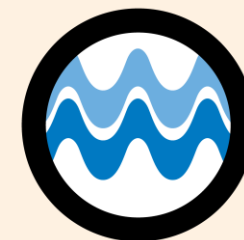


Windsor Utilities Commission Capital Plan 2022

Presented by Christopher Manzon, P.Eng
Director, Water Engineering

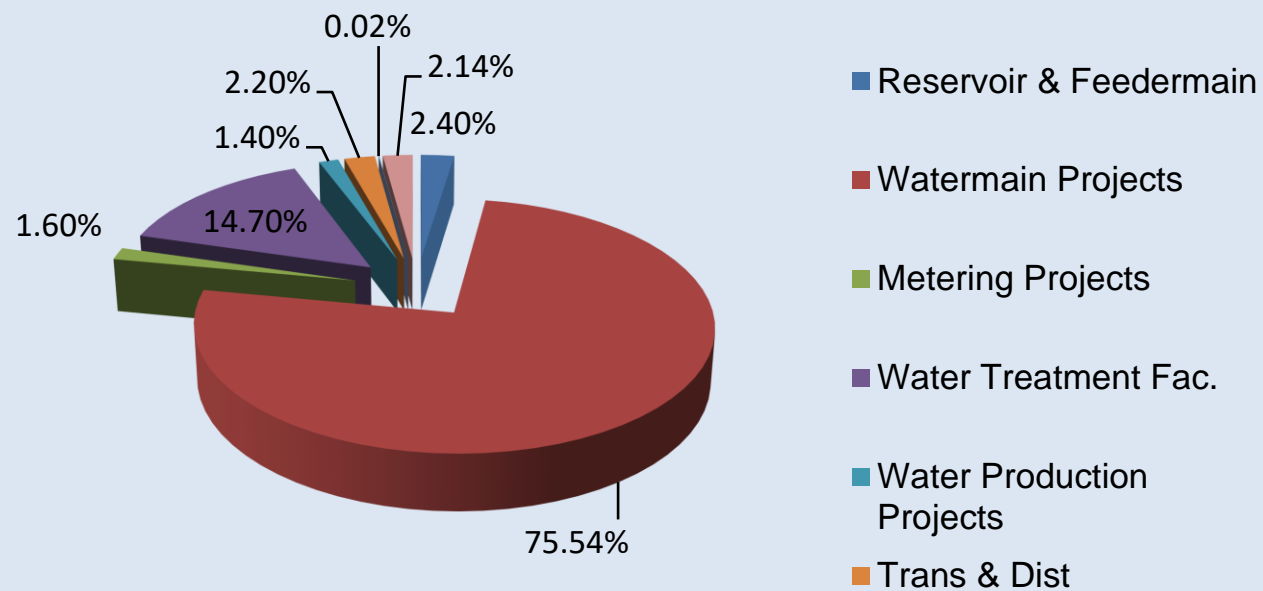


WINDSOR
UTILITIES
COMMISSION

CAPITAL BREAKOUT 2022

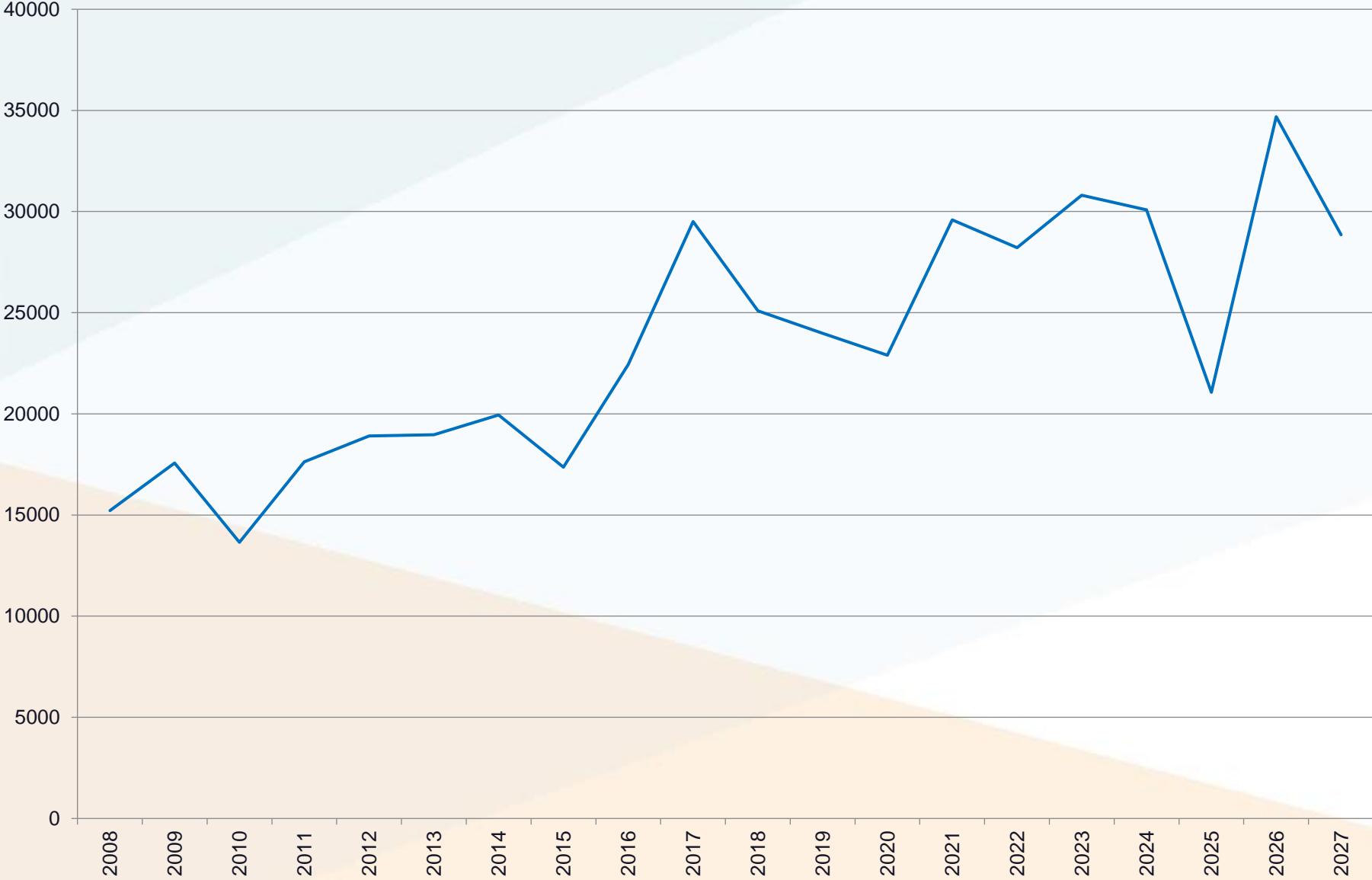
2022 Capital Breakout	
Reservoir & Feedermain	\$700,000
Watermain Projects	\$21,315,000
Metering Projects	\$441,000
Water Treatment Facilities	\$4,530,000
Transmission and Distribution Projects	\$621,000
Engineering Projects	\$5,000
Vehicles	\$605,000
Total WUC Capital	\$28,217,000

WUC Capital Breakdown - 2022 Spending



WUC CAPITAL SPEND

Capital Spending



PROPOSED 2022 WATERMAIN SYSTEM RENEWAL PROGRAM

TOTAL WUC PRIORITY PROJECTS \$13.75 Million



TOTAL ROAD OPERATIONS PROJECTS \$2.17 Million



TOTAL SEWER / ROAD PROJECTS \$3.15 Million



TOTAL MAJOR ROAD PROJECTS \$2.24 Million



GRAND TOTAL ***\$21.31 Million***

2022 WATERMAIN RENEWAL PROGRAM



WINDSOR UTILITIES COMMISSION WT/DISTRIBUTION/METERING

Water Treatment - \$4.530M

Pump assessment, valve actuator replacements chemical feed systems and analyzers, SCADA hardware replacement, jet wash pump and piping, electrical room cooling system, Ozone system, coagulation, flocculation and settling systems, filter bed rehabilitation, potable water feed to the plant and flow meter replacement.

Water Distribution - \$621K

Maintenance of hydrants, valves and services.

Water Metering – \$441K

Continuing to replace/install water meters.

Water Engineering - \$5K

Assetic asset management.



WINDSOR UTILITIES COMMISSION REHAB OF RESERVOIR 'D'



The reservoir rehabilitation tender was awarded and commenced in June 2021. The rehabilitation project continued through 2021 and was completed and returned to service in February 2022 with final restoration scheduled for the spring.