

F.M. 2181 Utility Relocations Advanced Funding Agreement

City of Denton

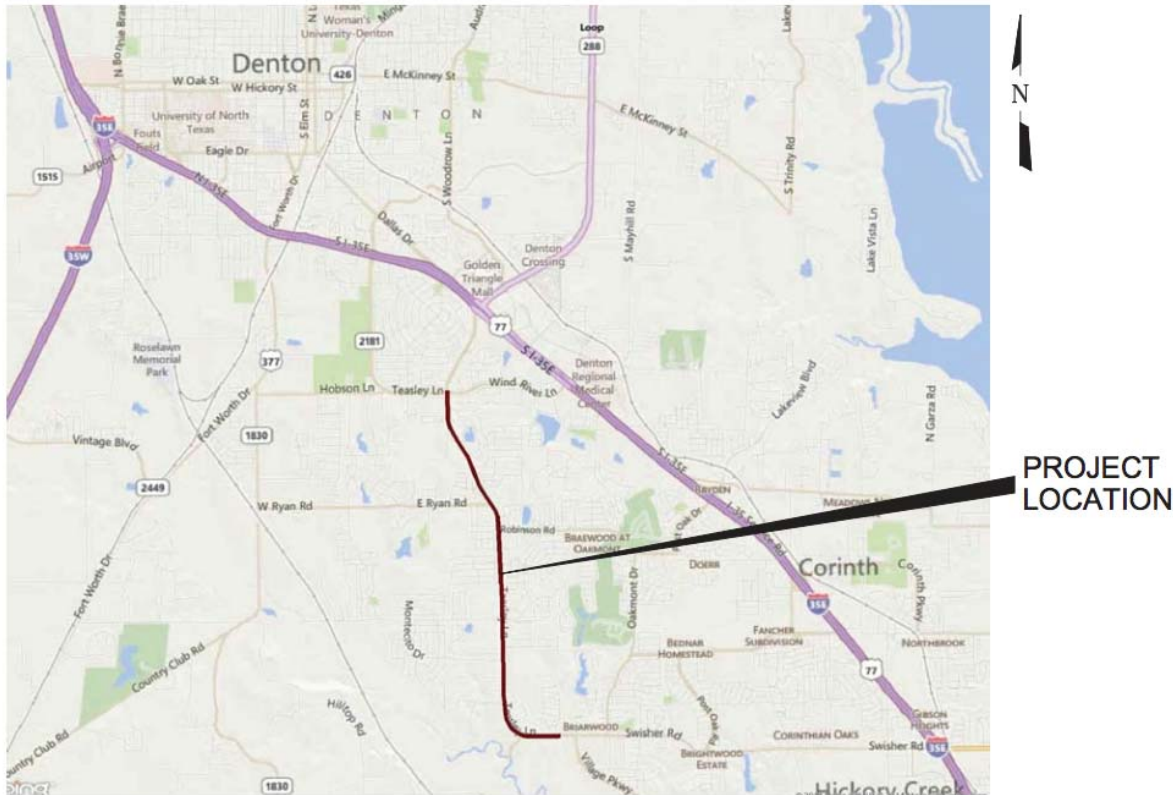
Public Utilities Board Meeting

July 10, 2017

Action Item

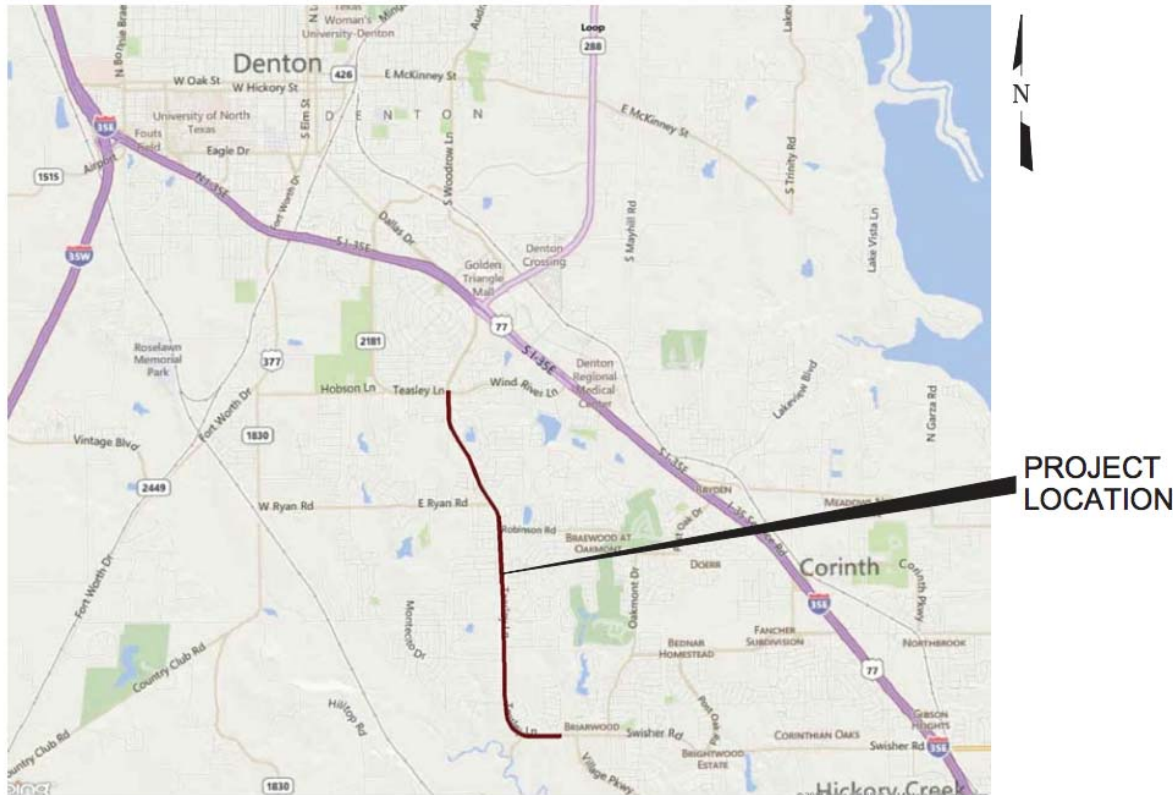
- Consider recommending adoption of an ordinance of the City, authorizing the City Manager, or his designee, to execute an Advanced Funding Agreement:
 - by and between the State of Texas, acting through the Texas Department of Transportation and the City of Denton,
 - regarding water and wastewater utility improvements associated with the FM 2181 roadway widening project,
 - in a form substantially similar as attached in Exhibit 1, and
 - in the approximate amount of \$2,824,714.59 (amount to be finalized after bids are opened).

Project Overview: FM 2181 TxDOT Scope



1. Widen two lane roadway to six lane divided roadway, raised median from Wind River Lane (north end) to just west of FM 2499 (south end). Median width from 6 to 16 feet wide. Construct various turn lanes.
2. Construct traffic signal improvements at Wind River Ln., Ryan Rd., Robinson Rd., Wheeler Ridge Dr., Hickory Creek Rd., Montecito Dr. and Old Alton Rd.
3. Replace roadside drainage ditches with underground storm drain system.
4. Construct min. 5'-wide concrete sidewalks both sides of roadway throughout project limits.

Project Overview: FM 2181 City of Denton Scope



5. Relocate City water and sewer lines including water meters and sewer service cleanouts outside of TxDOT ROW or outside the proposed pavement area in accordance with TxDOT Utility Accommodation Rules (UAR).
6. Install new encased crossings of water and sewer lines across TxDOT ROW.
7. Modify water and sewer lines to avoid conflicts with proposed TxDOT storm drain improvements.
8. Identify reimbursable utility adjustments.
9. Identify betterments.

Reimbursable / Non-Reimbursable Utility Adjustments

- When a **new** TxDOT ROW encroaches on existing City water or sewer easement and requires relocation and acquisition of a new utility easement, TxDOT will participate in the cost of the utility adjustment. Utility adjustments are reimbursable.
 - Design costs, easement costs and construction costs.
 - Reimbursable costs determined based on percentage of total work.
 - 11.77% of the wastewater adjustments are reimbursable.
 - 80.64% of the water line adjustments are reimbursable.
- When the City water or sewer line exists within **current** TxDOT ROW and is required to be adjusted by the TxDOT project, the City is responsible for all utility adjustment and easement acquisition costs.

Betterments

- Utility improvements not necessitated by TxDOT highway construction, installed solely for benefit and at the option of the City are called betterments.
- The costs of installing betterments are not eligible for TxDOT cost participation or reimbursement.
- This project includes betterments at two locations:
 - Water line bore at Lexington Park Medical Center to preserve parking area
 - Upsizing 8" to 10" sanitary sewer line at Bent Oaks Drive

Advance Funding Agreement (AFA): Draft

- The draft agreement sets out terms and conditions for payment by the City to the State for utility adjustment work.
 - The City will pay:
 - All non-reimbursable utility adjustment costs = \$2,378,216.43
 - All betterment costs = \$161,112.19
 - Additional costs associated with construction of the project:
 - Barricades (2%) = \$47,564.33
 - Mobilization (5%) = \$118,910.82
 - Engineering/Contingency (5%) = \$118,910.82
- Total due to State from City of Denton = \$2,824,714.59
- Costs shown in draft agreement and above are **based on construction cost estimates** and are only approximate. The final costs will be based on bid prices provided by the contractor selected by TxDOT to construct the project.

Advance Funding Agreement (AFA): Final

- TxDOT will receive bids for the project on **Tuesday, July 11.**
- The non-reimbursable costs amounts and total due to the State from the City will be recalculated based on the actual bid numbers and will be updated in the AFA.
- Lump sum payment in the AFA is meant to be the maximum payment liability for the City on this project.
- If the City elects to add work through change orders, then the City would be responsible for paying those additional costs.
- The Final AFA will be presented to City Council on **Tuesday, July 18.**

Project Funding

- The lump sum amount determined after the State's bidding process will be paid for with existing water and wastewater bond funds associated with the following two project numbers:
 - Water – 630081523
 - Wastewater - 640052545

Questions?