



Oklahoma City Water Utilities Trust

FY 2017-2021 Proposed Capital Improvement Plan



October 25, 2016

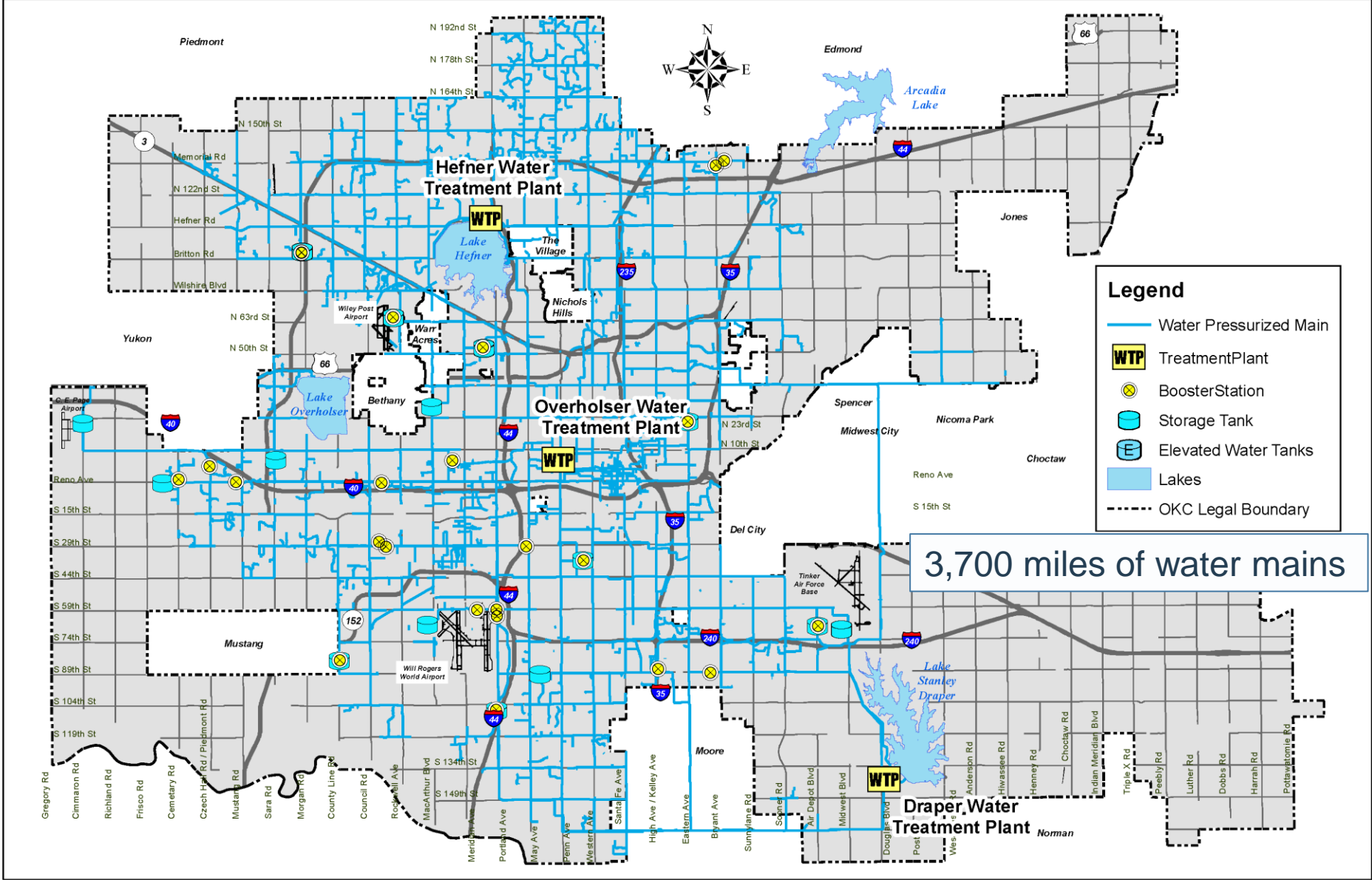
Utilities Capital Plan

- Water
- Wastewater
- Solid Waste



Water Capital Improvement Plan





Proposed Capital Improvement Plan 2017-2021

Water Capital Plan by Fiscal Year

Fiscal Year	Proposed	
2017	\$139.9 million	
2018	\$117.5 million	
2019	\$255.0 million	
2020	\$252.2 million	
2021	\$223.6 million	AVERAGE
TOTAL	\$988.2 million	\$197.6 million



Water Overview

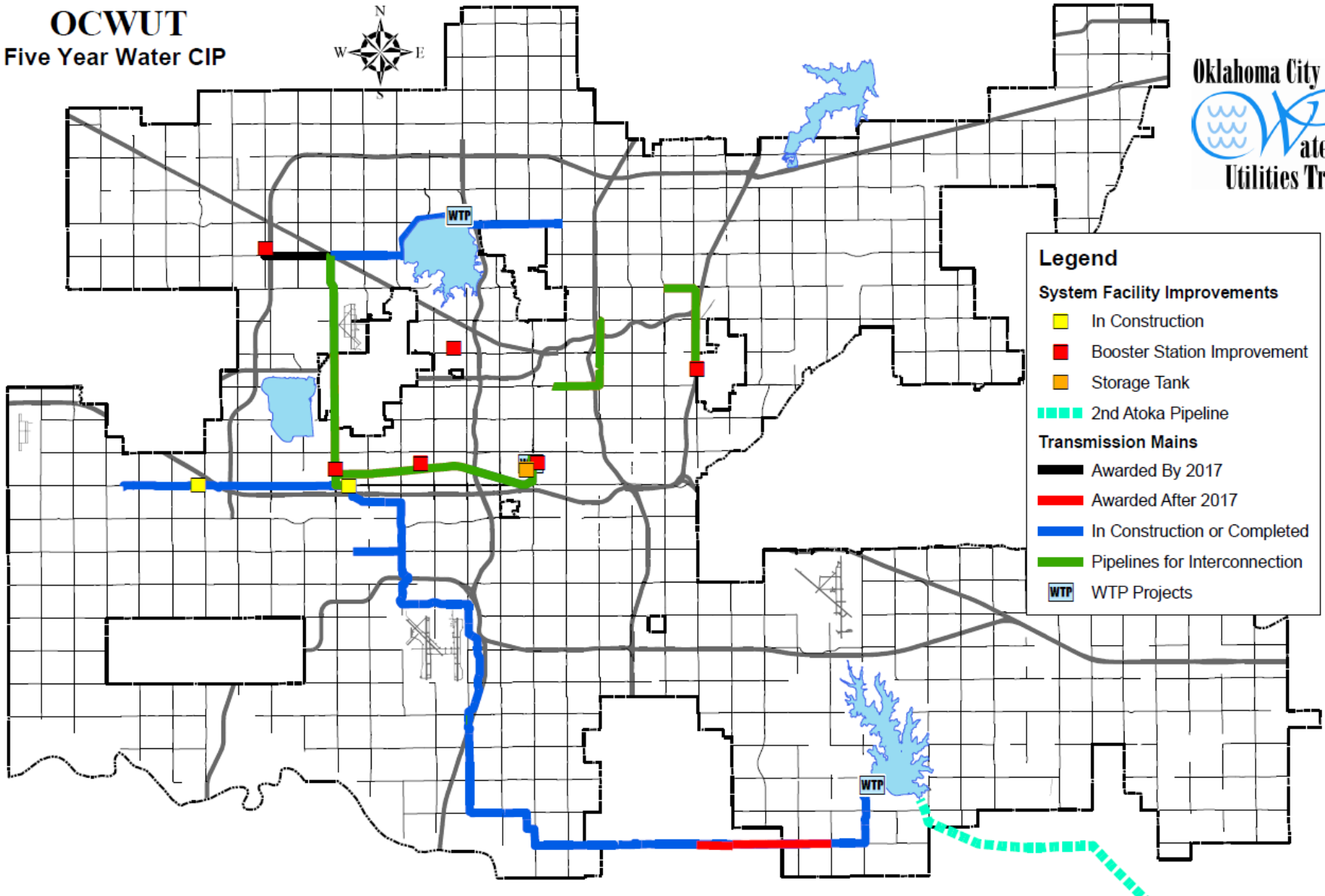


- Neighborhood Replacements
- Transmission Mains
- Water Storage and Pumping
- Water Plant Improvements
- Raw Water Supply

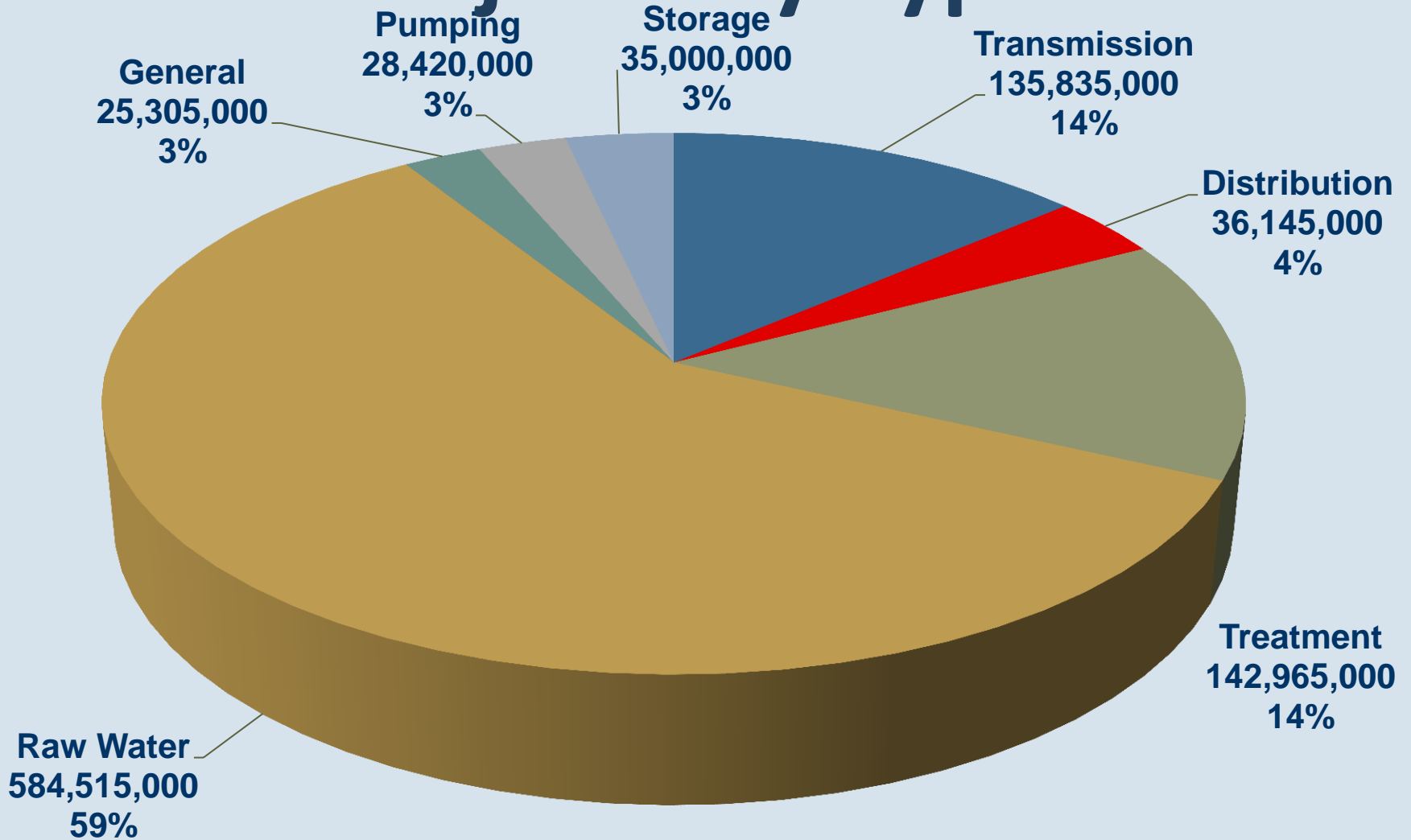


Plants, Pipes, Pumps

OCWUT
Five Year Water CIP



Water Projects By Type



\$988,185,000

Proposed Capital Improvement Plan 2017-2021

Neighborhood Main Replacement

- Approx. 10 miles per year
- \$36.1 million



Water Transmission Mains

- Interconnection of Hefner/Draper systems
- NW extension from Hefner WTP
- Replacement of existing 72-inch
- \$135.8 million

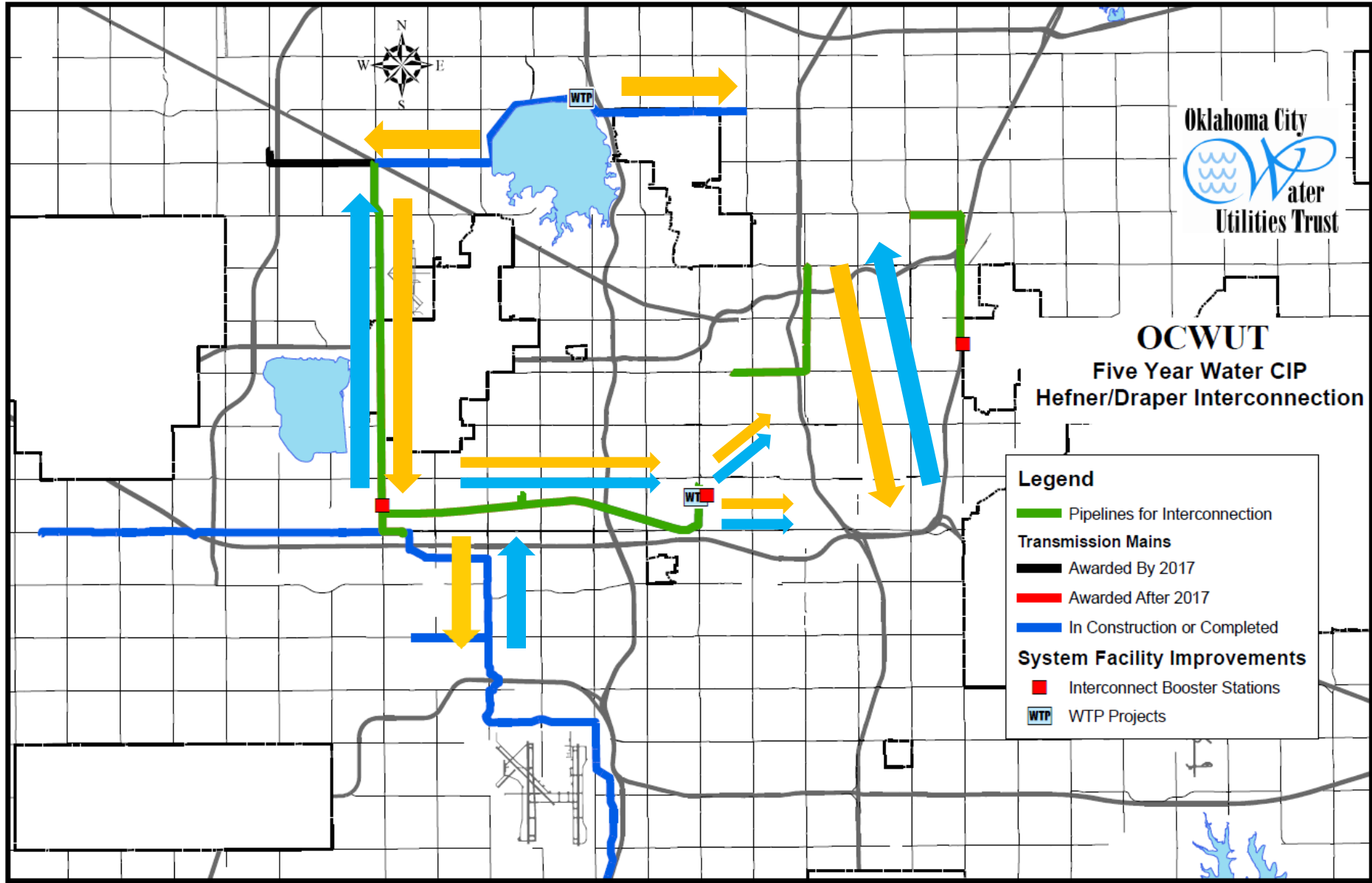


Water Storage & Pumping

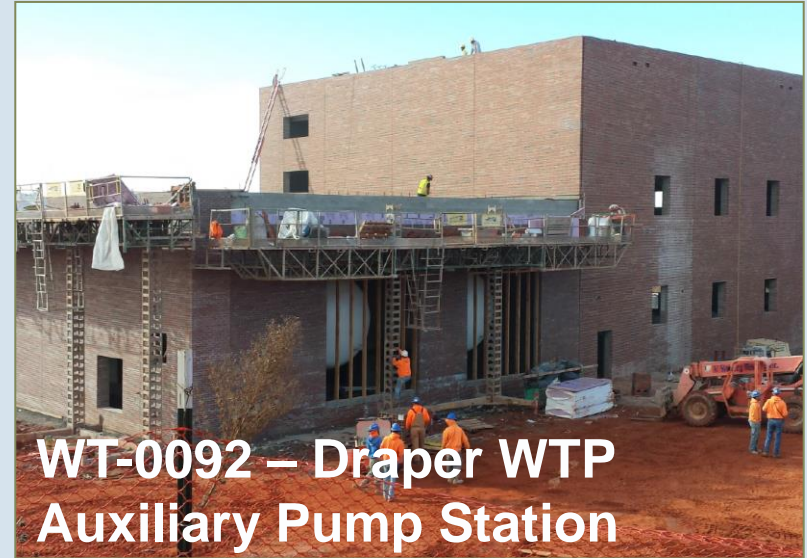
- Booster station upgrades
- Storage improvements
- \$63.4 million



Hefner/Draper Interconnection

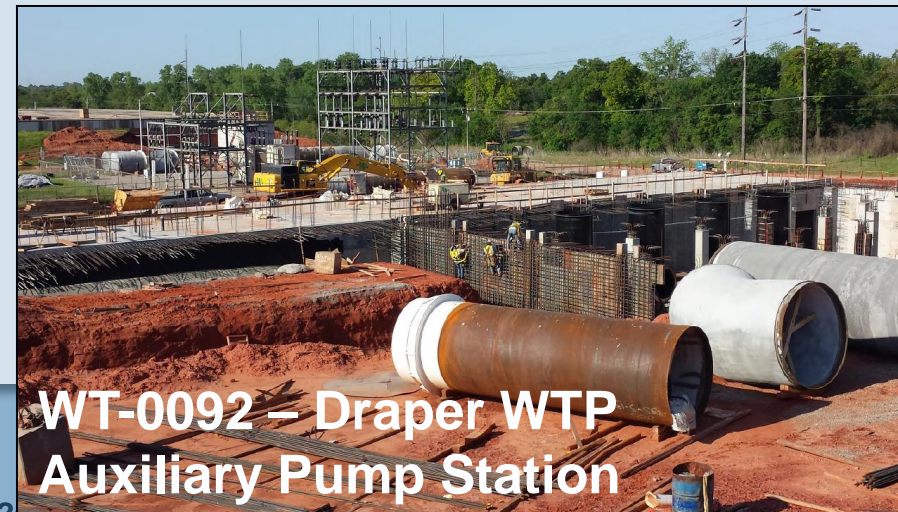


Water Treatment Plants

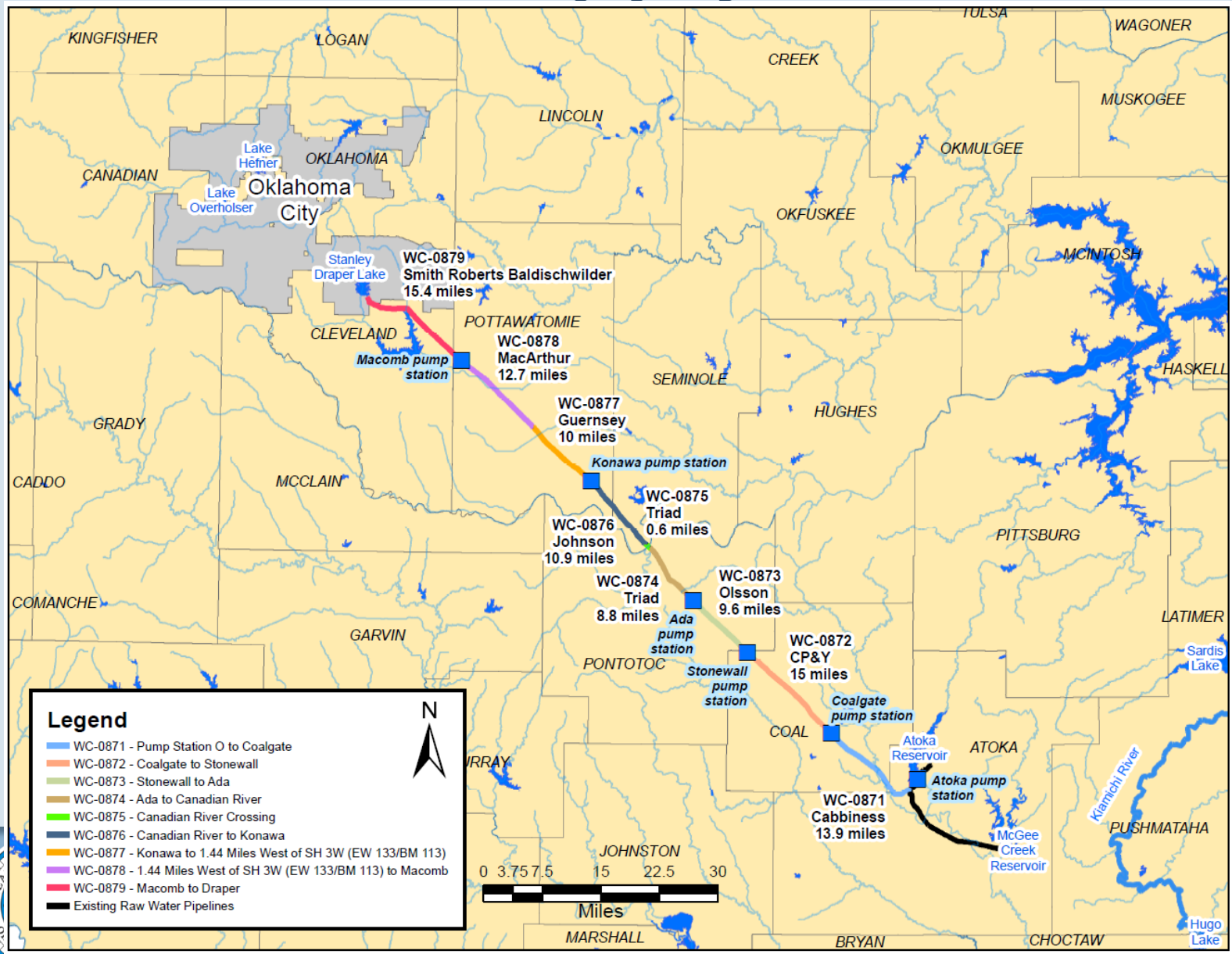


Water Treatment Plants

- Hefner Plant
 - Electrical improvements
 - Ozone system upgrades
 - Increased treatment flexibility
 - Lime system upgrades
- Draper Plant
 - Low lift pump station
 - Clearwell and piping improvements
- \$143.0 million



Raw Water Supply



Raw Water Supply

- Existing Pipeline
 - Surge protection improvements
 - Balancing tank replacements
 - Atoka spillway modifications
- SE Oklahoma Water Supply
 - Design
 - Construction
 - Land acquisition (as necessary)
 - Environmental studies and mitigation
- \$584.5 million



Water Capital Improvement Plan

\$988.2 million



Wastewater Capital Improvement Plan



Deer Creek Sewershed
80,000 Acres

Chisholm Creek Sewershed
22,000 Acres

Deep Fork Sewershed
50,000 Acres

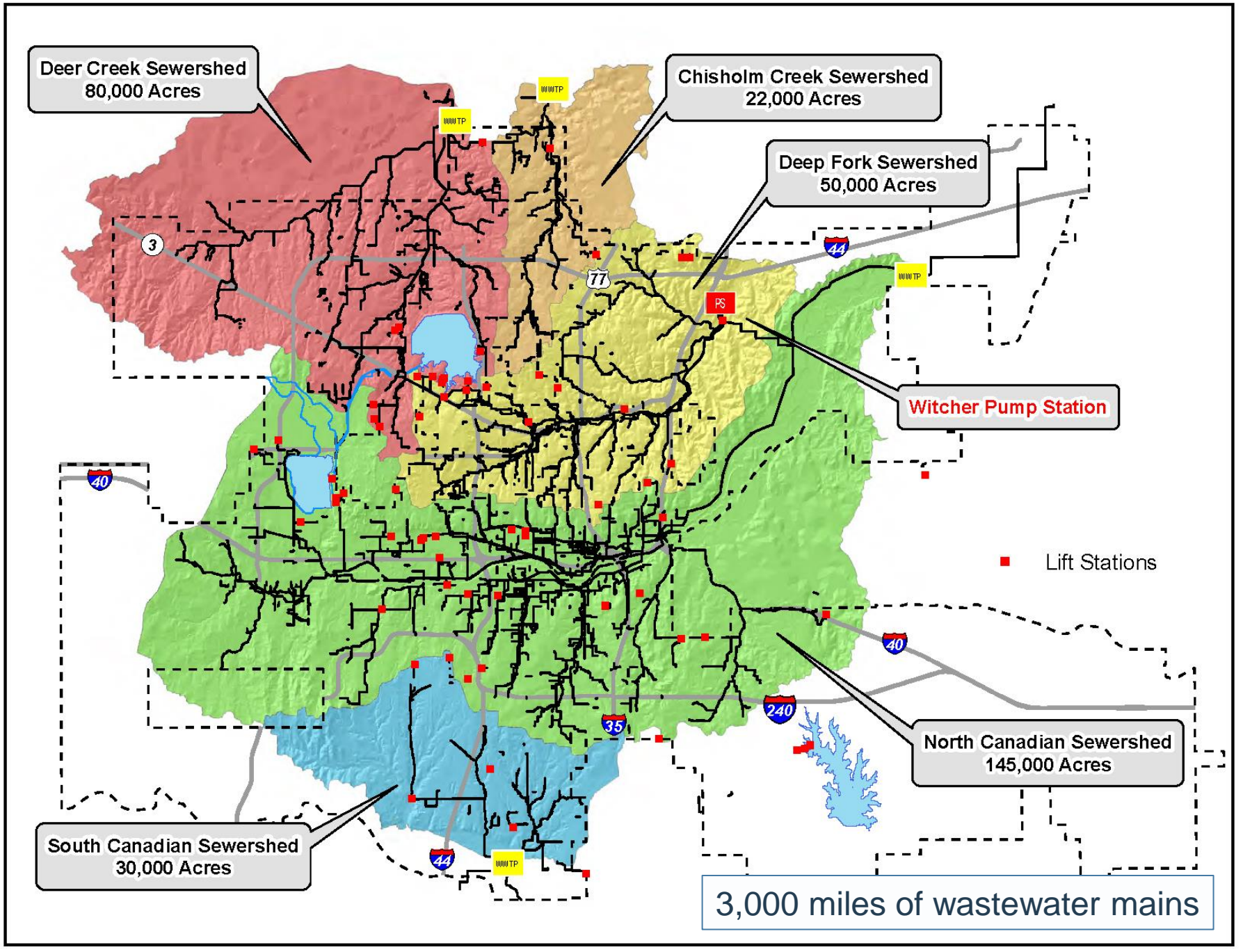
Witcher Pump Station

North Canadian Sewershed
145,000 Acres

South Canadian Sewershed
30,000 Acres

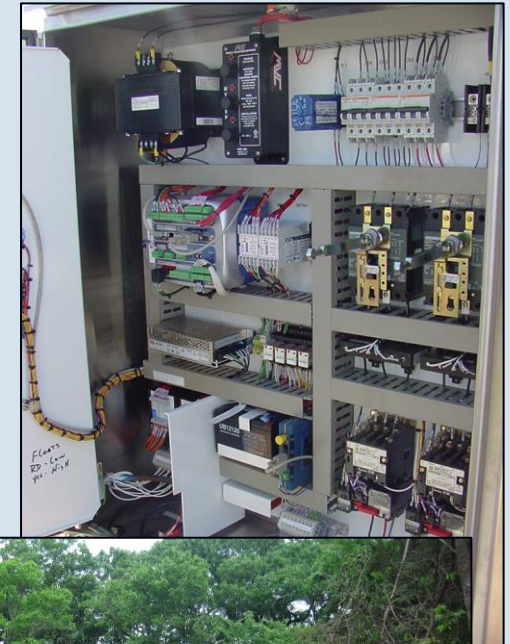
■ Lift Stations

3,000 miles of wastewater mains



Wastewater Overview

- Sewer main replacement and rehabilitation
- Relief mains
- Lift station improvements
- Plant improvements

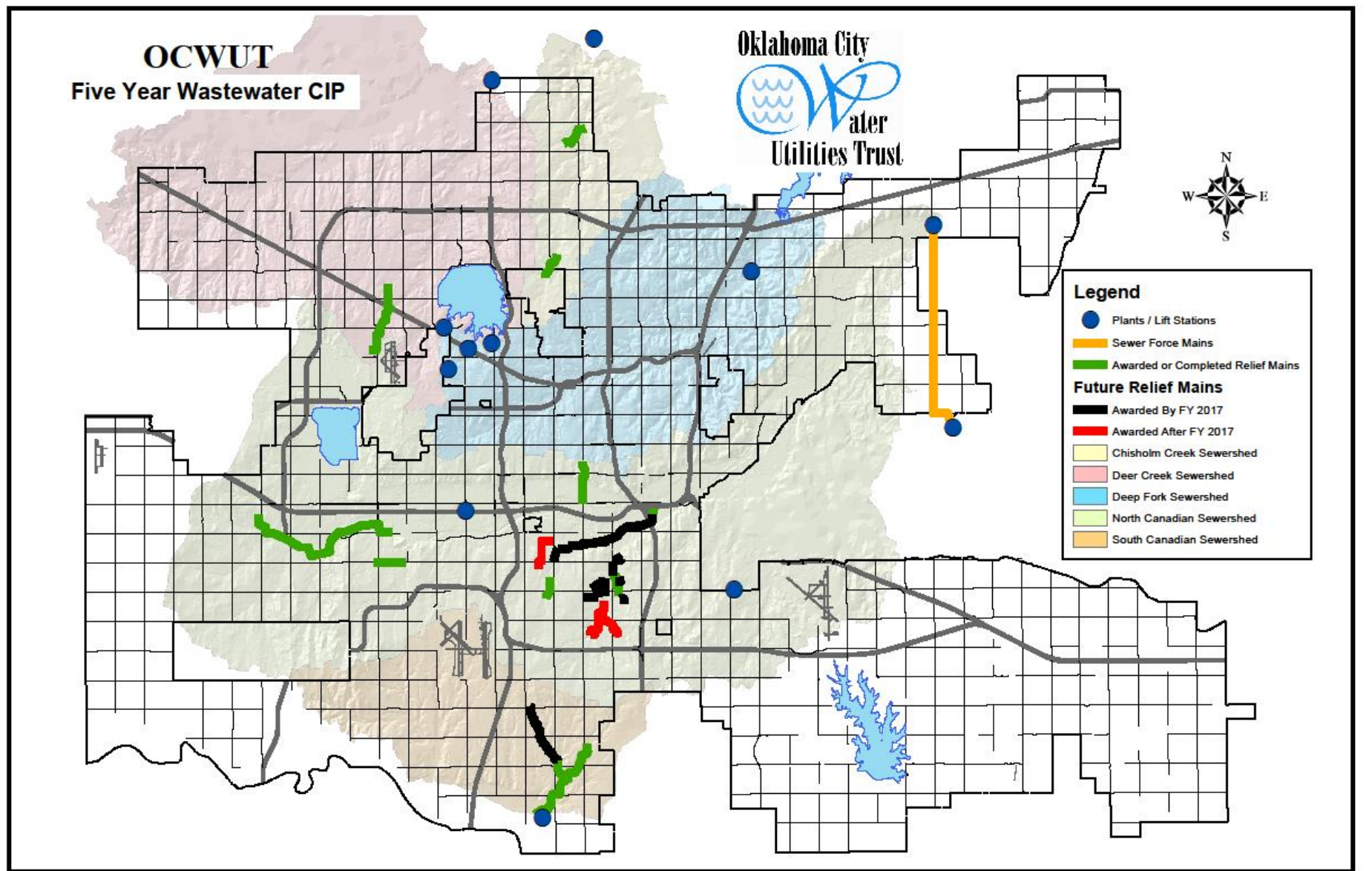


Sewer Capital Plan by Fiscal Year

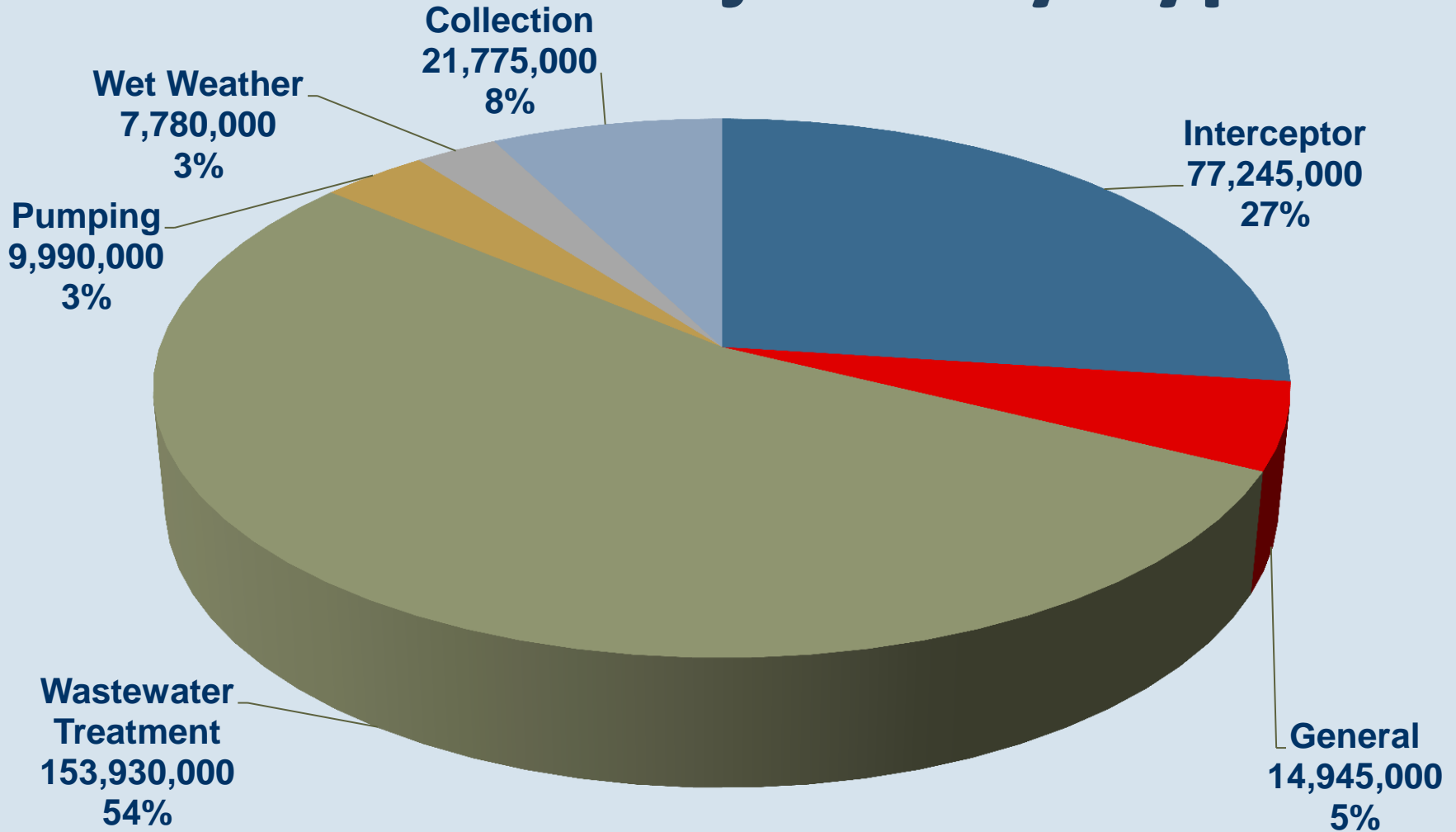
Fiscal Year	Proposed	
2017	\$54.5 million	
2018	\$89.2 million	
2019	\$36.4 million	
2020	\$41.5 million	
2021	\$64.1 million	AVERAGE
TOTAL	\$285.7 million	\$57.1 million



Pipes, Plants, Pumps



Wastewater Projects by Type

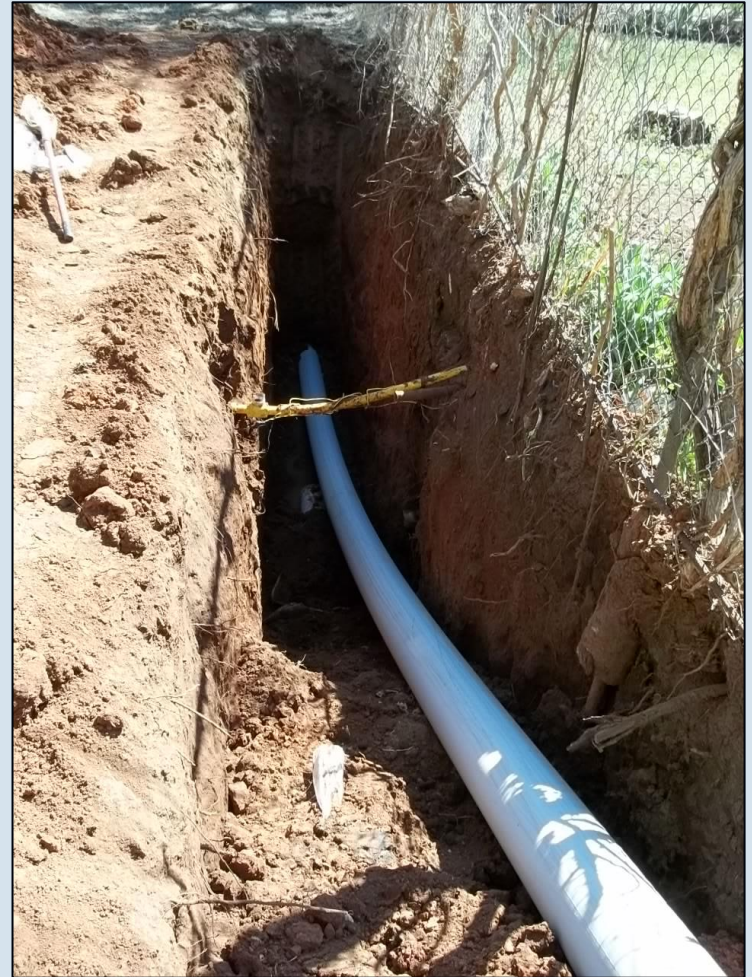


\$285,665,000



Sewer Reconstruction

- Replace or Rehabilitate
- Stockyards separation project
- Additional inflow & infiltration abatement
- \$21.8 million



Increased Sewer Capacity

- North Canadian
- South Canadian
- \$77.2 million



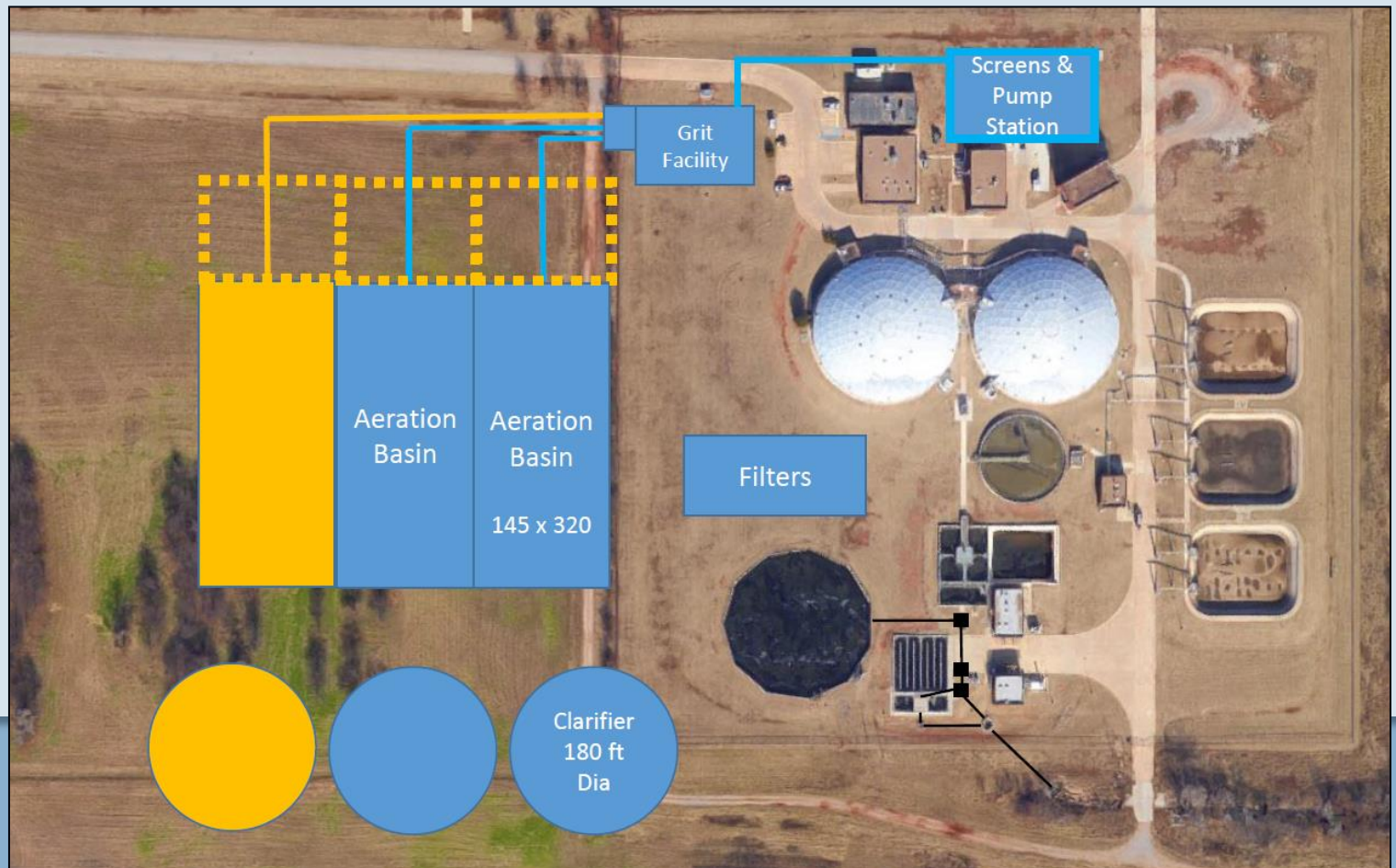
Lift Station Improvements

- General lift station maintenance/upgrades
- \$10.0 million



Wastewater Plant Improvements

- South Canadian upgrades



Wastewater Plant Improvements

- Electrical upgrades
- Chisholm Creek
 - Bar screen improvements
 - Disinfection
- Deer Creek improvements
- Wet weather flow evaluation
- Odor Control

- \$119.5 million



Wastewater Capital Improvement Plan

\$285.7 million



OCWUT Capital Plan

Fiscal Year	Water	Wastewater	Total
2017	\$139.9 million	\$54.5 million	\$194.4 million
2018	\$117.5 million	\$89.2 million	\$206.7 million
2019	\$255.0 million	\$36.4 million	\$291.4 million
2020	\$252.2 million	\$41.5 million	\$293.7 million
2021	\$223.6 million	\$64.1 million	\$287.7 million
TOTAL	\$988.2 million	\$285.7 million	\$1,273.9 million





Oklahoma City Environmental Assistance Trust FY 2017-2021 Proposed Capital Improvement Plan



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OCEAT CIP Overview

- Capital Equipment
\$18.7 million
- Carts* - \$19.1 million



*Per OCEAT Resolution 8/2/2016



OCEAT CIP Overview

Fiscal Year	Proposed	
2017	\$16.5 million	
2018	\$5.1 million	
2019	\$4.7 million	
2020	\$5.0 million	
2021	\$6.5 million	AVERAGE
TOTAL	\$37.8 million	\$7.56 million

