

SW Alsbury Boulevard Widening from Hulen St. to Candler Drive (Phase 1B) ST2302

November 4, 2024



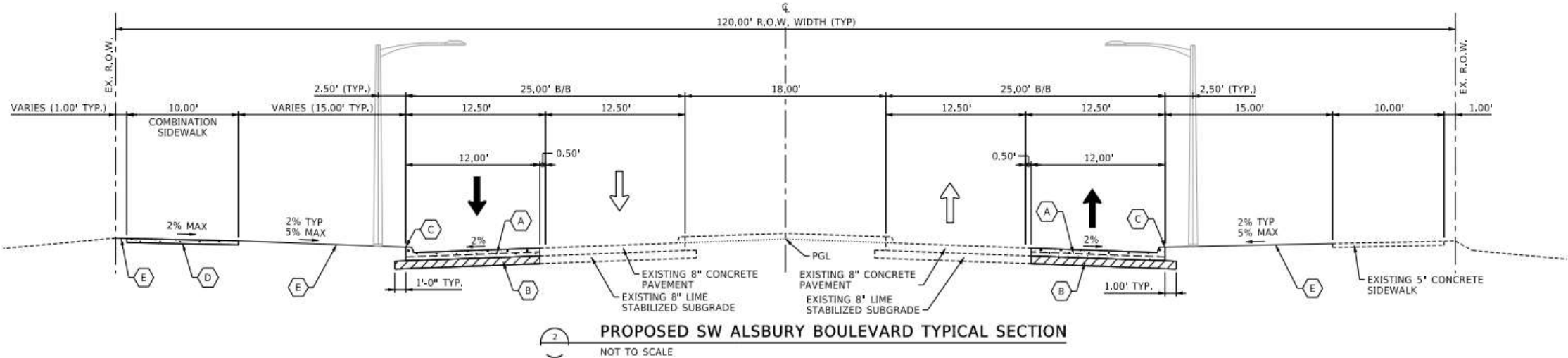
Project Items

- Construction Contract
- BNSF Agreement
- Oncor Agreement
- Materials Testing Contract



Project Overview

- Construction of outside lanes and north side 10 ft. shared use path
- BNSF railroad modifications to crossing and signals
- Water line extension beneath BNSF railroad for future development
- Modifications to existing storm drain system with recessed curb inlets
- Irrigation and landscaping improvements consisting of Southern Live Oak and Shumard Red Oak parkway trees



Construction Bid Summary

- Invitation to bid issued with 10 submissions received
 - Low Bid: \$2,672,529.00
 - High Bid: \$3,587,882.65
- Staff Recommends:
 - Award to Jackson Construction, Ltd. (Low Bidder)
 - Contract: \$2,672,529.00
 - Contingency Fund: \$267,253.00
 - Total: \$2,939,782.00



Contract Funding Summary

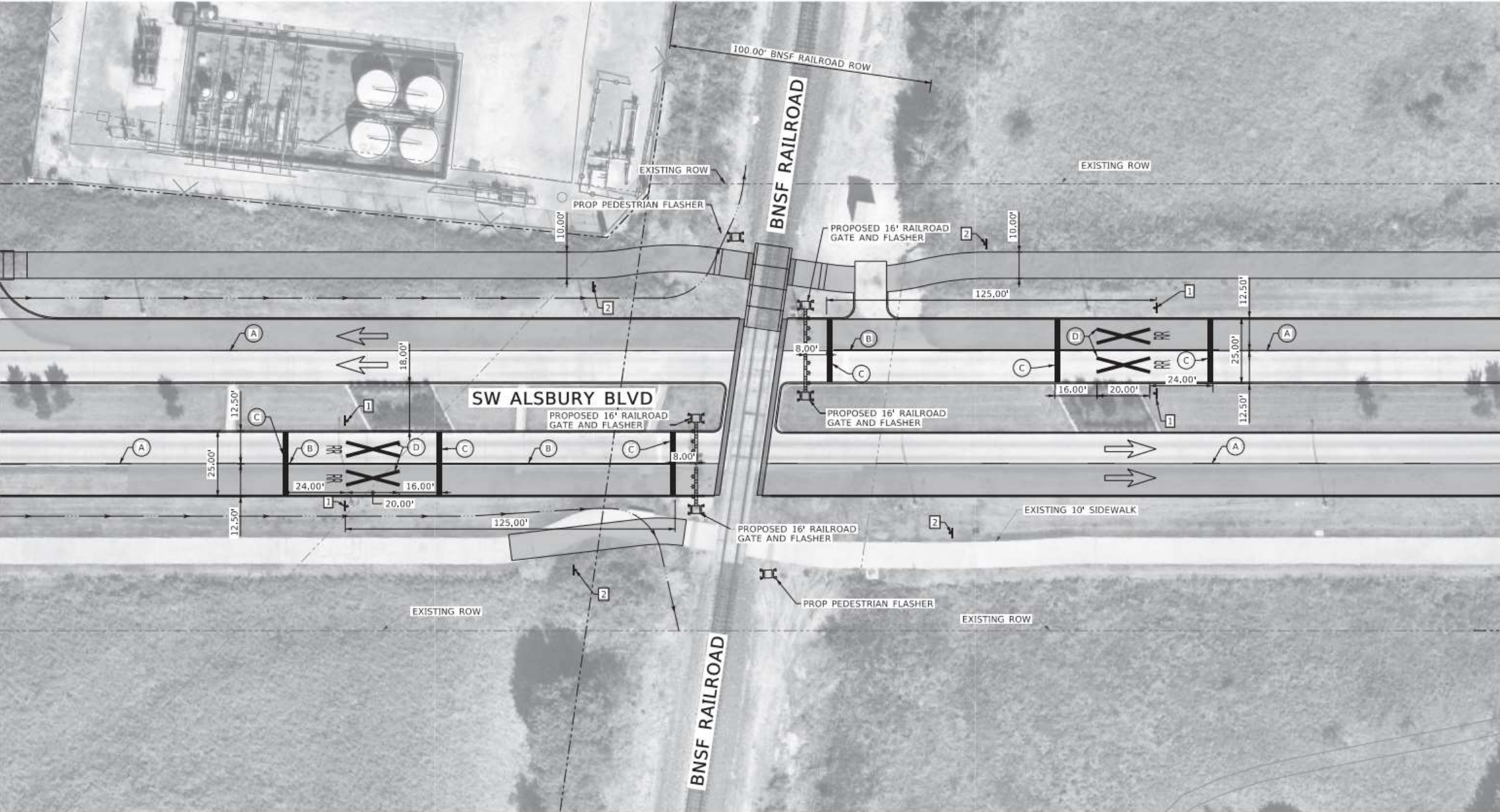
- \$2,639,782.00 Street Bonds
- \$300,000.00 Water/Sewer Construction Fund

BNSF Agreement

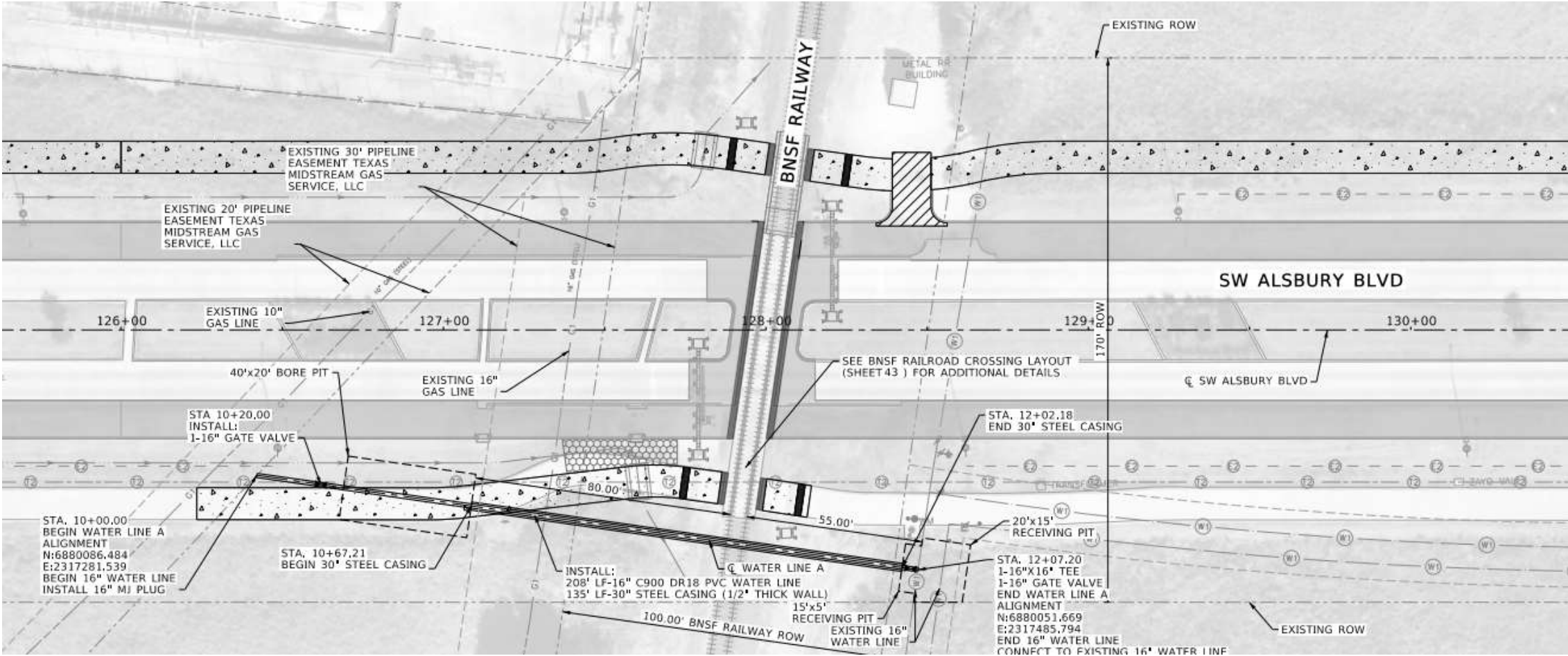
BNSF Agreement

- The SW Alsbury Boulevard Widening from Hulen St. to Candler Street (Phase 1B) Project will require modifications to the BNSF railroad crossing and signals to accommodate the increased width of pavement.
- The modifications include the addition of 4 crossing panels to accommodate the increased pavement width. The relocation of the existing crossing arms and addition of two new crossing arms to cover the two lanes in each direction.
- The plans for the Alsbury project were sent to BNSF review and design of the necessary crossing modifications and permitting.
- In addition, a permit is required for the installation of a 16" water line under the railroad. The Alsbury plans were also sent to the utility permitting section of BNSF.
- Railroad crossing markings are included in Alsbury construction contract.

Plan for BNSF crossing modifications



Plan for water line bore at BNSF crossing



Summary of BNSF costs

- Crossing modification \$231,177.00
- Signal modifications \$314,733.00
- Water line bore permit \$ 4,966.00

Total \$550,876.00

Funding

- \$545,880.00 Street Bond Fund
- \$4,966.00 Water/Sewer Construction Fund

Oncor Agreement

Oncor Agreement

- Remove overhead electric power lines
- Bury 3500' of PVC Conduit
- Install 3500' of 3 phase electric

- Total Cost – \$547,411

- Funding: \$547,411 Street Bond Fund

Funding Background

- Certificate of Obligation – Issued August 2024
 - \$1,165,055 – Street Bonds
- Reimbursement Resolution – November 2024
 - \$3,500,000 – Street Bonds
- Certificate of Obligation – Prior Issuance
 - \$304,966 – Water Bonds
- Total Available Funding - \$4,970,021

Project Timeline



Recommended Council Action

Approve a bid award to Jackson Construction, Ltd. for the SW Alsbury Boulevard Widening from Hulen St. to Candler Drive (Phase 1B) project in the amount of \$2,672,529.00 with a project contingency of \$267,253.00.

Recommended Council Action

Approve of a BNSF agreement for modification to Alsbury crossing, bore permit and payment of fees totaling \$550,876.00

Recommended Council Action

Approve of an Oncor agreement for undergrounding of electrical infrastructure totaling \$547,411.

Questions / Discussion

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