

DWM CIP Program - Project Information

Planning Phase

Planning Horizon: 2030

DRAFT

Project Name	CIP Project Number and Type	Class 5 Cost Estimate	Date Created	Commissioner and Super Districts		Project Manager
Peachtree Industrial Blvd 36-inch Transmission Main Replacement	TMR01 - DS	\$46,077,579	February-24	CD - 1	SD - 6,7	Alia Johnson
Preliminary Design Schedule						
Duration	100% Design Submittal	Bid Document to P&C		Planned/Complete		
549	Expected 03/15/2024	TBD Date		Planned/Design		
Preliminary Construction Schedule						
Duration Days	Substantial Completion			Final Completion		
730 Days	TBD Date			TBD Date		

Description

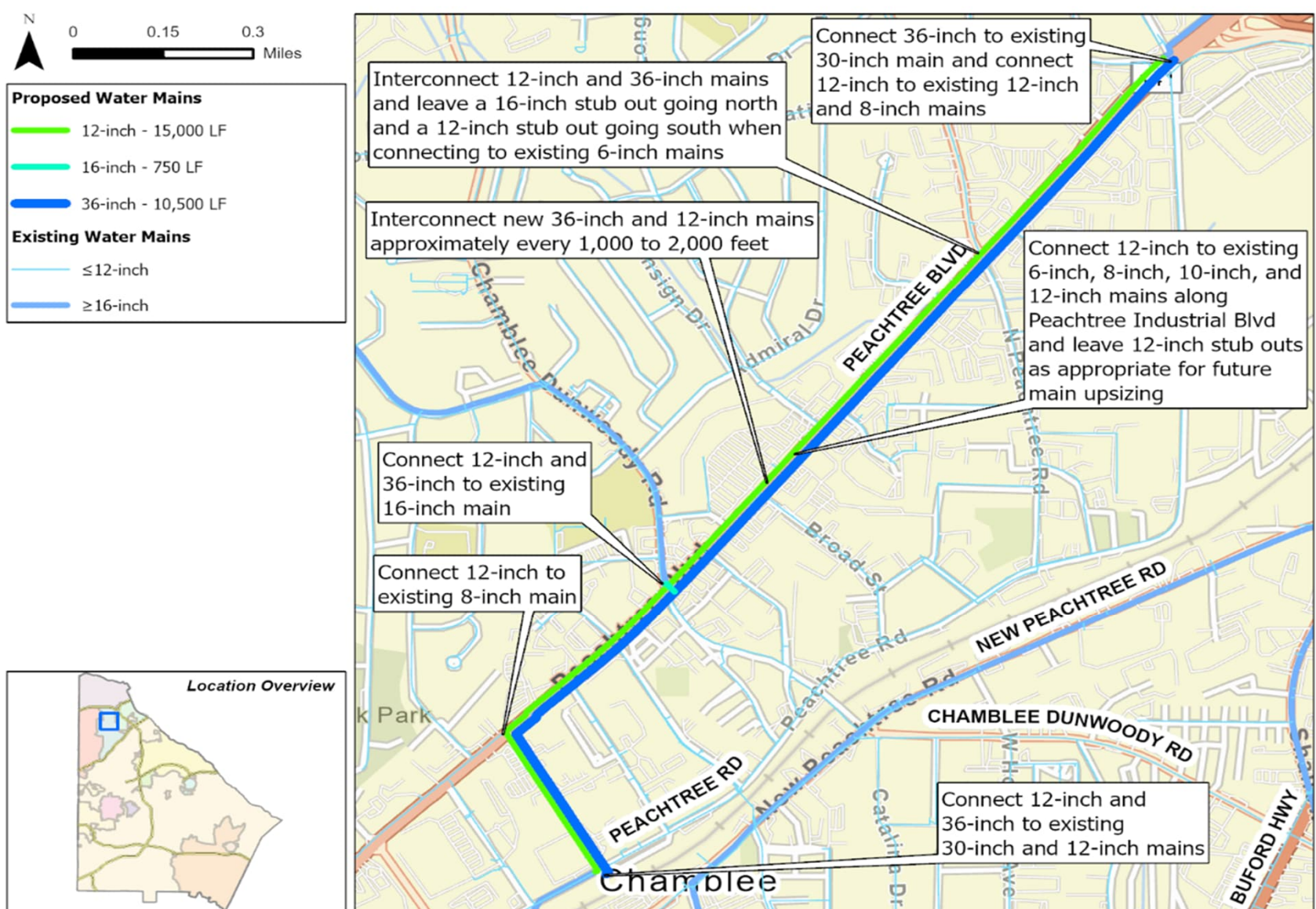
This project is for the replacement of 10,500 LF of an existing 30-inch transmission main along Peachtree Industrial Boulevard with a new 36-inch ductile iron water transmission main. Additionally, a parallel local 12" inch ductile iron distribution main will be installed to facilitate service line transfers, fire hydrants, and existing fire main infrastructure.

Implementation Considerations

Improvement to be completed by 2030. Recommended for years 0-5 CIP planning horizon.

Details

Install 10,500 LF of 36-inch transmission main, 750 LF of 16-inch water main, and 15,000 LF of 12-inch water main.



DWM CIP Program



Peachtree Industrial Blvd 36-inch Transmission Main Replacement

CIP Project Number: TMR01
Project Type: DS
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Overall Score: 3.8/5

Class	Criteria	Score
Compliance	Water Quality/Surface Water Quality	Medium
	Tightness of System	High
	Public Health and Safety	High
	Regulatory Compliance	Medium
	Resilience	High
Financial	Cost Recovery	Medium
	Reduction of Operational Cost	Medium
	Concurrence with other CIP Projects	Medium
	Life Extension of Asset	High
Social and Environmental Stewardship	Employment (more jobs)	Medium
	Economic Growth/Development (Social Justice)	Low
	Quality of Life/Customer Satisfaction	High
	Impacts to Natural Resources	High
	Energy Efficiency Lower Carbon Footprint	Medium

Justification

This segment of the Peachtree Industrial Boulevard water main has experienced over 40 water main breaks since 1987, including 6 documented failures since 2022. These breaks can have significant infrastructure and public impacts since the existing main is located within GDOT ROW under pavement. Additionally, the proposed project improves fire flow service, transmission main network resiliency, and increases flow capacity in the northern portion of the DWM water system.