

Waterline and Fire Hydrant Relocation Bid Award and Sidewalk Policy Update of SH174 Widening Project

October 21, 2024



SH174 Widening Project Overview

- This project is for the expansion of SH174 from 4 lanes to 6 lanes from Elk Dr. to Wicker Hill Rd.
- It is a joint effort between the City and TxDOT. City is responsible for design and TxDOT is responsible for construction.
- Currently the consultant has submitted 100% PS&E plans to TxDOT for review.
- Estimated bid date is June 2025.



City Responsibilities

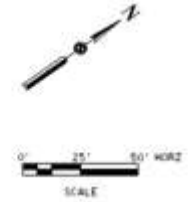
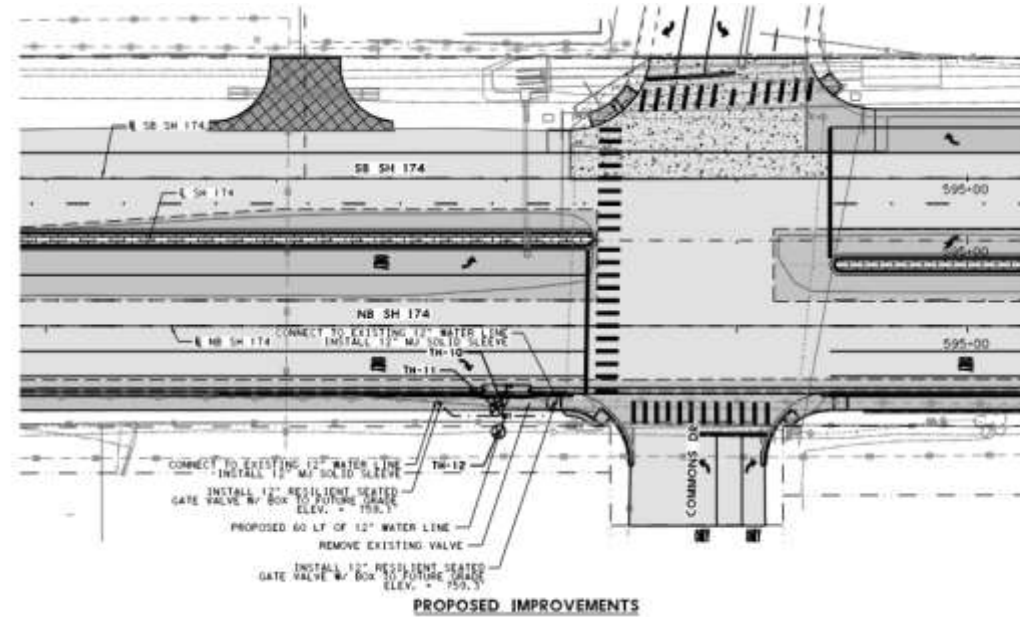
- Relocate all city infrastructure that is in conflict with the project
- TxDOT projects require the construction of sidewalk with the project, or the adoption of a policy that requires developers to install sidewalk along SH174 in accordance with TxDOT standards



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Waterline and Fire Hydrant Relocation

This project will relocate approximately 60LF of the 12" waterline along SH174 and one fire hydrant required before TxDOT can begin construction.



Test Hole #	Utility Size, O.D. (Inches)	Utility Material (Refer to Legend)	Utility Type (Refer to Legend)	Depth to Top of Utility (Feet)
10	12	PVC	W	5.96
11	4	DBC	F	5.24
12	2-2"	PE	FOC	6.56

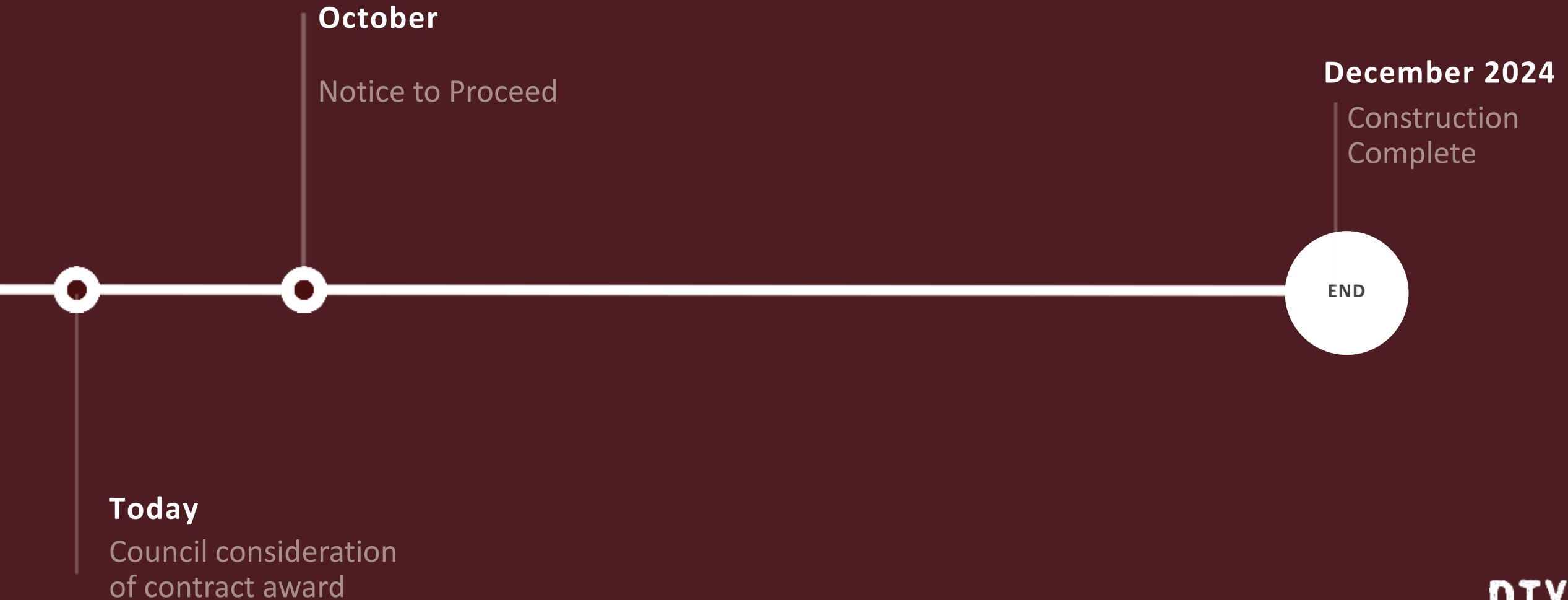


Construction Procurement

- Five (5) bids received; one was deemed non-responsive
 - Gratex Utilities Inc.- \$73,715.50
 - Grod Construction LLC - \$99,000
 - Atkins Bros. Equip. Co.,Inc. - \$117,680
 - Tellus Services, LLC- \$119,500
- Funding Source: Construction funding available - \$234,433.60
- Staff Recommends:
 - Award the contract to the lowest bid received from Gratex Utilities Inc. at \$73,715.50 with a 10% contingency of \$7,371.55 for a total authorization of \$81,087.05.



Project Timeline



Sidewalk Policy

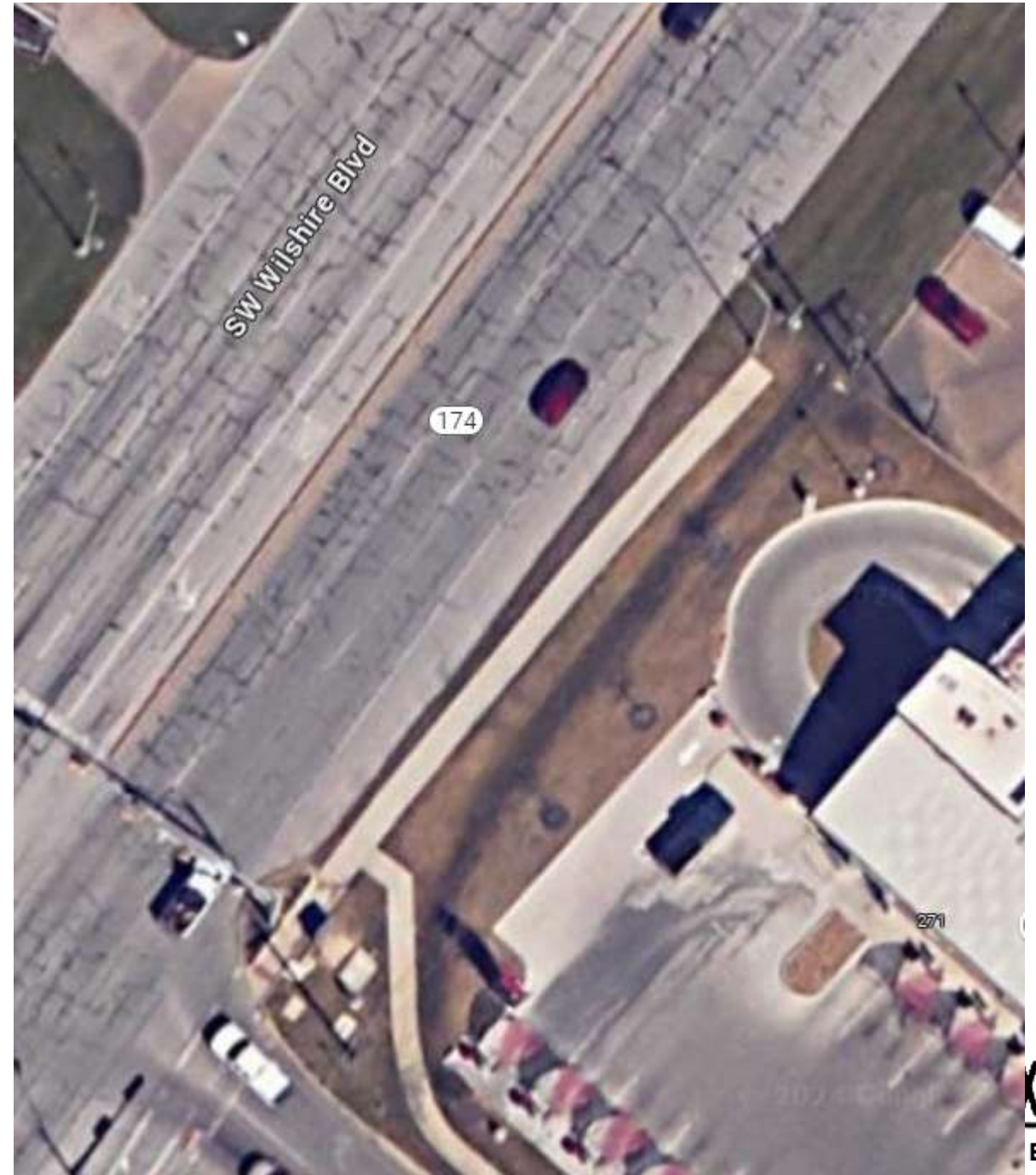
Stand Alone Sidewalk Policy

- The proposed project will widen SH 174 to six lanes and provide wider shoulders.
- The corridor has several areas of undeveloped land and/or areas for redevelopment where the sidewalk will not be installed as part of the project.
- This policy is intended to establish the guidelines for the construction of a 6-foot-wide sidewalk adjacent to undeveloped areas as development is proposed or redevelopment occurs.



Current Sidewalk Policy

- Allows for collection of escrow in lieu of construction of sidewalk to prevent sidewalks to nowhere.



Stand Alone Sidewalk Policy

- Option 1 – Construct a sidewalk within the TxDOT right-of-way. This option may require replacing the existing ditch with a storm drain and the installation of a curb and gutter to maintain drainage within the TxDOT right-of-way.
- Option 2 – Install the sidewalk adjacent to the TxDOT right-of-way within a 15-foot-wide public pedestrian access and private landscape easement dedicated by separate instrument or by plat. Fences shall not be allowed to obstruct the pedestrian access easement. The City shall only be responsible for sidewalk maintenance within the pedestrian access easement.



Action Requested

- Approve a contract with Gratex Utilites Inc. for a total authorization of \$81,087.05
- Approve Sidewalk Policy

Questions / Discussion

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