

Harwin Drive Improvements Project Overview

PROJECT SCOPE & LIMITS

- **Reconstruction of Harwin Drive paving, storm and drainage mitigation from Drew Street to Fondren Road to include:**
 - A dedicated right-turn lane from EB Harwin onto SB Fondren
 - 4-11' lanes, undivided concrete curb and gutter (2 lanes in each direction)
 - 6' wide ADA compliant sidewalks and wheelchair ramps
 - 550 LF - 10'x 6' RCB within concrete lined outfall channel
 - Construction of 4.30 Acre Detention Basin on 4121 Osage
 - 800 LF - 8'x5' RCB storm from Harwin to prop. detention basin
- **Replacing exist. 8" AC water with 12" WM within project limits**
- **Asphalt resurfacing of Drew from Harwin to Glenmont**
- **Asphalt resurfacing of Glenmont from Drew to Fondren**
- **Street Lighting along Harwin within the project limits**

ESTIMATED CONSTRUCTION COST

- ~\$5.50 million (June 2024)
 - cost is compiled based on recent bids for similar construction
 - cost does not include soft cost and property acquisition

PROJECT TIMELINE

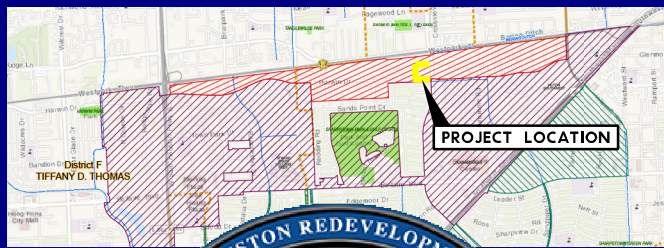
- **Design Schedule**
 - 2nd Quarter 2025 - completion of design & bid package
- **Construction Duration**
 - 12 months – from notice to proceed with construction contract

EXISTING ROADWAY

- Harwin Drive between Drew and Fondren is a commercial corridor with retail & wholesale store front shops.
- Harwin Drive is an undivided concrete curb and gutter roadway with 4 - 10-ft travel lanes and 4' sidewalks constructed in the early 1970's.
- Existing ROW is typically 65-ft wide with no building setbacks.
- Drew Street and Glenmont Drive are asphalt roadways currently blocked off with security fencing.
- Posted speed limit is 35 mph.
- 1 METRO bus stop and shelter at the corner of Harwin Dr and Fondren Rd serving routes 152 and 153.

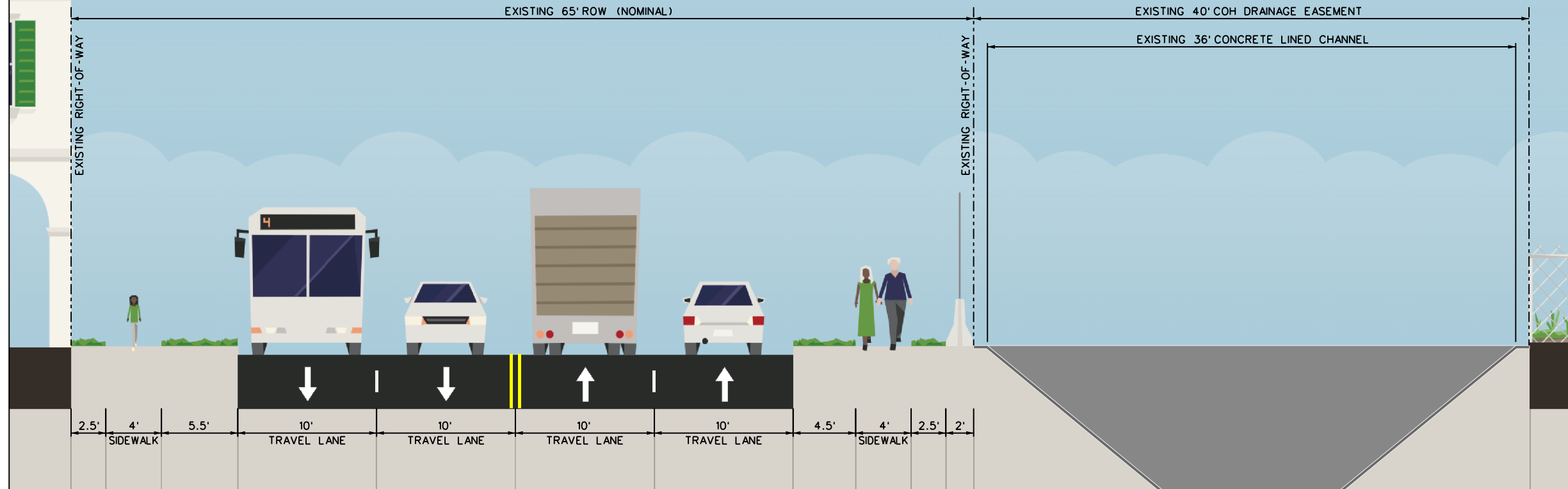
PROPOSED ROADWAY

- Road widening to provide 4 - 11-ft travel lanes and 6-ft sidewalks within the existing 65-ft ROW.
- Produces no impact to the property owners along the corridor

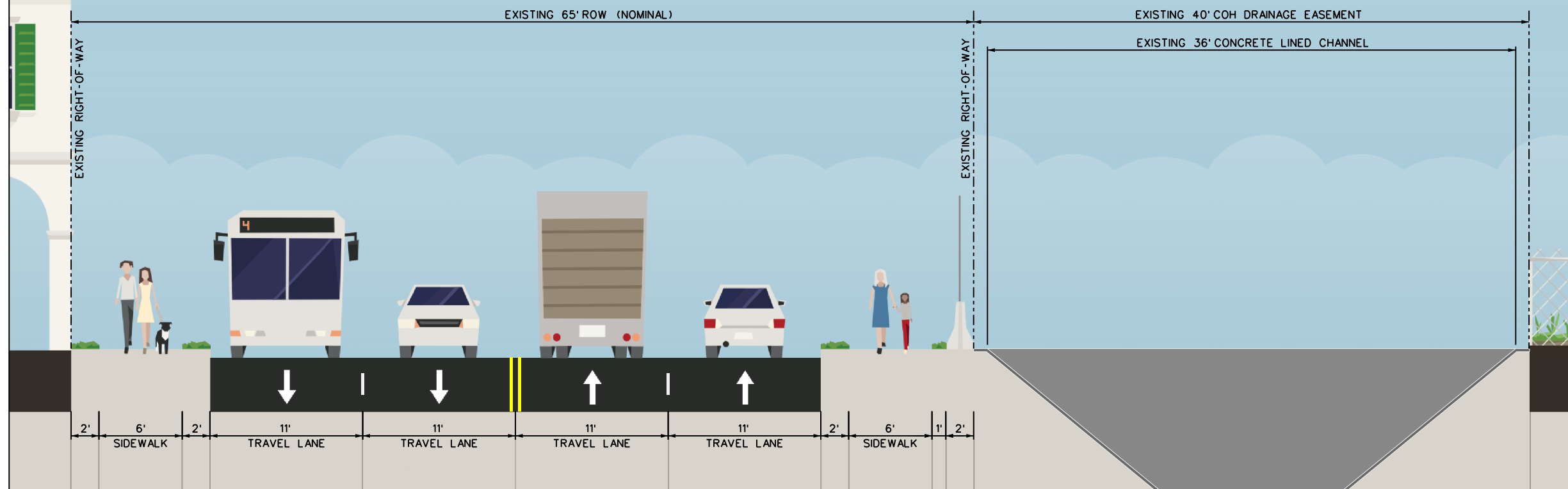


HARWIN DRIVE IMPROVEMENTS
FROM DREW STREET TO FONDREN ROAD

EXISTING HARWIN DRIVE DREW TO FONDREN



PROPOSED HARWIN DRIVE DREW TO FONDREN

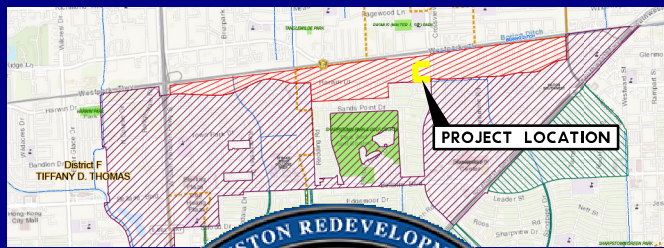


EXISTING ROADWAY

- The Harwin Drive approach to Fondren Road is composed of 5 - 10-ft travel lanes with 4' sidewalks on both sides of the roadway.
- The left turn lane allows for approximately 100-ft of storage.
- Existing ROW is typically 65-ft wide with no building setbacks.
- Posted speed limit is 35 mph.
- 1 METRO bus stop and shelter at the corner of Harwin Dr and Fondren Rd serving routes 152 and 153.

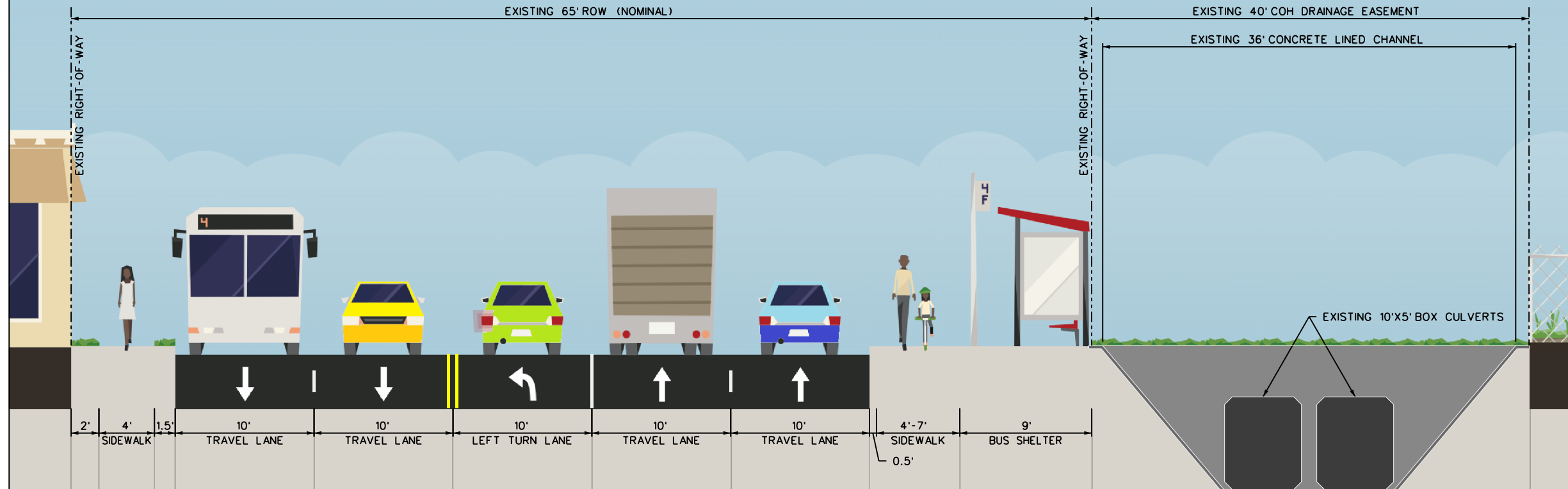
PROPOSED ROADWAY

- Road widening to provide 6 - 11-ft travel lanes including a dedicated right turn lane and 6-ft sidewalks within the existing 65-ft ROW and drainage easement.
- Increase storage length of left turn lane to 250-ft.



HARWIN DRIVE IMPROVEMENTS
FROM DREW STREET TO FONDREN ROAD

EXISTING HARWIN DRIVE FONDREN APPROACH



PROPOSED HARWIN DRIVE FONDREN APPROACH

