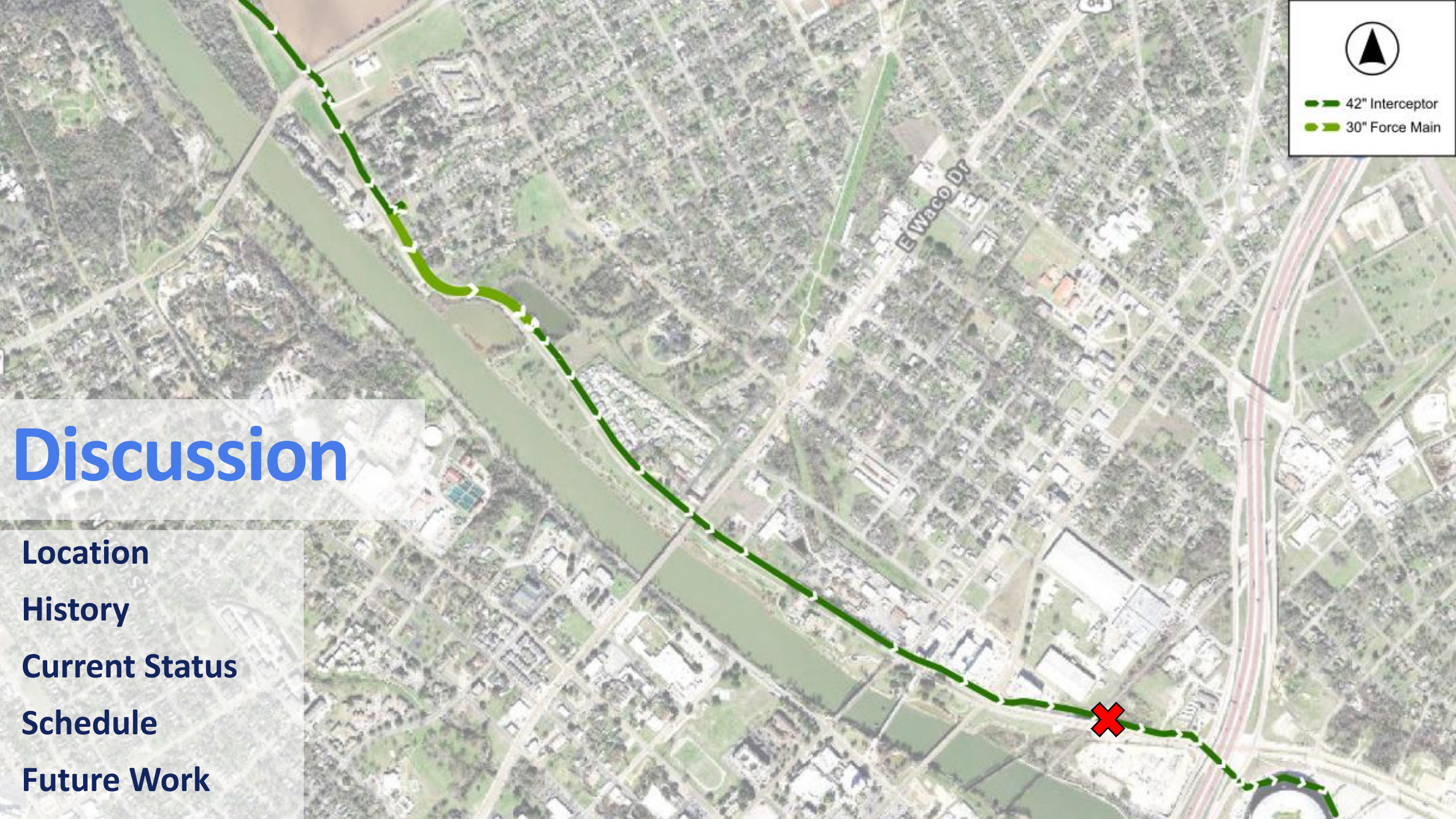


42" East Bank Sanitary Sewer Repair UPDATE

8/4/26

Charles H. Leist II, P.E.

Director, Infrastructure Services

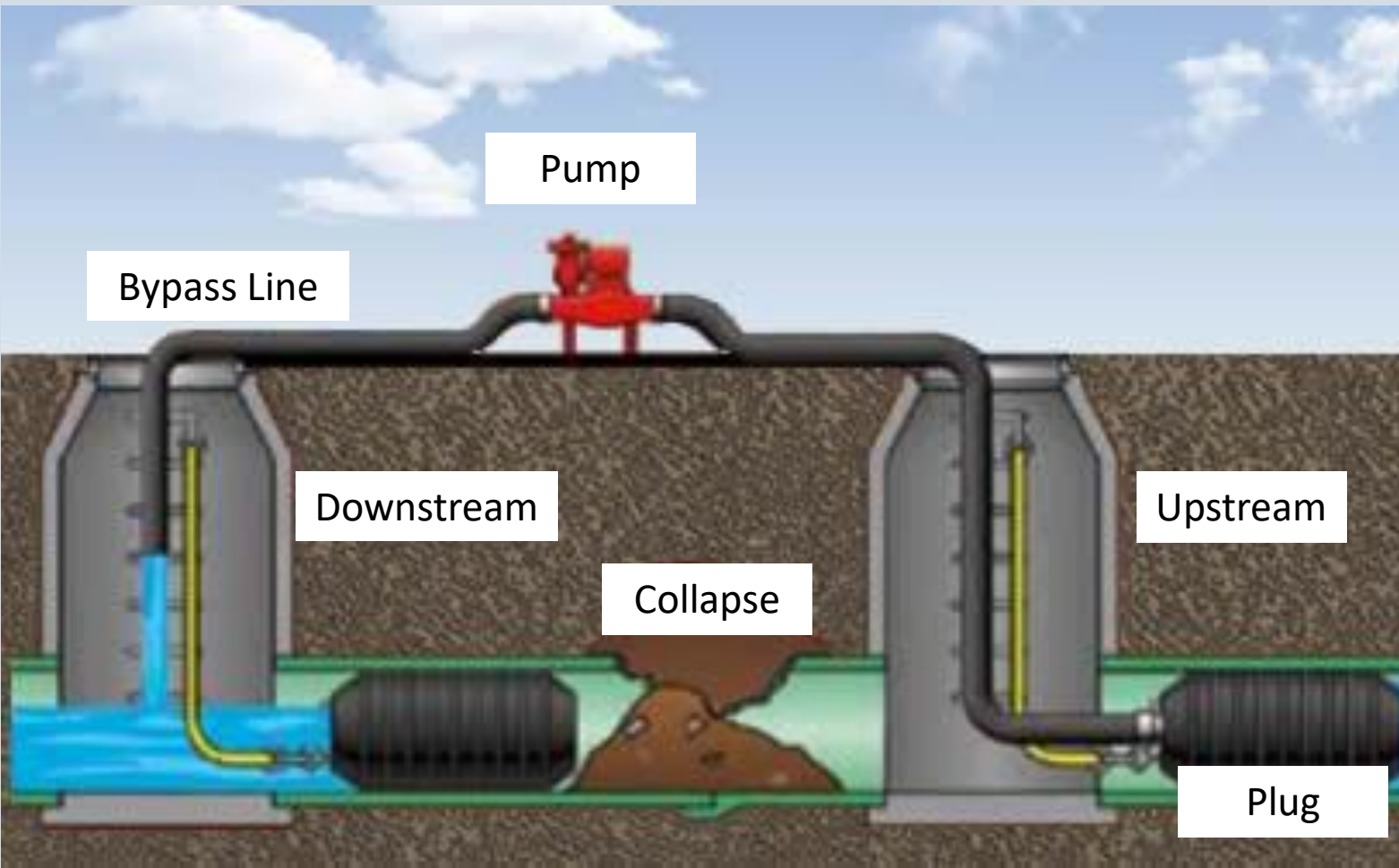


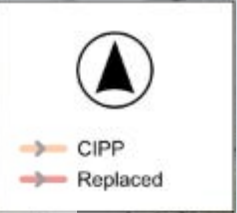
- 42" Interceptor
- 30" Force Main

Discussion

- Location
- History
- Current Status
- Schedule
- Future Work

Sewage Bypass





Collapse One: 2007

A section of the 42" sewer line near the corner of MLK Blvd and IH35 collapsed.

- **Council:** 4/2009
- **Cost:** \$1.8M
- **Engineering:** Freese & Nichols
- **Contractor:** SJ Louis
- **Timeline:** December 2007 through September 2010

S Martin Luther King Jr Blvd

Collapse Two: 2015

A sinkhole developed at the corner of MLK Blvd and Herring Ave. This was caused by the collapse of a joint of 42" sewer line.

- **Council:** 3/2018
- **Cost:** \$4.5M
- **Engineering:** CDM Smith
- **Contractor:** Whitestone Civil Construction
- **Timeline:** April 2015 through October 2019



Collapse Three: 2025

A pipe failure created a sinkhole near the Union Pacific Railroad near IH35.

- **Council:** 2/2026
- **Cost:** \$2,398,600
- **Engineering:** City of Waco
- **Contractor:** Timco
- **Timeline:** July 2025 through November 2026 (estimate)
- **FINAL ESTIMATE: \$3-3.5M, ALTERNATE TO REROUTE \$8M+**





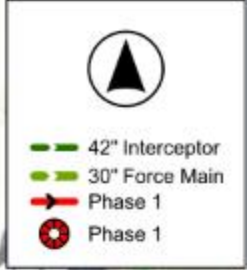
6/26/2026

Sinkhole



42" Sanitary Sewer Repair

Phase 1 – Repair the collapsed line



NTP: 03/16/2026

Tracking: Calendar Days

Days Used: 140

Work: 83

Holidays: 4

Weather : 0

Remove and replace SSMH west of tracks

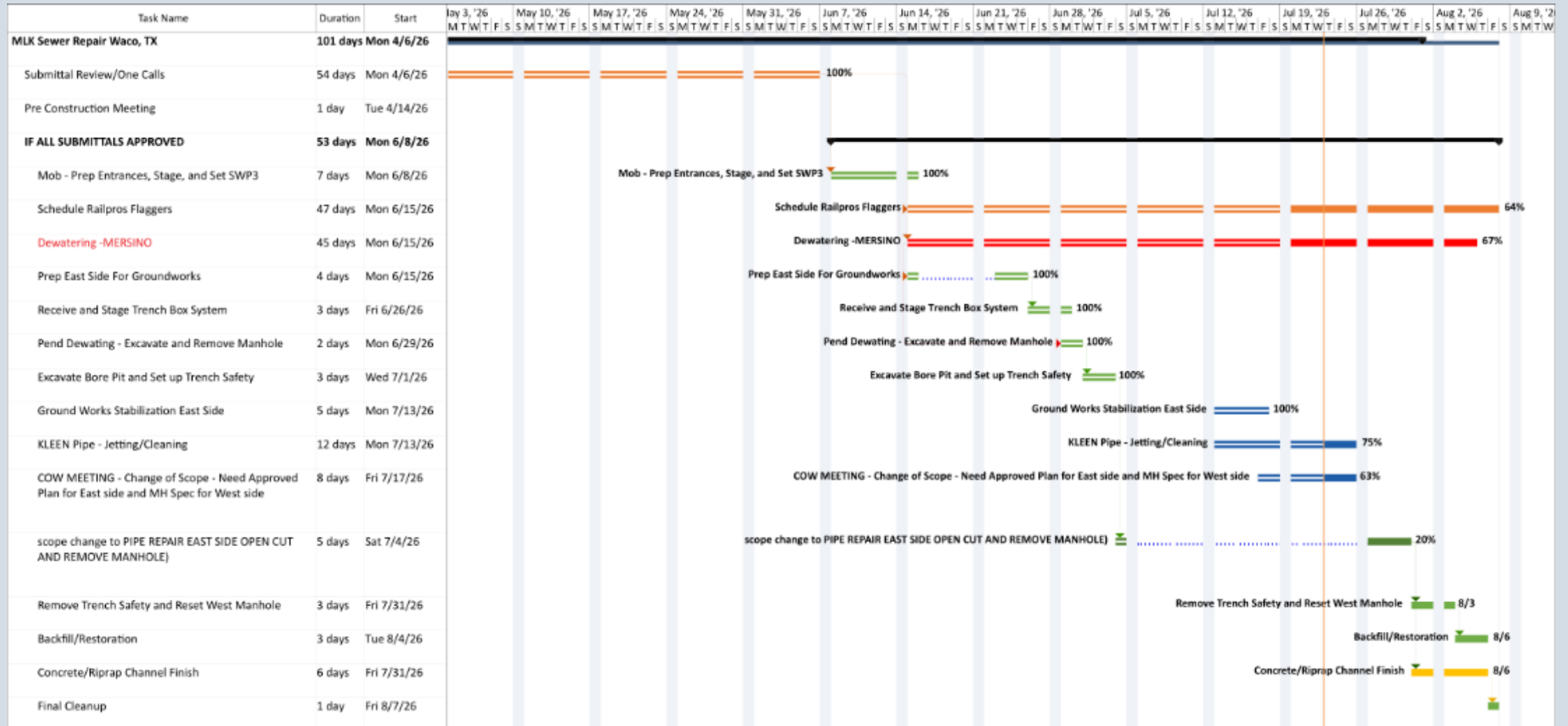
Remove SSMH east of tracks

Install new steel pipe east of tracks

Prepare west SSMH for CIPP

Schedule

UPRR and weather dependent





7/23/2026

7/22/2026



PHOTO IS FROM INSTALLING MANHOLE AT STA 0+00 (2010)

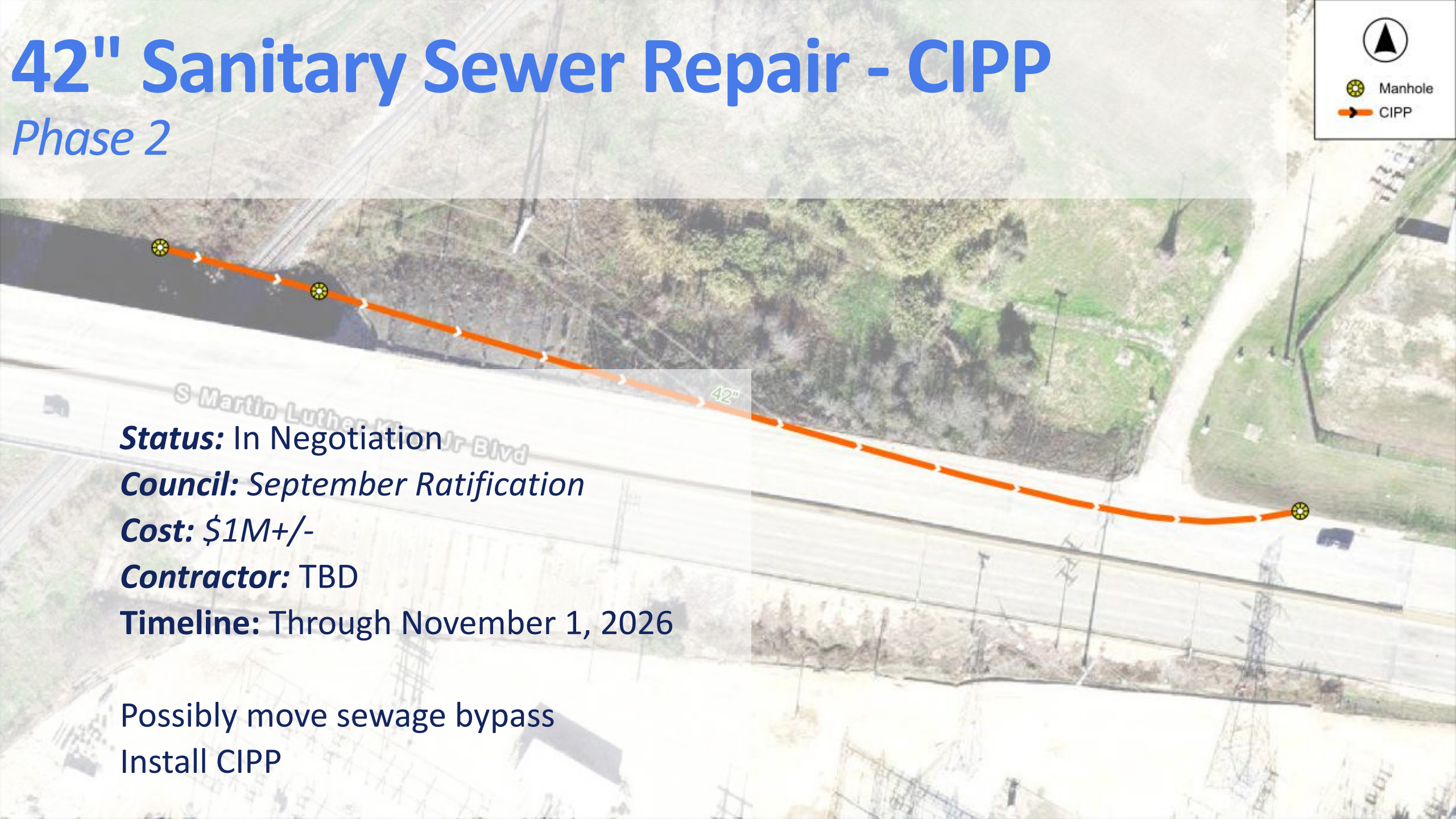
42" Sanitary Sewer Repair - CIPP

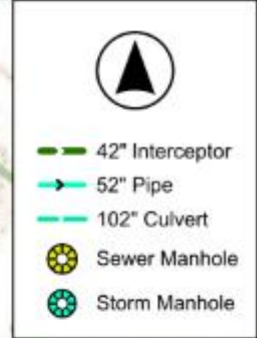
Phase 2



Status: In Negotiation
Council: September Ratification
Cost: \$1M+/-
Contractor: TBD
Timeline: Through November 1, 2026

Possibly move sewage bypass
Install CIPP





Concerns:

- 42" Sanitary Sewer penetrates 54" Storm Drain in Elm
- 42" Sanitary Sewer penetrates 102" Storm Drain in Taylor
- Bypass is not in the correct location to perform other work
- Condition of Storm Drains in Elm, Taylor, and other City Streets
- Develop long-term assessment and repair program for 42"SS

Structure

Sewer line



102" SD

Structure

Sewer line



WACO TAYLOR

UPSTREAM <- 0+00 OPEN CUT

Circular 42inch Reinforced Concrete Pipe

230.70ft

WACO TAYLOR

UPSTREAM <- 0+00 OPEN CUT

Circular 42inch Reinforced Concrete Pipe

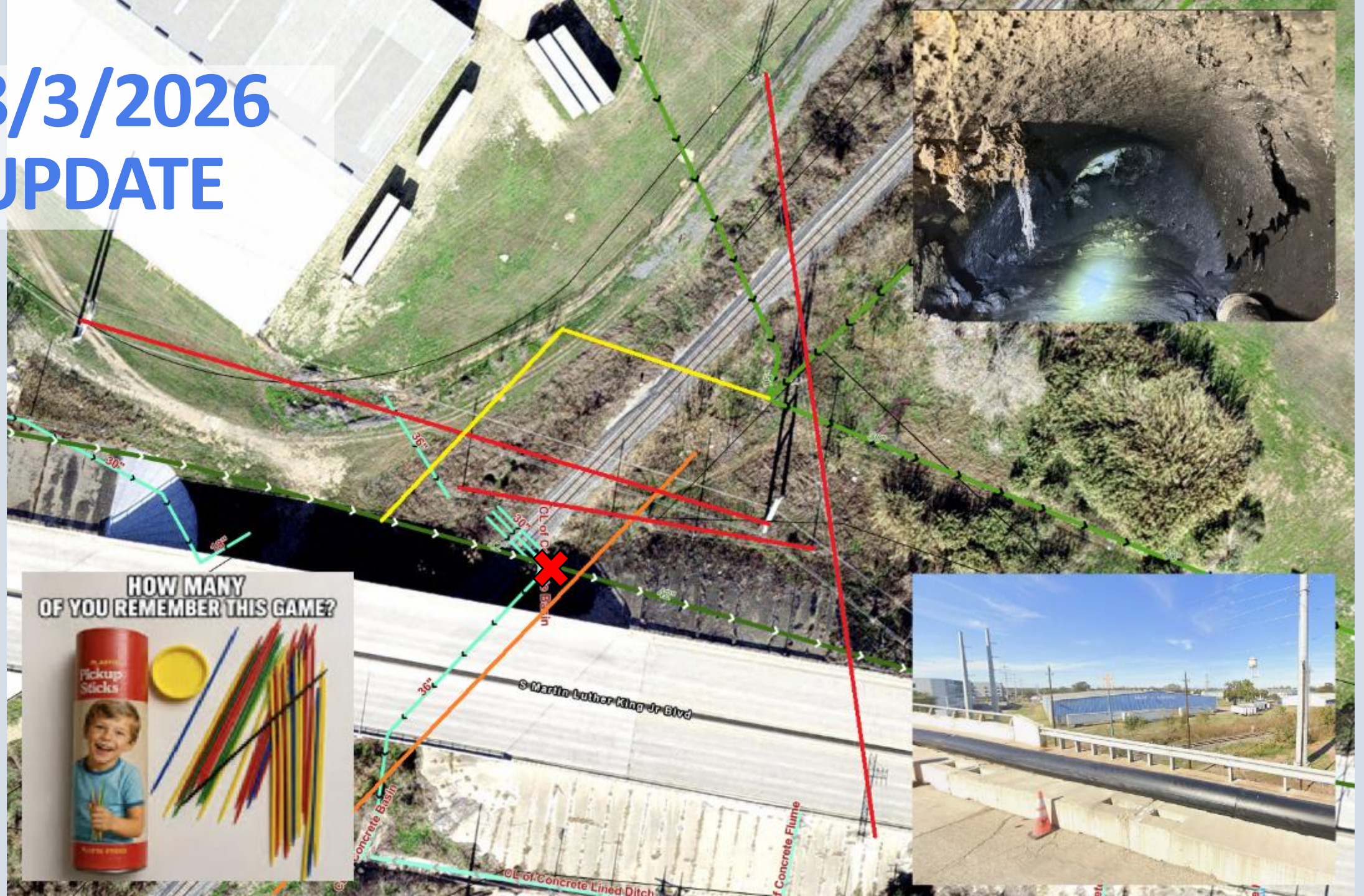
907.20ft

Rusting – Integrity to
be Investigated

Coating Abraded

Coating Eroded

8/3/2026
UPDATE



Summary

Current

Complete 42" Sanitary Sewer Work by November 2026

Likely to reduce capacity of 42", model work indicates this will work for the near term

Future

CIPP other segments of 42" with a future project (UPRR through Elm to start)

Investigate entire East Bank Sanitary Sewer

Potential Future Bypass and Traffic Impacts

Controlled schedule – weeks, instead of months or years

Perform Condition Analysis on all (CMP) storm drains tied to Brazos River

Diving will only get us so far – a possible lake lowering may be the best answer