>	<p>Water Main Replacement in the Area of Glen Arbor Terrace to Virginia Avenue, E. 110th Street to E. 117th Street</p> <p>\$1,530,000</p>

WATER FY2019 CONSTRUCTION PROJECTS

DAN SULLIVAN



Water Main Replacement Along E. 139th Street from SW Peterson Road to SW Sampson Road

\$1,450,000

REBECCA MITCHELL



Water Main Replacement (N. Oak Reconstruction)

\$100,000

KELLY FINN



Water Main Replacement (N. Brighton from NE 58th Street to Pleasant Valley Road 12" Distribution Main)

\$1,200,000

REBECCA MITCHELL



Water Main Replacement (Paseo Gateway Project – Independence Avenue)

\$100,000

TERRY THOMAS



Ongoing Valve Repair and Replacement Program

\$1,250,000

NIMESHA SENANAYAKE



Pipeline Supplemental Workforce

\$2,650,000

NIMESHA SENANAYAKE



Oversized Mains – Citys Share

\$250,000

TERRY THOMAS



Service Line Repairs

\$900,000

TERRY THOMAS



Meter Field Services Supplemental Services

\$1,500,000

DAN SULLIVAN



Large Meter Replacement (Labor Only)

\$600,000

MULTIPLE **Water Main Relocations**

————— \$250,000

TERRY THOMAS **Hydrant Repair Citywide**

————— \$1,000,000

KELLY FINN **Valve Replacement**

————— \$2,000,000

WATER FY2020 DESIGN PROJECTS

DEBRA SMITH **18th Street Complex Improvements**

————— \$6,100,000

KELLY FINN **Hardesty & 63rd Street 36" Transmission Replacement**

————— \$150,000

MULTIPLE **Water Main Replacements in FY20**

————— \$5,000,000

DEBRA SMITH **ADA Compliance (Water)**

————— \$400,000

DEBRA SMITH **18th Street Complex Improvements**

————— \$275,000

CARLA BERGMAN **Upgrading WTP Capacity Phase 1 – Water Treatment Plant Improvements to Basin Walkways, Launderers, Supports, Equipment & Weirs**

————— \$15,000,000

WATER FY2020 CONSTRUCTION PROJECTS

CHRIS HERRERA **Replace Switchgear at Secondary Pump Station**

————— \$12,000,000

JOHN REDDY IV **Downtown Elevated Tank**

————— \$6,500,000

KELLY FINN **131st Street Holmes to Prospect Avenue Transmission Main 16" to New Tank**

————— \$2,250,000

REBECCA MITCHELL **75th Street Transmission Main – Phase 1 (Main Street to Summit Street)**

————— \$6,500,000

KELLY FINN **Water Main Replacement (N. Brighton from NE 58th Street to NE 64TH Street)**

————— \$3,500,000

NIMESHA SENANAYAKE **Platte 4 Skyview Transmission Main Extension**

————— \$1,000,000

REBECCA MITCHELL **Water Main Replacement in the Area of Wyoming Avenue to Flora Avenue, W. 65th Street to W 78th Street**

————— \$7,500,000

TERRY THOMAS **Water Main Replacement in the Area of College Avenue to James A. Reed Road, E. 71st Street to E. 80th Terrace**

————— \$2,850,000

TERRY THOMAS **Water Main Replacement in the Area of I-435 to Oxford Avenue, E. 49th Street to E 59th Street**

————— \$1,290,000



KELLY FINN **Water Main Replacement in the Area of Genessee Street to Euclid Avenue, E. 1st Street to E. 23rd Street**

\$1,410,000

KELLY FINN **Water Main Replacement in the Area of Norton Avenue to Quincy Avenue, E. 52nd Street to E. 55th Street**

\$1,200,000

REBECCA MITCHELL **Water Main Replacement in the Area of Monroe Avenue to Hardesty Avenue, E. 43rd Street to E. 47th Street**

\$1,140,000

ALVINA KWEH **Water Main Replacement in the Area of N Chaumiere Road to N. Cleveland Avenue, NE Russell Road to NE 43rd Street**

\$810,000

REBECCA MITCHELL **Water Main Replacement in the Area of Wallace Avenue to Willow Avenue, E. 29th Terrace to E. 39th Terrace**

\$1,560,000

KELLY FINN **Water Main Replacement (Front Street from Chouteau to Universal)**

\$1,500,000

DAN SULLIVAN **Water Main Replacement (Noland Road & Hwy 350 Intersection Improvements)**

\$500,000

REBECCA MITCHELL **Water Main Replacement (Wornall Road from Gregory to 75th Street)**

\$500,000

MICKEY CRUSE/
REBECCA MITCHELL **Water Main Replacement (75th and Cleveland (Swope Industrial Levee)**


\$500,000

WATER FY2020 CONSTRUCTION PROJECTS

KELLY FINN **NE Pleasant Valley Road (N. Brighton to Searcy Creek) – Distribution - KCMO Public Works**
 \$1,400,000

TERRY THOMAS **Ongoing Valve Repair & Replacement Program**
 \$1,250,000


NIMESHA SENANAYAKE **Pipeline Supplemental Workforce**
 \$2,650,000


NIMESHA SENANAYAKE **Oversized Mains – Citys Share**
 \$250,000


TERRY THOMAS **Service Line Repairs**
 \$900,000

TERRY THOMAS **Meter Field Services Supplemental Services**
 \$1,500,000

DAN SULLIVAN **Large Meter Replacement (Labor Only)**
 \$600,000

MULTIPLE **Water Main Relocations**
 \$250,000

TERRY THOMAS **Hydrant Repair Citywide**
 \$1,000,000

KELLY FINN **Valve Replacement**
 \$2,000,000



WASTEWATER FY2019 DESIGN PROJECTS

DAVID ELGE	Relocate Operational Controls to Outside PS	\$106,000
STEVE MORSE	Citywide As-Built Assistance	\$250,000
STEVE MORSE	GIS Data Attribute Cleanup	\$250,000
DEBRA SMITH	Wastewater ADA Compliance	\$30,000
JOHN REDDY IV	Blue River Screen Replacement (BR Screen House and Effluent Pump Station)	\$504,000
BLAKE ANDERSON	Blue River WWTP Solids Processing Improvements	\$10,000,000
SHAUN O'KELLEY	3 Vertical Climbing Bar Screens (Line Creek)	\$400,000
JOHN REDDY IV	Riverside Tube Station Replacement	\$250,000

WASTEWATER FY2019 CONSTRUCTION PROJECTS

- BON MARIE GARDNER** **WSD Learning Labs**
\$3,360,000
- ALEX IVANESCU** **Little Shoal Creek Interceptor**
\$21,000,000
- ALEX IVANESCU** **Collection System Improvements**
\$7,500,000
- BON MARIE GARDNER** **950 N. Century Maintenance Building**
\$1,000,000
- CARLA BERGMAN** **Buckeye Force Main Improvements**
\$9,310,000
- FELIX CARDONA** **Farm Lagoons Rehabilitation & Repairs**
\$2,442,000
- SHAUN O'KELLEY** **Birmingham WWTP Primary Clarifier Mechanisms Replacement Project**
\$3,860,000





WASTEWATER FY2020 DESIGN PROJECTS

BLAKE ANDERSON	Blue River WWTP Solids Processing Improvements	\$90,000,000
DAVID ELGE	Blue River Pump Station, BFP & Incinerator Area & Primary Sludge Electrical Upgrade	\$175,672
DAVID ELGE	Blue River Secondary Pump Station & Chemical Feed Building Electrical Upgrade	\$15,818
SHAUN O'KELLEY	Blue River Phase II Mechanical Improvements	\$124,004
SHAUN O'KELLEY	Blue River Pump Station Pump Replacement & Grit Removal Upgrade	\$1,775,785
BLAKE ANDERSON	Birmingham Headworks & Electrical Improvements	\$287,000
BON MARIE GARDNER	Rocky Branch Aerobic Digester Addition and Sludge Pump Replacement	\$250,074

WASTEWATER FY2020 CONSTRUCTION PROJECTS

CHRIS HERRERA



Wastewater SCADA Improvements

\$9,000,000

DAVID ELGE



Relocate Operational Controls to Outside PS (7 PSs)

\$928,000

DEBRA SMITH



Wastewater ADA Compliance

\$300,000

ALEX IVANESCU



Collection System Improvements

\$7,500,000

BON MARIE GARDNER



Blue River Screen Replacement (BR Screen House & Effluent Pump Station)

\$4,528,000

SHAUN O'KELLEY



3 Vertical Climbing Bar Screens (Line Creek)

\$4,200,000

FELIX CARDONA

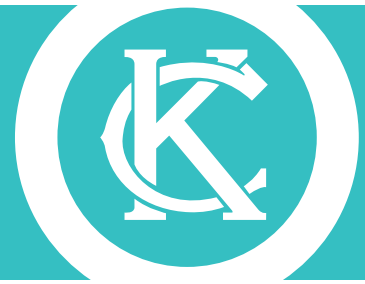


Todd Creek Sludge Pump Replacement

\$711,000



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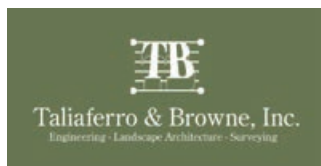
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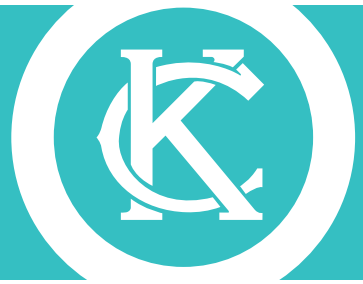


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