



TRANSPORTATION, INFRASTRUCTURE & OPERATIONS COMMITTEE

SEPTEMBER 15, 2021



ORDINANCE NO. 210723

Todd Creek Facility Plan Update, Amendment No. 1

Authorizing a \$5,638,202.00 design professional services contract Amendment No. 1 to Contract No. 1587 with Burns & McDonnell Engineering Company, Inc., for the Todd Creek Facility Plan Update project for a total contract amount of \$6,439,231.00.

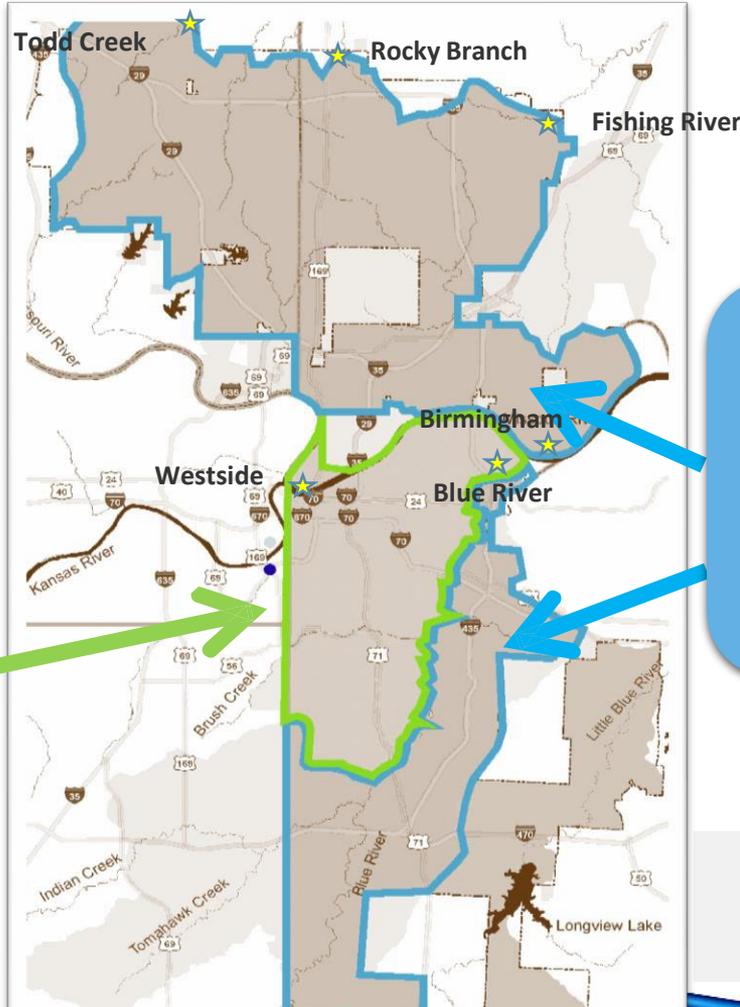
Wastewater System

Combined Sewer System

- 58 square miles
- 1,060 miles of pipe
- Dates back to 1857
- 90 outfalls
- 6.4 billion gallons of overflow (avg./year)

Separate Sewer System

- 260 square miles
- 1,750 miles of pipe
- Dates back to 1960s

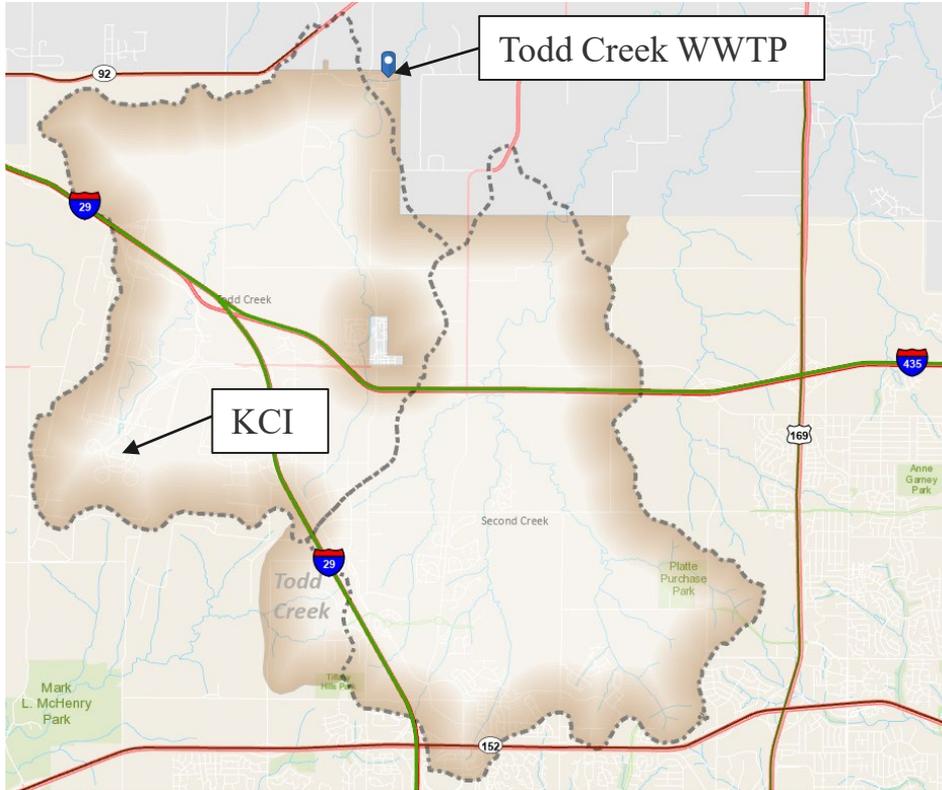


670,000 People Served

Combined Sewer System
Separate Sewer System

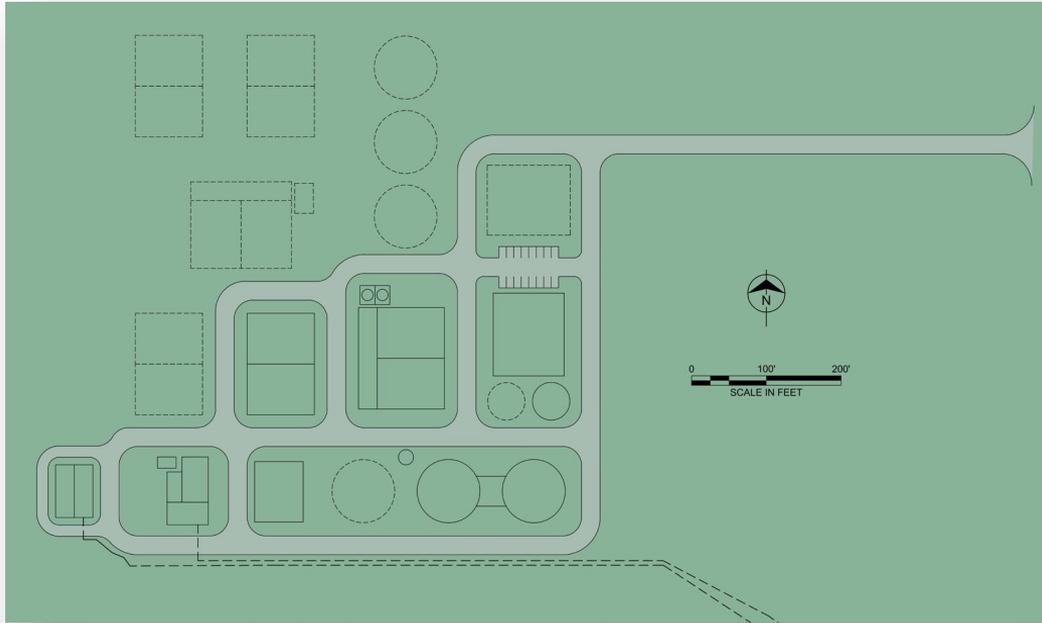
★ WWTPs

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- Todd Creek WWTTP project drivers
 - Condition of facilities
 - Service population growth
 - Watershed development
 - KCI development and aircraft de-icing contributions
 - Industrial development
- Platte County interconnection
- Existing treatment facility in the flood plain

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Preliminary Todd Creek General Plant Layout

- Current plant permit:
 - 3.4 MGD
 - 27,000 population equivalent
 - Currently at 90% of capacity
- New plant design will be expandable for a watershed of up to 75,000 people



THANK YOU

