

October 2024 Monthly Construction Status Report

Updated: 11.11.24



A1-A2 - Little York Tunnel

WHCRWA Ongoing Surface Water Supply Projects

Segment B1-B2

3 MILES OF 84-INCH DIAMETER AND 8 MILES OF 96-INCH WATERLINES FROM WEST OF BRITTMOORE ROAD TO WEST OF I-45

Segment B3

4.4 MILES OF 96-INCH DIAMETER WATER LINES FROM WEST OF I-45 TO THE SOUTH SIDE OF HOPPER RD. VIA TUNNEL

Segment 3 - A1 to Segment 3 – A3 (3 Projects)

7 MILES OF 42-INCH WATER LINE ALONG CENTERPOINT ENERGY CORRIDOR FROM NORTH OF LAKESIDE FOREST LN TO SEGMENT C

Segment C1

5 MILES OF 84-INCH, 66-INCH, AND 36-INCH WATER LINE FROM WESTFIELD VILLAGE DRIVE TO HIGHWAY 6

Central Pump Station

CONSTRUCTION OF A CENTRAL PUMP STATION THAT WILL RECEIVE WATER FROM THE RE-PUMP STATION AND THEN TRANSFER WATER TO MUDS

Segment A1-A2

11 MILES OF 96-INCH WATER LINE FROM HOPPER RD. TO THE WHCRWA METER STATION NEAR THE NEWPP

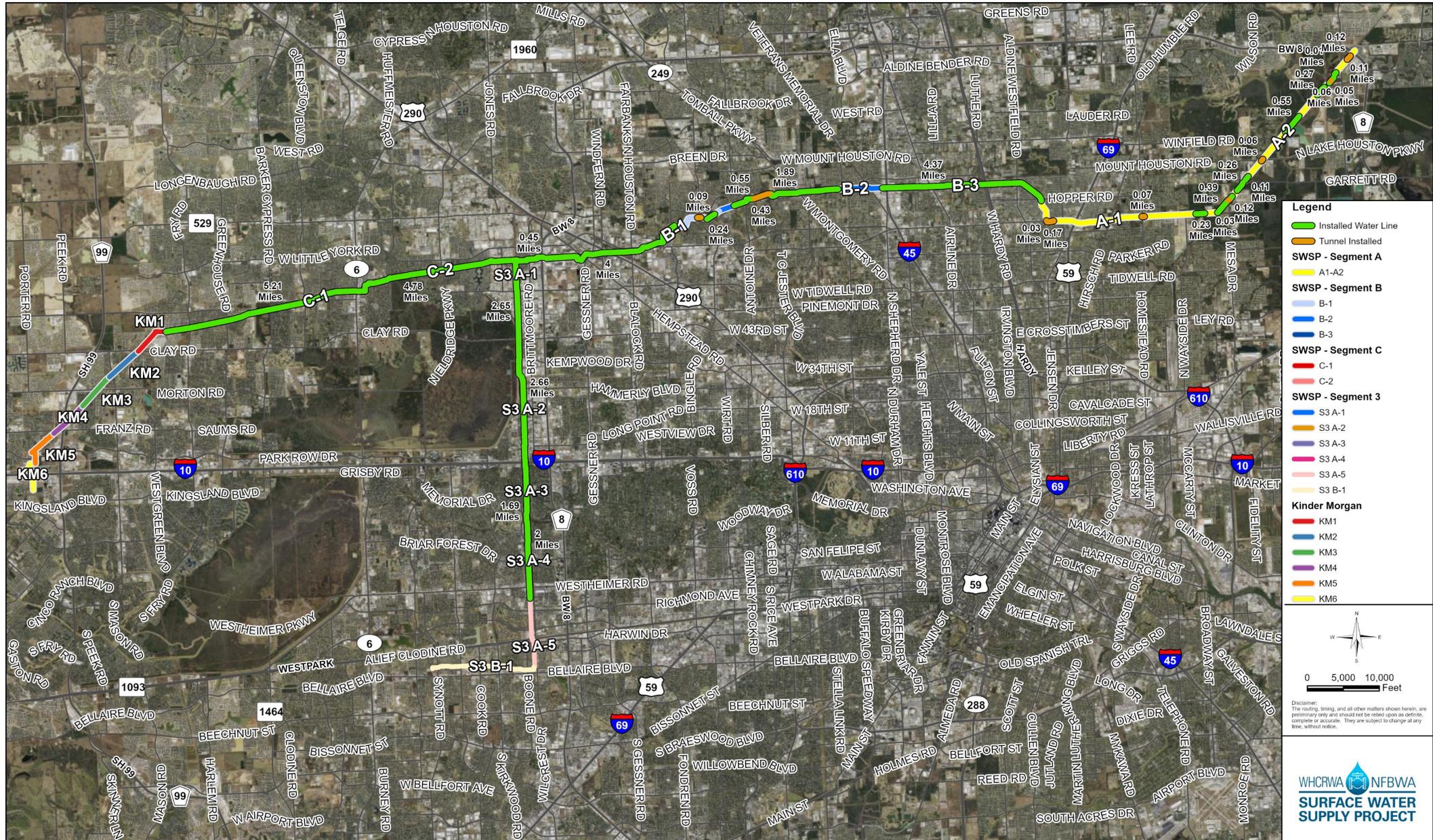
Repump Station

CONSTRUCTION OF A 160 MGD REPUMP STATION FACILITY INCLUDING TWO 10 MILLION GALLON TANKS

Kinder Morgan – KM4 and KM6

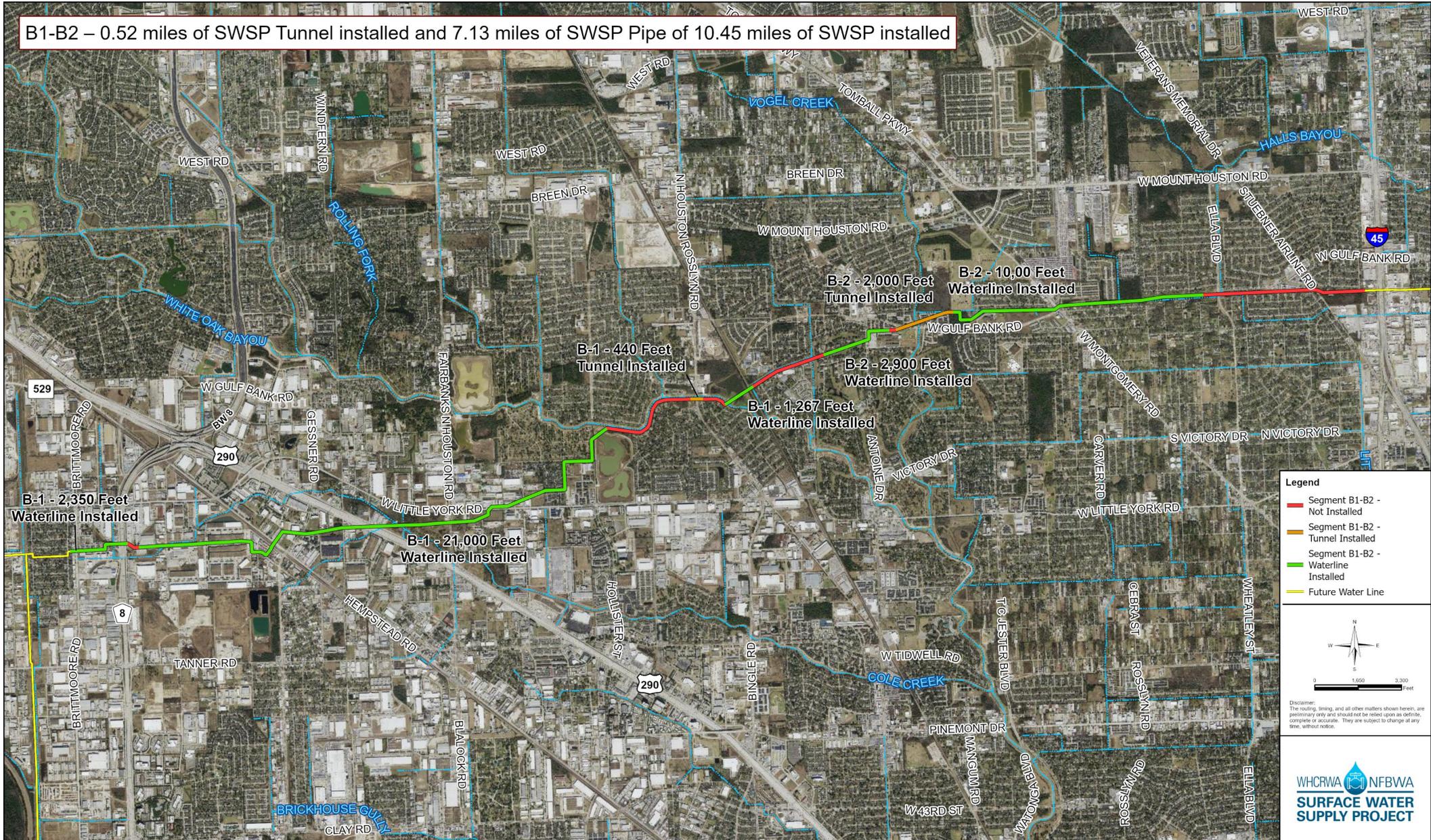
2 MILES OF 66-INCH WATER LINE IN KINDER MORGAN CORRIDOR

Current SWSP Construction Projects Overview



Construction Progress – Segment B1-B2

B1-B2 – 0.52 miles of SWSP Tunnel installed and 7.13 miles of SWSP Pipe of 10.45 miles of SWSP installed



Legend

- Segment B1-B2 - Not Installed
- Segment B1-B2 - Tunnel Installed
- Segment B1-B2 - Waterline Installed
- Future Water Line

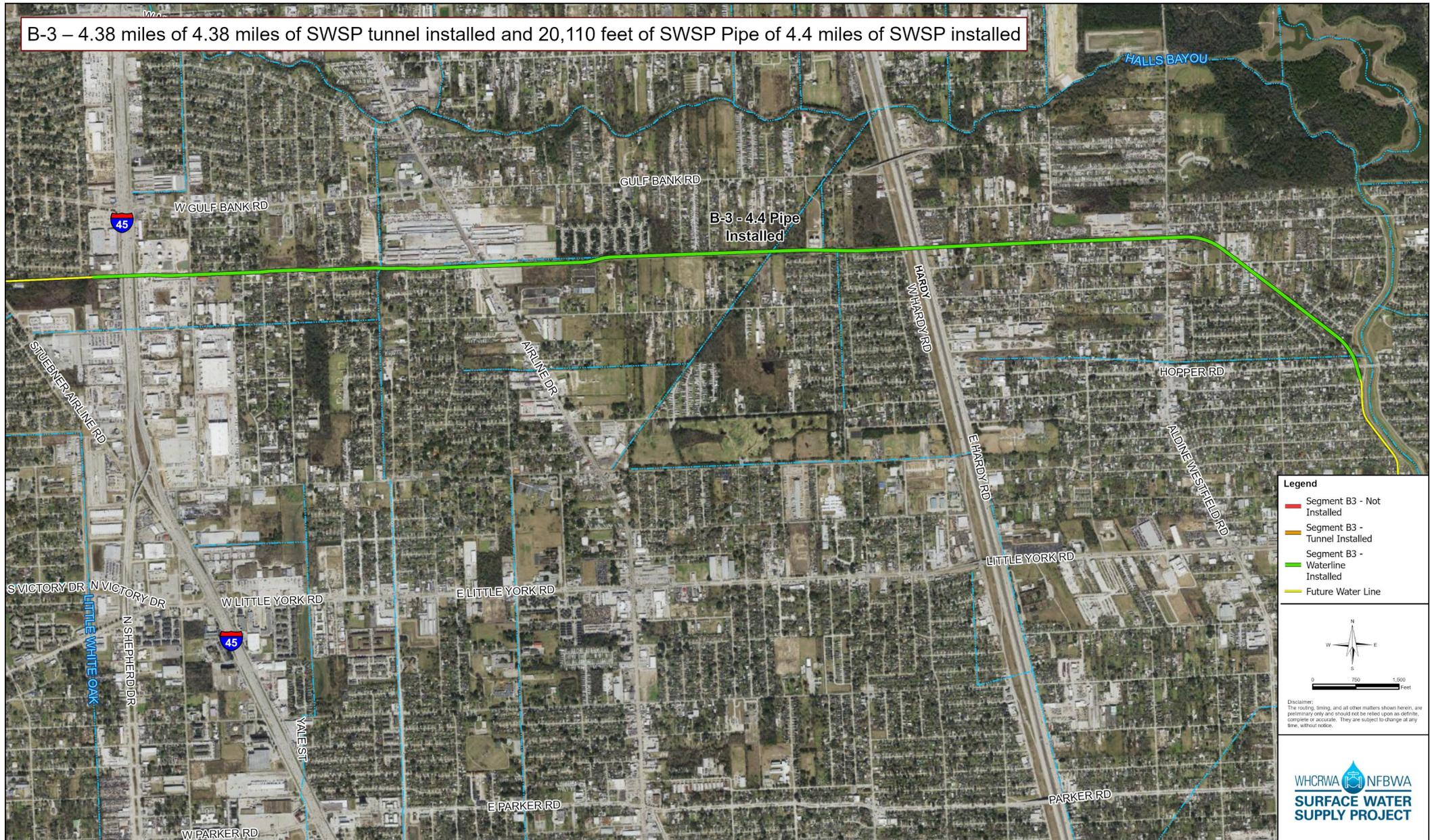
0 1,650 3,300 Feet

Disclaimer: The routing, timing, and all other matters shown herein, are preliminary only and should not be relied upon as definite, complete or accurate. They are subject to change at any time, without notice.



Construction Progress – Segment B3

B-3 – 4.38 miles of 4.38 miles of SWSP tunnel installed and 20,110 feet of SWSP Pipe of 4.4 miles of SWSP installed



SWSP Contract Segment B-3 - Construction Progress

WCRWA NFBWA
SURFACE WATER
SUPPLY PROJECT

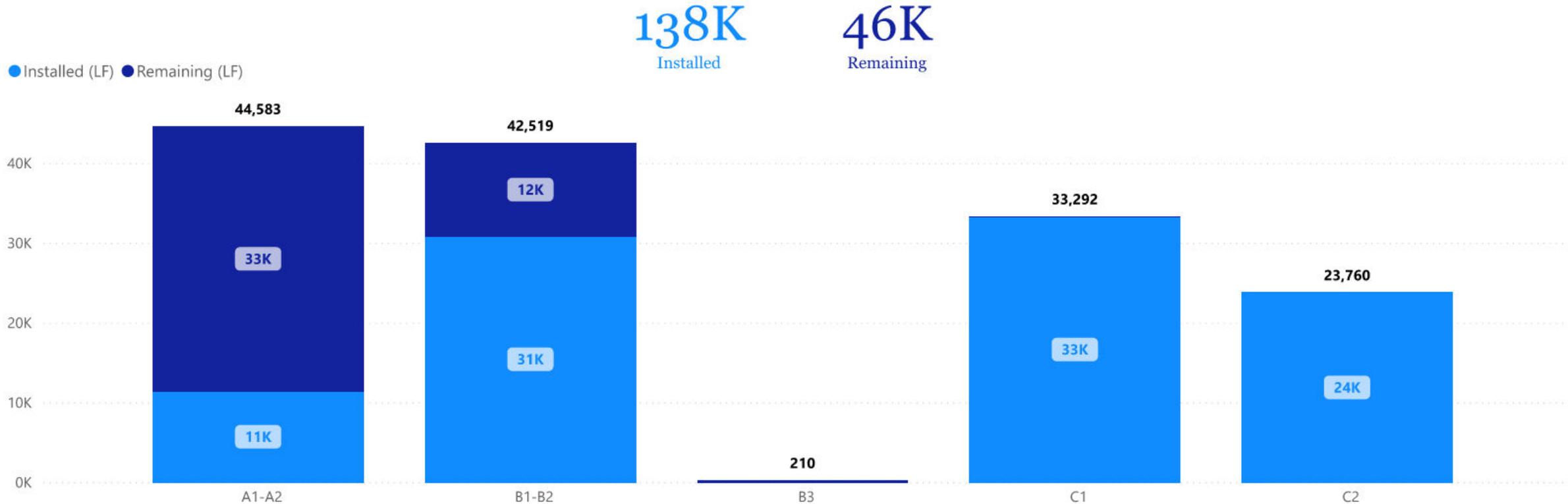
GANNETT
FLEMING

WHCRWA  NFBWA

SURFACE WATER SUPPLY PROJECT

Open Cut (LF) by Project

Project ID	Bid Quantity (LF)
S3-A4	9,882
S3-A3	5,670
S3-A2	11,402
S3-A1	12,750
C2	23,760
C1	33,292
B3	210
B1-B2	42,519
A1-A2	44,582
Total	184,067

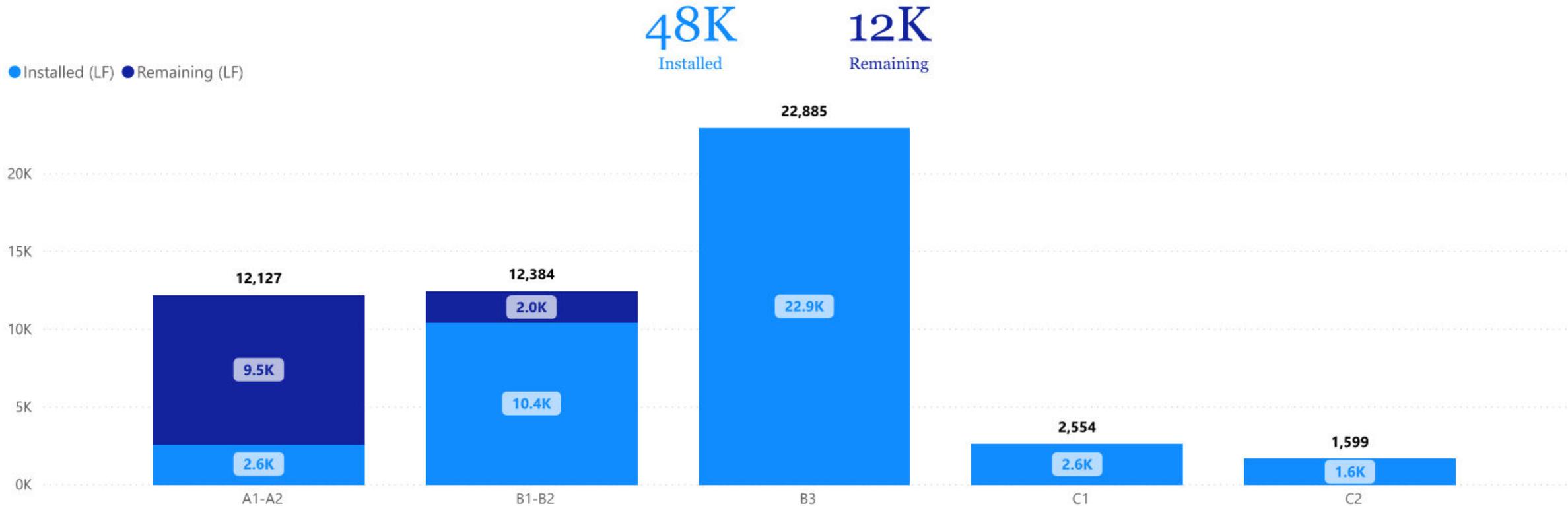


WHCRWA  NFBWA

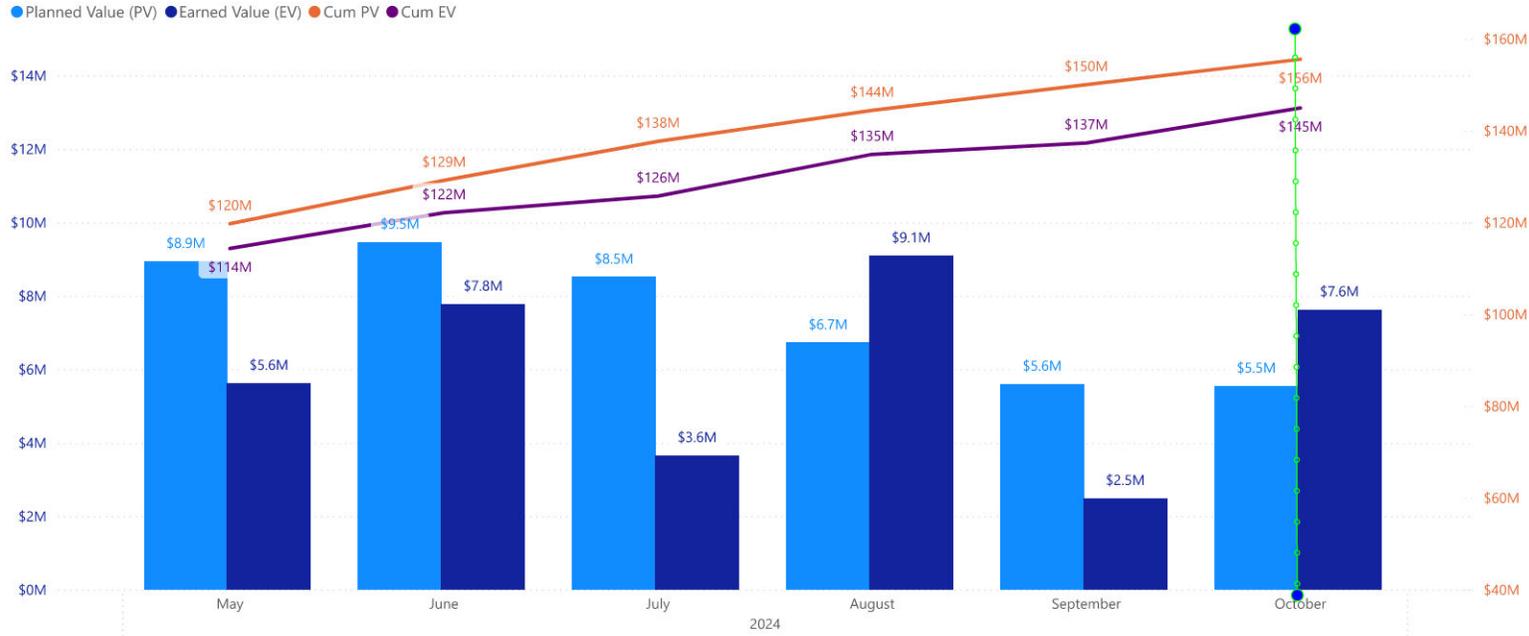
SURFACE WATER SUPPLY PROJECT

Tunneling (LF) by Project

Project ID	Bid Quantity (LF)
A1-A2	12,127
B1-B2	12,384
B3	22,885
C1	2,554
C2	1,599
S3-A1	1,270
S3-A2	2,626
S3-A3	3,076
S3-A4	1,198
Total	59,719



Segments B1|B2



SWSP Segment B1-B2



Backfilling Trench with Pea Gravel within Fault Zone



Preparing CAV Vent Piping for Installation

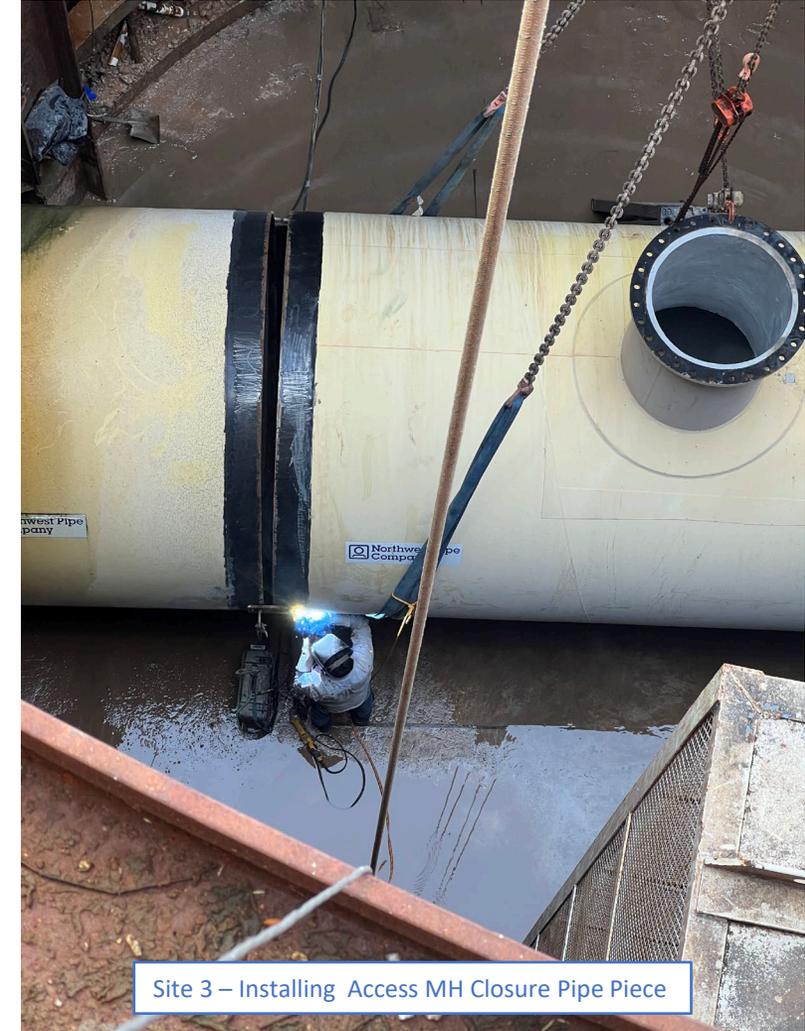
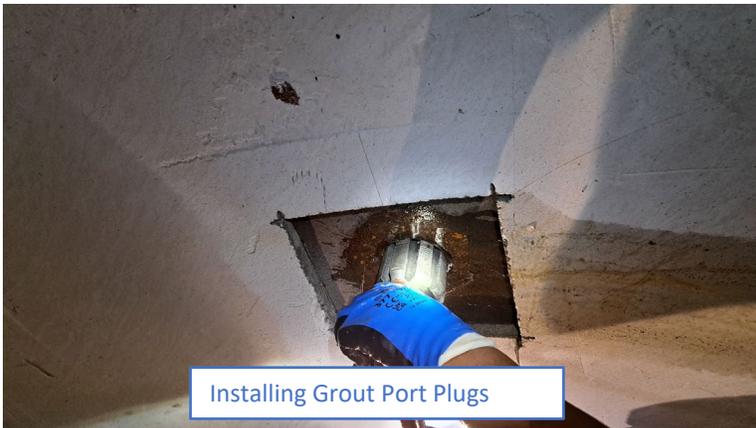


Lowering Pipe Into Trench

Project Name
Segment B3

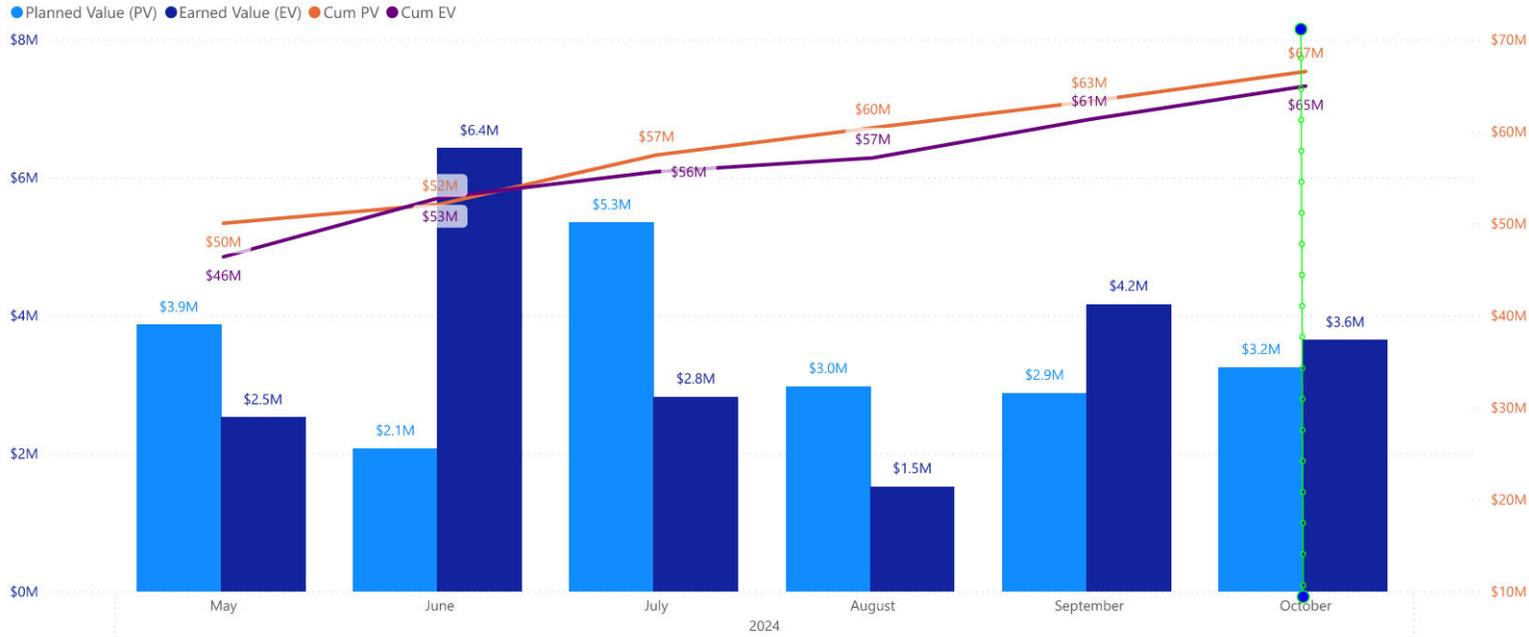
5/25/2024 10/25/2024

Segment B3



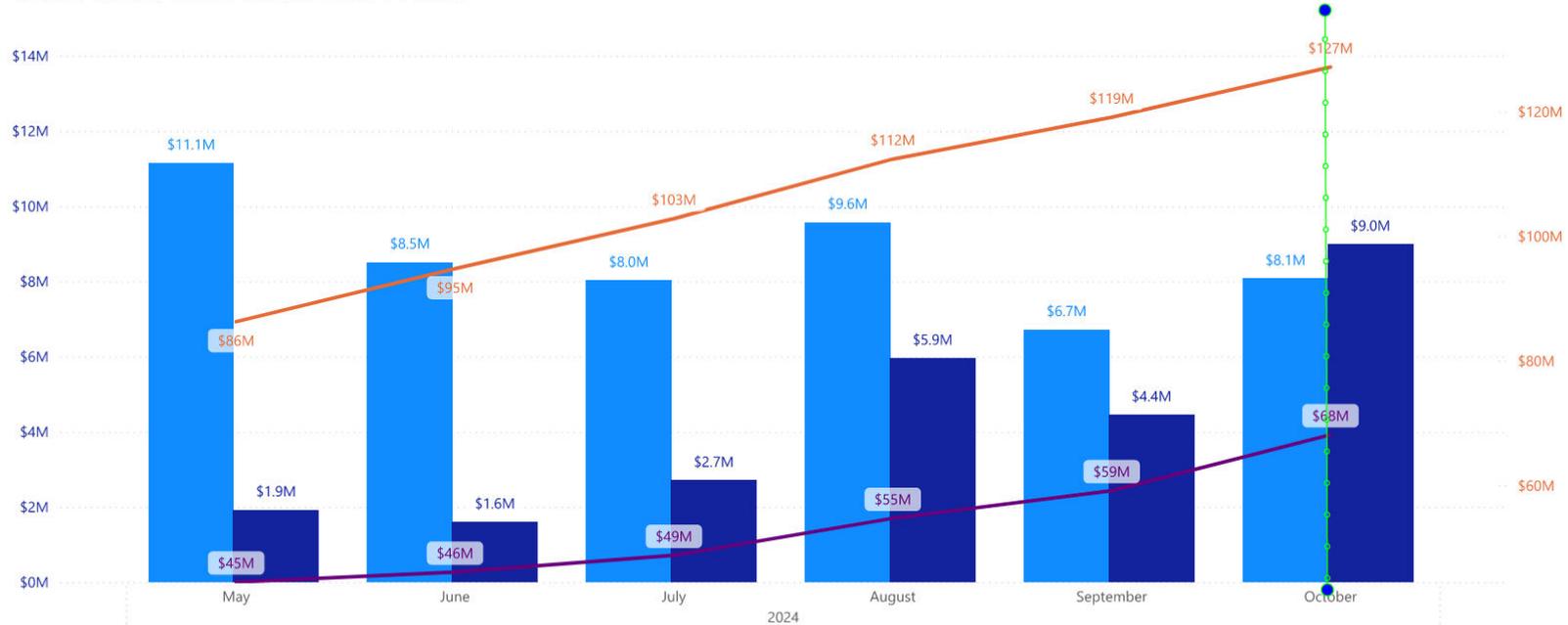
SWSP Central Pump Station

Central Pump Station

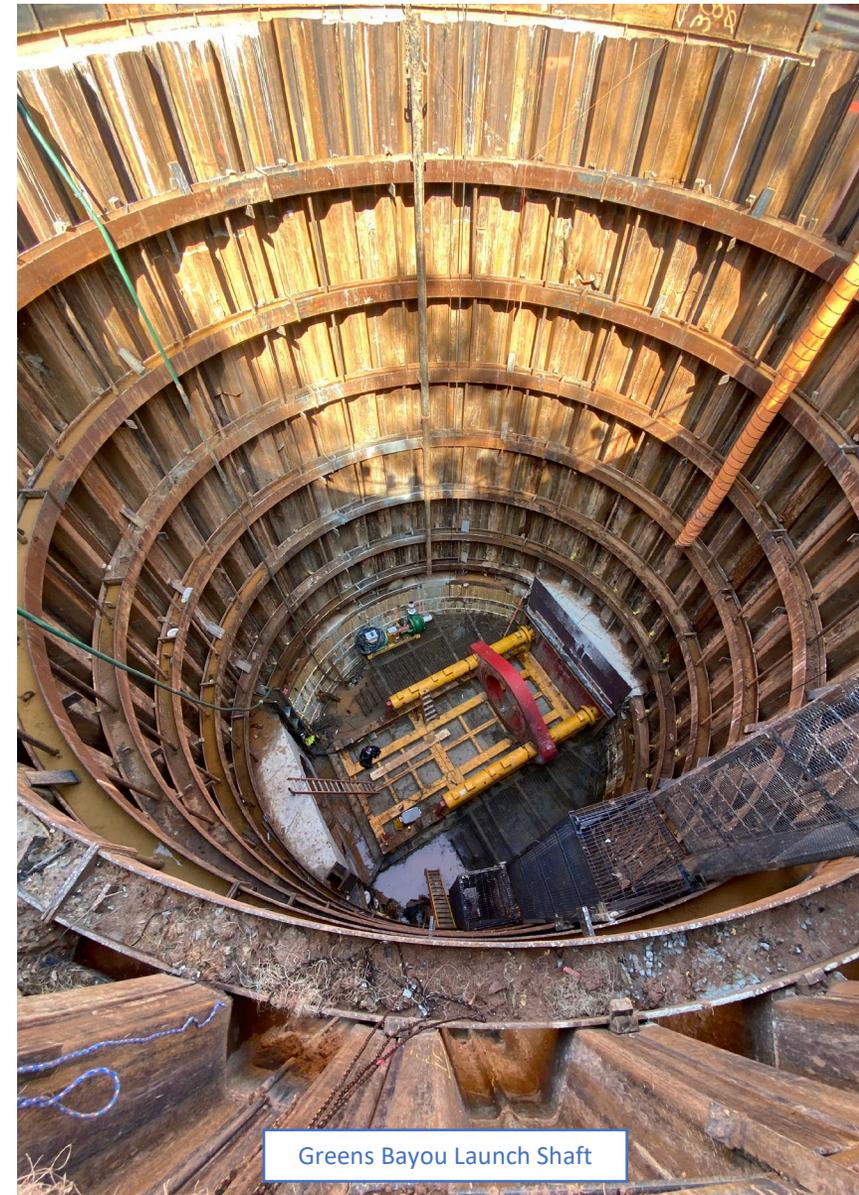


Segments A1|A2

● Planned Value (PV) ● Earned Value (EV) ● Cum PV ● Cum EV



SWSP Segment A1-A2



Greens Bayou Launch Shaft



Installation of 96-IN WL



Threading of 96-IN WL Inside Existing 120-IN Casing

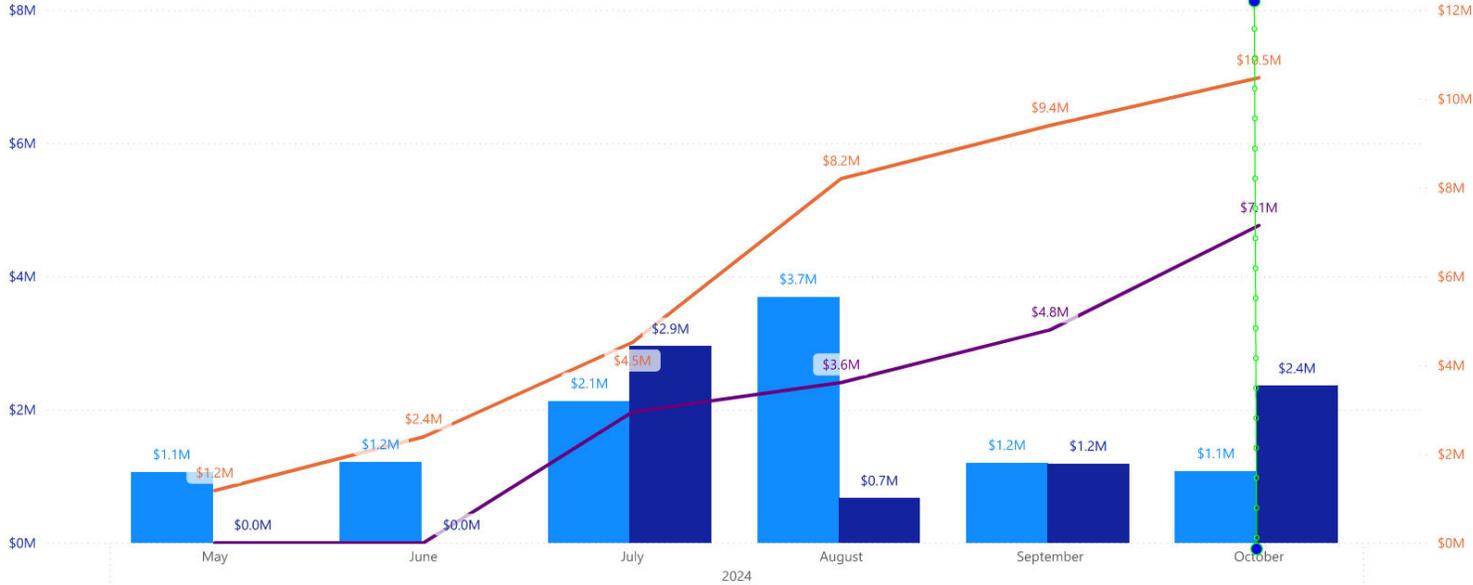
Project Name

Re-Pump Station

5/25/2024 10/25/2024

Re-Pump Station

Planned Value (PV) Earned Value (EV) Cum PV Cum EV



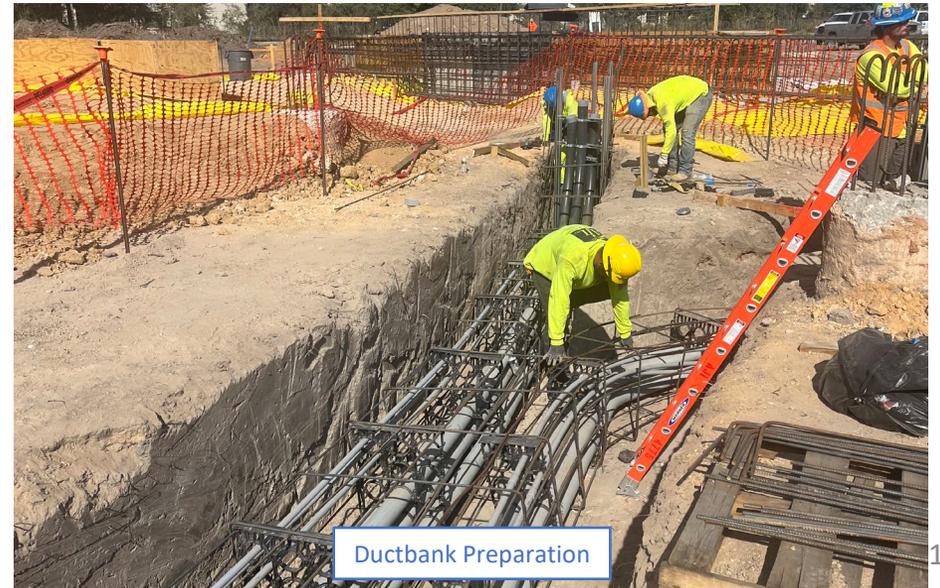
SWSP Repump Station



Pump Station Grade Beams



GST Earthwork and Geogrid Install



Ductbank Preparation