



WHCRWA

Presented by Melinda Silva, PE



Program Manager for the
West Harris County Regional Water Authority

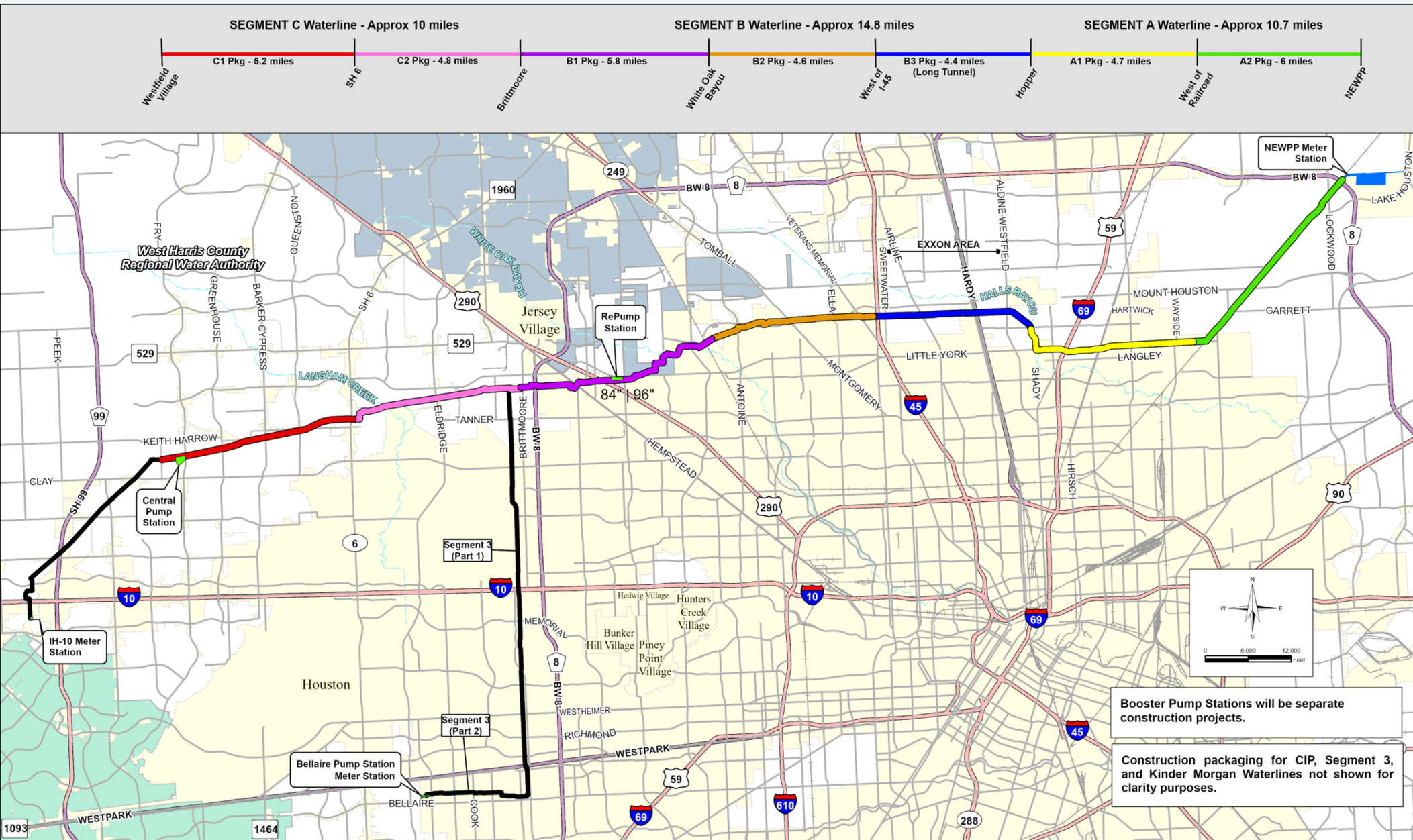


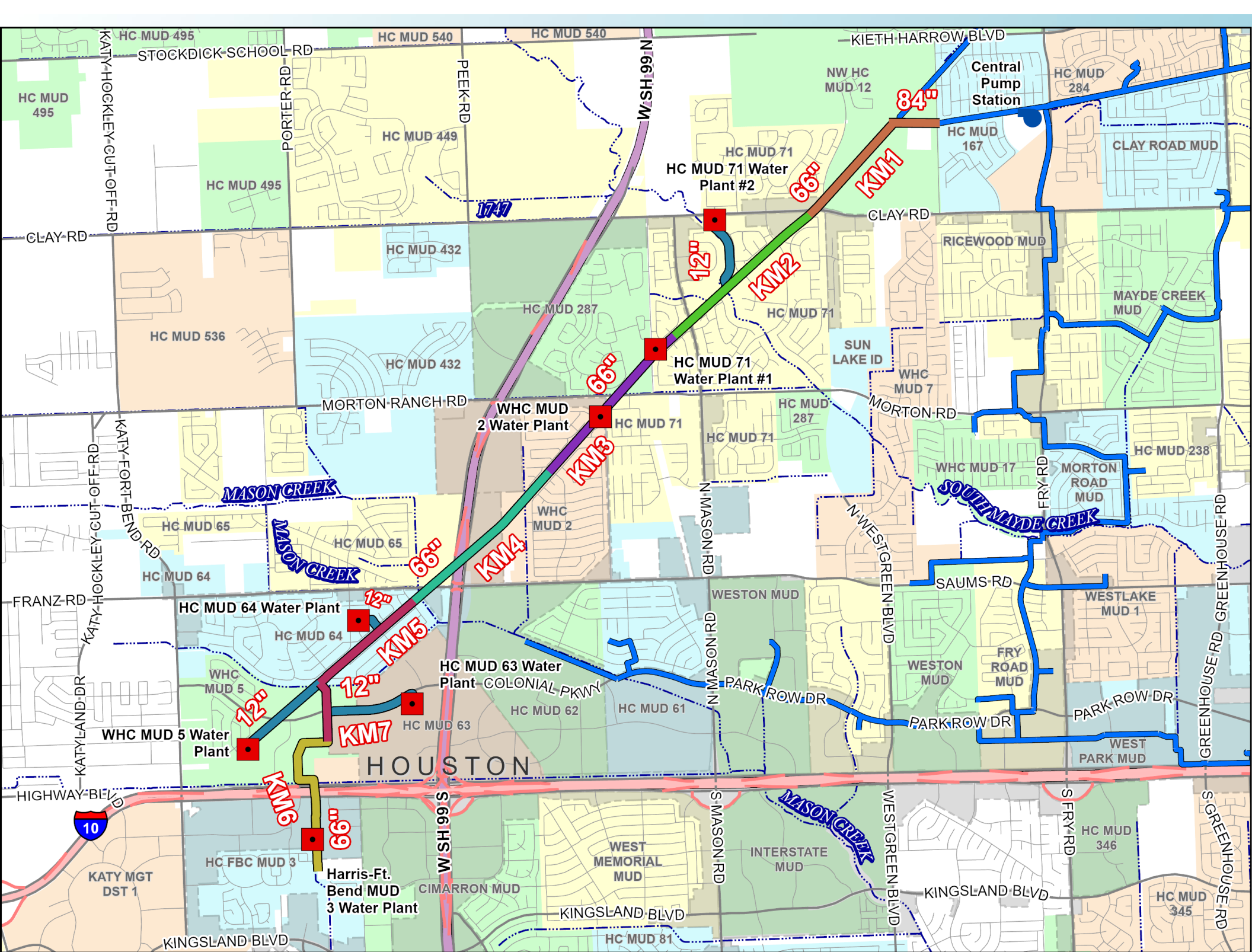


Wesley Harris County
Regional Water Authority

North Fort Bend
Water
Authority

SURFACE WATER SUPPLY PROJECT





Surface Water Supply Projects (SWSP)

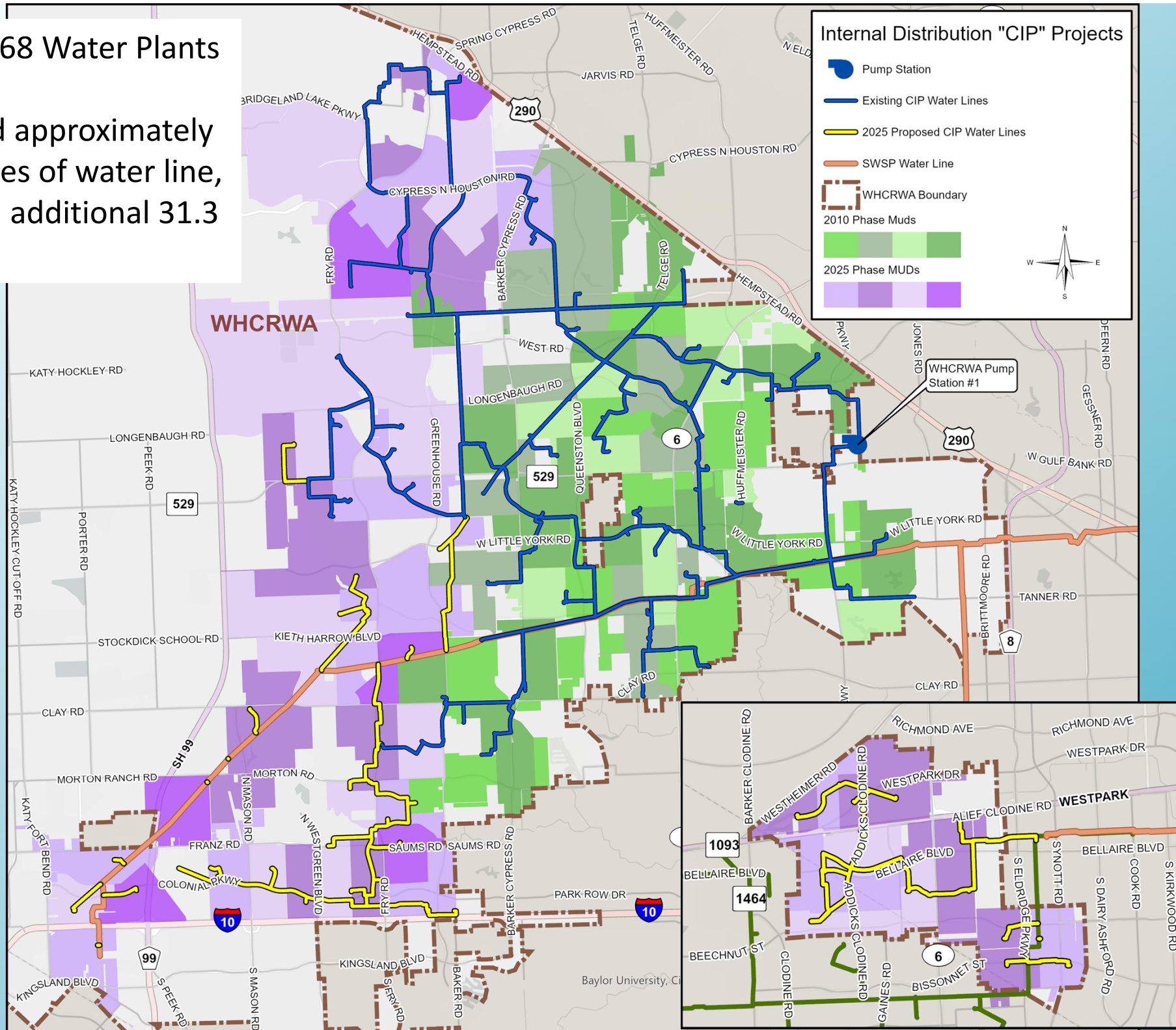
- Design has all been awarded for all of these projects.
- 9 projects are in active design
- 8 projects are in construction
- Remaining projects should advertise in 2024 or by mid year of 2025

	2024				2025				2026			
	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
NEWPP Exp.	Phase I		NEWPP Expansion Phase II									
NE Meter Station	Final Design	Agency Approvals	Bidding	Contract Execution	Construction - 16 Months ⁽¹⁾ NTP to Substantial Completion 14 Months				Closeout			
Seg A1/2 (AECOM)	Construction - 35 Months NTP to Substantial Completion 33 Months ⁽²⁾								Closeout			
Seg B1/2	Construction											
Segment B3	Construction											
Seg C1	Construction											
Seg C2	Construction											
Re-Pump Station (FNI)	Contract Execution	Construction - 31 Months ⁽³⁾ NTP to Substantial Completion 29 Months										Closeout
Central P5 (AECOM)	Construction - 34 Months ⁽⁴⁾ NTP to Substantial Completion 32 Months								Closeout			
KM1 (Halff)	Update Design	Resubmit for Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial Completion 12 Months (Construction Duration to be Confirmed)			Closeout			
KM2 (IDS)	Update Design	Resubmit for Agency Approvals		Bidding	Contract Execution	Construction - 16 Months NTP to Substantial Completion 14 Months (Construction Duration to be Confirmed)			Closeout			
KM3 (Garver)	Update Design		Resubmit for Agency Approvals		Bidding	Contract Execution	Construction - 13 Months NTP to Substantial Completion 11 Months (Construction Duration to be Confirmed)		Closeout			
KM4 (LAN)	Resubmit for Agency Approvals			Bidding	Contract Execution	Construction - 15 Months NTP to Substantial Completion 13 Months (Construction Duration to be Confirmed)			Closeout			
KM5 (Quiddity)	Update Design	Resubmit for Agency Approvals		Bidding	Contract Execution	Construction - 15 Months NTP to Substantial Completion 13 Months (Construction Duration to be Confirmed)			Closeout			
KM6 (B&V)	Agency Approval		Bidding	Contract Execution	Construction - 18.5 Months NTP to Substantial Completion 16.5 Months					Closeout		
I-10 Meter Station	Final Design	Agency Approvals		Bidding	Contract Execution	Construction - 15 Months NTP to Substantial Completion 13 Months (Construction Duration to be Confirmed)			Closeout			
Seg 3-A1	Construction ⁽⁵⁾											
Seg 3-A2	Construction ⁽⁶⁾											
Seg 3-A3	Construction ⁽⁷⁾											
Seg 3-A4	Construction Complete											
Seg 3-A5 (Huitt-Zollars)	Design Update (Coordinating with CPE Regarding New CPE Facilities)				Agency Approvals	Bidding	Contract Execution	Construction - 13 Months NTP to Substantial 11 Months (Construction Duration to be Confirmed)		Closeout		
Seg 3-B1 (BGE)	Design Update		Agency		USACE Permit	Bidding	Contract Execution	Construction - 18 Months NTP to Substantial 16 Months (Construction Duration to be Confirmed)				Closeout
Bellaire Meter Stat.	Design on-hold		Final Design		Agency Approvals	Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)		Closeout		
NFBWA PS Improvements	NFBWA Design Coordination											
	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
	2024				2025				2026			

⁽¹⁾ Final Front-end Contract Documents needed a minimum of 30 days prior to project advertisement/bidding.

⁽²⁾ Disinfection and final commissioning of pump stations, NE Meter Station, & Segment A may take place between substantial and final completion of the project.

- Serving 68 Water Plants
- Installed approximately 81.9 miles of water line, planned additional 31.3 miles



	2024				2025				2026				2027			
	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4	QTR 1	QTR 2	QTR 3	QTR 4
NEWPP Expansion	Phase I				NEWPP Expansion Phase II											
Contract 63 (Carollo) 6,300 LF of 36" WL (Required for CPS Start-up)	Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)				Closeout							
	ROW Acquisition															
Contract 64 (LAN): 8,500 LF of 60" WL & 1,100 LF of 12" WL	Agency Approvals		Bidding	Contract Execution	Construction - 15 Months NTP to Substantial 13 Months (Construction Duration to be Confirmed)				Closeout							
	ROW Acquisition															
Contract 65 (KHA): 3,000 LF of 60" & 1,500 LF of 12" WL	Design	Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)				Closeout						
	ROW Acquisition															
KM-7 (EHRA) 9,500 LF of 12 & 16" WL	Design	Agency Approvals		Bidding	Contract Execution	Construction - 15 Months NTP to Substantial 13 Months (Construction Duration to be Confirmed)				Closeout						
	ROW Acquisition															
Fry Road Extension South to I-10																
Contract 51 (Sander) 5,400 LF of 36" & 1,100 LF of 12" WL	Design		Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)				Closeout					
	ROW Acquisition															
Contract 52 (Arcadis) 2,800 LF of 36" WL & 5,600 LF of 12" WL	Design		Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)				Closeout					
	ROW Acquisition															
Contract 53 (IDS) 5,200 LF of 30" WL & 8,700 LF of 12" WL	Design		Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)				Closeout					
	ROW Acquisition															
Contract 54 (InduSri) 9,700 LF of 24" WL & 4,000 LF of 12" WL	Prioritize W/Ls for CPS Start-up				Proposal Review	Design		Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)		Closeout		
						ROW Acquisition										
Contract 55 (Quiddity) (WL Sizes and Quantities TBD)	HC MUDs 61 & 62 WP Locations		Agreement Signed for W/Ls	Proposal	Design		Agency Approvals		Bidding	Contract Execution	Construction - 14 Months NTP to Substantial 12 Months (Construction Duration to be Confirmed)		Closeout			
						ROW Acquisition										
MUDs off NFBWA 48" WL from Bellaire Pump Station																
Contract 25 (Sander) 3,200 LF of 16"/12" WL to Beechnut & Bissonnet WP1	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months				Closeout					
	ROW Acquisition															
Contract 26 (Huitt-Zollars) 3,700 LF of 12" WL to Bissonnet WP2	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months				Closeout					
Contract 27 (Vogler & Spencer) 2,100 LF of 12" WL to Renn Road MUD	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months				Closeout					
Mission Bend MUDs																
Contract 28 (Sengiering) 9,400 LF 24" WL & 2,750 LF of 12" WL	Proposal	Design			Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months				Closeout			
	ROW Acquisition															
Contract 29 (Kuo) 11,200 LF of 24" WL & 300 LF of 12" WL	Prioritize W/Ls for CPS Start-up				Proposal	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months		Closeout		
						ROW Acquisition										
Contract 30 (Vogler & Spencer) 8,200 LF of 16" WL & 6,800 LF of 12" WL	Prioritize W/Ls for CPS Start-up				Proposal	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months		Closeout		
						ROW Acquisition										
Contract 31 (Isani) 1,000 LF of 16" WL & 11,200 LF of 12" WL	HC PER and Preliminary ROW				Proposal	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months		Closeout		
						ROW Acquisition										
KM North - CIP 62																
Contract 62A (STV) 6,600 LF of 16" WL & 5,600 LF of 12" WL	Prioritize W/Ls for CPS Start-up				Proposal	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months		Closeout		
						ROW Acquisition										
Contract 62B (HR Green) 1,800 LF of 24" & 2,800 LF of 20" & 900 LF of 12" WL	Prioritize W/Ls for CPS Start-up				Proposal	Design		Agency Approvals		Bidding	Contract Execution	Construction - 12 Months NTP to Substantial 10 Months		Closeout		
						ROW Acquisition										
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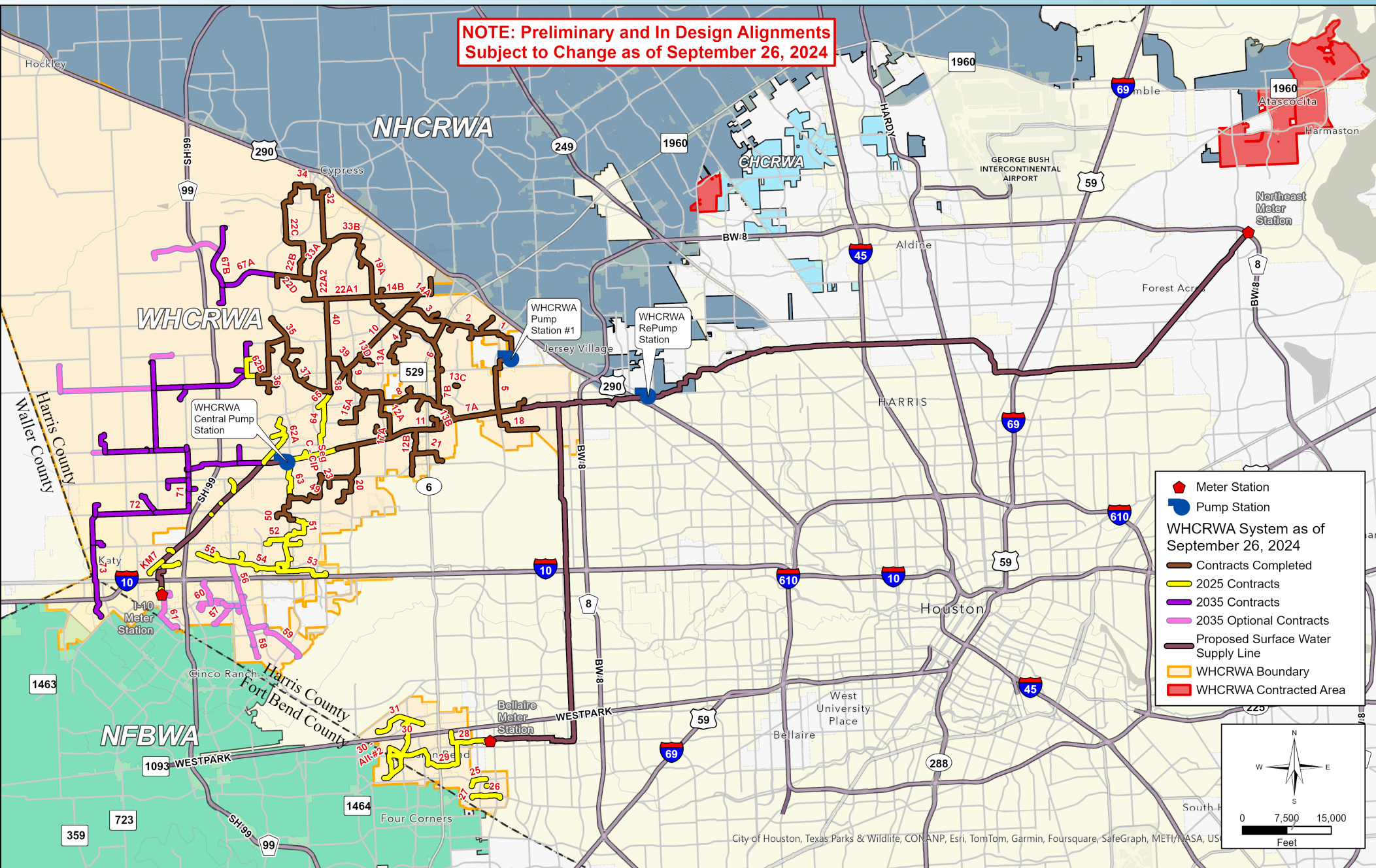
⁽¹⁾ Actual Date of Project Bidding will vary from dates shown in schedule. No more than 2 projects will be advertise concurrently. Project advertisements will be staggered.

Capital Projects (CIP)

- There are 18 CIP Projects in preliminary or final design remaining for the planned 2025 Conversion
- All of the projects have been awarded to Engineering firms

2035 Preliminary System

**NOTE: Preliminary and In Design Alignments
Subject to Change as of September 26, 2024**



2035 Conversion

- WHCRWA has a preliminary plan for their 2025 conversion
- Working backward from the Conversion deadline, design selections should be in 2030.
- Route selection, survey, title, and easement acquisition will precede the detailed engineering, but will likely run concurrent to design.
- WHCRWA is likely to begin the 2025 conversion earlier but that information is TBD.



Thank you

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