

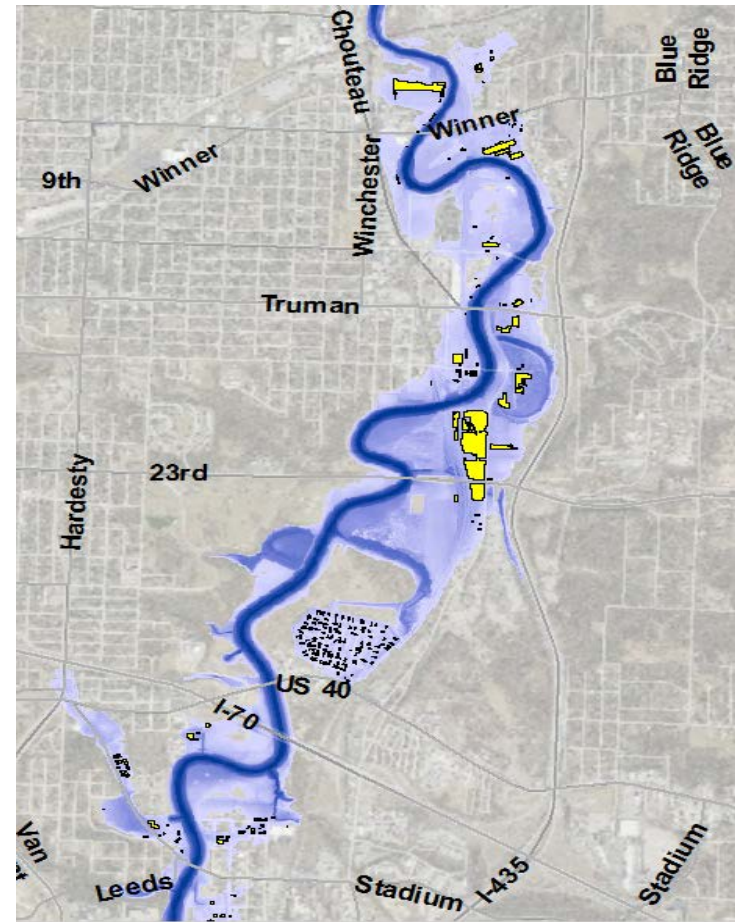
KC Water Director – Terry Leeds

BLUE RIVER FLOOD CONTROL IMPROVEMENTS

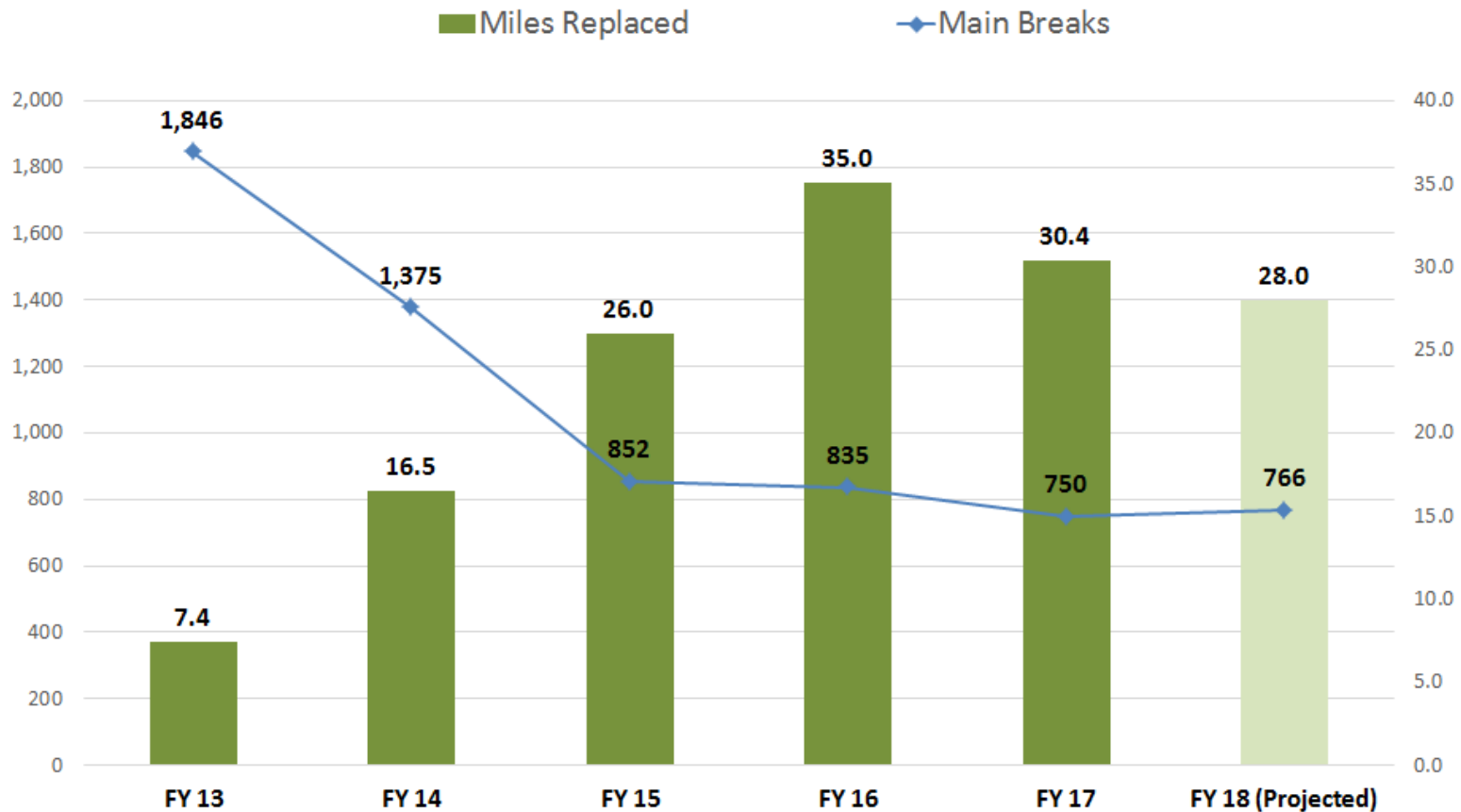
Without Blue River Flood Control Improvements

FEMA mapping before and after Improvements shows:

- 476 Structures would have flooded by up to 11.88 feet
- 1,725,600 square feet of structures would have been flooded.
- \$41.3 Million in property damage prevented
- This does not include an estimate of lost inventory.
- The community impact would have been severe.



WATER MAIN REPLACEMENT PROGRAM



2019-2020 WATER CIP

2019 WATER PROJECTS

Design

Project Manager	Project Name	Value
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 and 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 in FY19	\$ 5,000,000

Construction

Project Manager	Project Name	Value
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 St. to Cookingham Dr. - GO BOND (Parks)	\$ 2,000,000
Dan Sullivan	NW Waukomis Drive From Englewood to NW 62ND Street	\$ 2,250,000

Construction

Project Manager	Project Name	Value
Terry Thomas	Ongoing Valve Repair and Replacement Program	\$ 1,250,000
Nimesha Senanayake	Pipeline Supplemental Workforce	\$ 2,650,000
Nimesha Senanayake	Oversized Mains	\$ 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

Construction

Project Manager	Project Name	Value
Nimesha Senanayake	Water Main Replacement in the Area of Bales Avenue to Belmont Avenue, E 99th Street to E 107th Terrace	\$ 4,030,000
Dan Sullivan	Water Main Replacement in the Area of Jarboe Street to Brooklyn Avenue, W 79th Street to E 86th Street	\$ 3,510,000
Kelly Finn	Water Main Replacement in the Area of N Troost Avenue to N Cleveland Avenue, NE 46th Street to NE Englewood Road	\$ 3,067,000
Dan Sullivan	Water Main Replacement in the Area of Crystal Avenue to Greenwood Road, E 103rd St to E 115th Street	\$ 2,120,000
Terry Thomas	Water Main Replacement in the Area of Northern Avenue to Lee's Summit Road, E 49th Street to E 62nd Street	\$ 1,980,000
Diana Johnson	Water Main Replacement in the Area of Ward Parkway to Main Street, W 85th Street to Western Hills Drive	\$ 1,960,000
Terry Thomas	Water Main Replacement in the Area of N Lister Avenue to N Sycamore Drive, NE 47th Street to NE 62nd Street	\$ 1,830,000

Construction

Project Manager	Project Name	Value
Dan Sullivan	Water Main Replacement in the Area of Cherry Street to Prospect Avenue, E 122nd Street to E 130th Street	\$ 1,730,000
Dan Sullivan	Water Main Replacement in the Area of Glen Arbor Terrace to Virginia Avenue, E 110th Street to E 117th Street	\$ 1,530,000
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 - North Oak Reconstruction	\$ 100,000
Kelly Finn	Water Main Replacement - N. Brighton from NE 58th St. to Pleasant Valley Rd. 12" Distribution Main	\$ 1,200,000
Rebecca Mitchell	Water Main Replacement - Paseo Gateway Project -Independence Ave	\$ 100,000

2020 WATER PROJECTS

Design

Project Manager	Project Name	Value
Debra Smith	18th Street Complex Improvements	\$ 6,100,000
Kelly Finn	Hardesty and 63rd St. 36" Transmission Replacement	\$ 150,000
Multiple	Water Main Replacements in FY20	\$ 5,000,000

Construction

Project Manager	Project Name	Value
Debra Smith	ADA Compliance	\$ 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 and Weirs	\$ 15,000,000
Chris Herrera	Replace Switchgear at Secondary Pump Station - WTP	\$ 12,000,000
John Reddy IV	Downtown Elevated Tank	\$ 6,500,000
Kelly Finn	131st St. Holmes to Prospect Ave. Transmission Main 16" to new tank.	\$ 2,200,000
Rebecca Mitchell	75th Street Transmission Main - Phase 1 (Main Street to Summit Street)	\$ 6,500,000

Construction

Project Manager	Project Name	Value
Terry Thomas	Ongoing Valve Repair and Replacement Program	\$ 1,250,000
Nimesha Senanayake	Pipeline Supplemental Workforce	\$ 2,650,000
Nimesha Senanayake	Oversized Mains	\$ 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

Construction

Project Manager	Project Name	Value
Kelly Finn	Water Main Replacement (N. Brighton from NE 58th St. to NE 64TH St.)	\$ 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

2019-2020 WASTEWATER CIP

2019 WASTEWATER PROJECTS

Design

Project Manager	Project Name	Value
David Elge	Relocate Operational Controls to Outside PS (7 PSs)	\$ 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 L. Reddy, IV	Blue River Screen Replacement (BR Screen House and Effluent Pump Station)	\$ 504,000
Shaun O'Kelley	Line Creek PS - 3 Vertical Climbing Bar Screens	\$ 400,000
John L. Reddy, IV	Riverside Tube Station Replacement (SLBE)	\$ 250,000
Blake W. Anderson	Blue River WWTP Solids Processing Improvements	\$10,000,000

Construction

Project Manager	Project Name	Value
Bon Marie Gardner	WSD Learning Labs	\$ 3,360,000
Alex Ivanescu	Little Shoal Cr. 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 Cordona	Sludge Lagoons Rehabilitation and Repairs	\$ 2,442,000
Shaun O'Kelley	Birmingham WWTP Primary Clarifier Mechanisms Replacement Project	\$ 3,860,000

2020 WASTEWATER PROJECTS

Design

Project Manager	Project Name	Value
David Elge	Blue River Pump Station, BFP and Incinerator Area, and Primary Sludge Electrical Upgrade (SLBE)	\$ 175,672
David Elge	Blue River Secondary Pump Station and Chemical Feed Building Electrical Upgrade	\$ 15,818
Shaun O'Kelley	Blue River Phase II Mechanical Improvements (SLBE)	\$ 124,004
Shaun O'Kelley	Blue River Pump Station Pump Replacement and Grit Removal Upgrade	\$ 1,775,785
Blake W. Anderson	Birmingham Headworks and Electrical Improvements	\$ 287,000
Bon Marie Gardner	Rocky Branch Aerobic Digester Addition and Sludge Pump Replacement	\$ 250,074

Construction

Project Manager	Project Name	Value
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 and Effluent Pump Station)	\$ 4,528,000
Blake W. Anderson	Blue River WWTP Solids Processing Improvements	\$90,000,000
Shaun O'Kelley	Line Creek PS - 3 Vertical Climbing Bar Screens	\$ 4,200,000
Felix Cordona	Todd Creek Sludge Pump Replacement	\$ 711,000