

City Council Meeting

Agenda Item

Data Sheet

Meeting Date: July 20, 2026

Topic:

Approve Resolution 2026-35, a Resolution of the City Council of the City of Tomball, Texas, Appointing the City Manager as the Chief Executive Officer and Authorized Representative to Act in All Matters in Connection with the Texas Water Development Board (TWDB) Water Infrastructure and Stormwater Enhancement (WISE) grant and Committing the City to Provide Matching Funds to Secure and Complete the grant application.

Background:

The Texas Water Development Board (TWDB) has opened the application solicitation period for the Water Supply and Infrastructure Grant (WSIG) Opportunity, established under House Bill 500 (HB 500) during the 89th Texas Legislative Session. The program provides 100 percent grant funding for eligible water supply and water infrastructure projects. No local match is required. Applications are due July 30, 2026.

The City of Tomball has an opportunity to apply for grant funding to replace and upsize an aging water transmission main that serves as a primary conveyance artery within the City's water distribution system. This memorandum requests City Council authorization to file an application and designate the City Manager as the authorized representative for purposes of application execution and submission.

The proposed project involves the replacement and upsizing of approximately 7,500 linear feet of 50-year-old steel water transmission main. The existing 8-inch main runs from the City's water treatment plant along the Main Street corridor to FM 2920. The pipe was installed approximately 50 years ago and has reached the end of its serviceable life. The current alignment also runs within an active sidewalk corridor, creating significant access and maintenance constraints.

The replacement line will be upsized to 16 inches along the primary corridor, tapering to 12 inches further west where demand volumes are lower, along a realigned route that removes the pipe from the sidewalk and improves long-term access. The new alignment serves 11 lateral connections that currently depend on this trunk line for water delivery. The upsizing increases hydraulic capacity consistent with the City's projected demand growth identified in the 2026 Region H Regional Water Plan.

The existing transmission main presents a few interconnected infrastructure risks that justify immediate action:

- Age and material condition. Steel water mains installed 50 years ago are well past their design life. Aging steel pipe is susceptible to internal tuberculation, corrosion, and structural failure. A failure in this trunk line would disrupt water service to all 11 downstream connections simultaneously.
- Insufficient capacity. The existing 8-inch diameter is undersized relative to the demand it currently serves and is not adequate to support the City's projected growth. The 2026 Region H Regional Water Plan identifies a Water Management Strategy for Tomball – WUG

- Infrastructure Expansion -- with a target online decade of 2030. The proposed project delivers the local transmission infrastructure needed to support that strategy.

The project is consistent with the 2026 Region H Regional Water Plan. Tomball is identified as a project sponsor under the WUG Infrastructure Expansion Water Management Strategy, which calls for expanded water transmission capacity to meet the City's projected demand through 2050. No state water plan consistency waiver is needed. The WSIG program does not permit waivers for state water plan consistency.

The following summarizes the key terms of this grant opportunity:

Program	TWDB Water Supply and Infrastructure Grant (WSIG)
Funding Type	100% grant
Grant Request	\$5,500,000
Application Deadline	July 30, 2026

Any expenses over \$5,500,000 the city would cover

Origination: Project Management

Recommendation:

Staff recommends approving Resolution 2026-35 appointing the City Manager as the Chief Executive Officer and authorized representative to act in all matters in connection with the Texas Water Development Board (TWDB) Water Infrastructure and Stormwater Enhancement (WISE) grant and Committing the City to Provide Matching Funds to Secure and Complete the grant application.

Party(ies) responsible for placing this item on agenda: Meagan Mageo, Project Manager

FUNDING (IF APPLICABLE)

Are funds specifically designated in the current budget for the full amount required for this purpose?

Yes: _____ No: _____ If yes, specify Account Number: # _____

If no, funds will be transferred from account # _____ To account # _____

Signed Meagan Mageo Approved by _____
 Staff Member Date City Manager Date