

PROGRESS REPORT—March 2025

BRIAR BRANCH STORM WATER DETENTION BASIN EXPANSION AND STORM SEWER IMPROVEMENTS

WBS No. N-T7000-0021-3



PROJECT LOCATION

Storm sewer and roadway improvements:

- Westview Drive, Cedardale Dr, Windhover Ln, and Demaret Ln

Basin improvements:

- At existing basin between Bunker Hill Rd and Blalock Rd.

FUNDING PARTNERS

- EPA: \$3,394,000

PROJECT OBJECTIVES & DESCRIPTION

Reduce risk of flooding in neighborhood by:

- Installing reinforced concrete boxes to draw water more quickly away from the homes.
- Mitigating flow increases by deepening the detention basin.

Associated Improvements

- Reinforced concrete boxes and basin deepening
- Half-road replacement
- Mill and overlay roadway (side without boxes)
- Sidewalk and ADA-compliant wheelchair ramps
- Waterline replacements
- Driveway replacement
- Lift station
- Subsurface barrier wall



Existing Roadway



Existing Basin



PROJECT STATUS

- Completed slurry wall installation.
- Demobilized trencher for slurry wall installation.
- Began slurry wall cap installation.
- Installed water lines.
- Performed wet connections.
- Began basin dewatering the basin.

NEXT STEPS

- Continue slurry wall cap installation.
- Continue water line offsets.
- Basin access road to facilitate excavation.
- Excavation for lift station.

BASIN DETENTION VOLUME

Pre-project volume: 44 ac-ft

Added volume: 35.1 ac-ft*

Total: 79.2 ac-ft

*80% capacity increase

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CONSTRUCTION TIME

- Original Contract Time: 470 Days
- Mobilization Date: Jan 6th, 2025

CONTACT INFORMATION

Construction Manager:

Gauge Engineering
11750 Katy Freeway, Suite 400
Houston, TX 77079



Contractor:

Reytec Construction Resources, Inc.
1901 Hollister St.
Houston, TX 77080



PAYMENT ESTIMATES

Original Contract Amount	\$13,797,688.00
Change Order Amount to Date	\$0.00
Current Contract Amount	\$13,797,688.00
Previous Payments	\$3,840,793.95
Current Payment Due (Minus Retainage)	\$149,068.68
Contract Completion Date	April 20, 2026
Balance Remaining	\$9,597,832.60

PROGRESS PHOTOS



Slurry Wall Clay Cap Installation



Geogrid and Clay Cap Installation



Waterline Installation



Slurry Wall Clay Cap Compaction