

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

- Mobilized and assembled trencher for slurry wall installation
- Slurry wall installation is complete
- Water line offsets

NEXT STEPS

- Slurry wall cap phase
- Basin dewatering
- Basin access road to facilitate excavation
- Continue water line offsets

BASIN DETENTION VOLUME

Pre-project volume: 44 ac-ft
Added volume: 35.1 ac-ft*
Total: 79.2 ac-ft

*80% capacity increase

PROGRESS REPORT—MARCH 2025

BRIAR BRANCH STORM WATER DETENTION BASIN EXPANSION AND STORM SEWER IMPROVEMENTS



WBS No. N-T7000-0021-3

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	\$390,503.20
Current Payment Due (Minus Retainage)	\$3,450,290.75
Contract Completion Date	April 20, 2026
Balance Remaining	\$9,754,747.00

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



PROGRESS PHOTOS



Slurry Wall Equipment



Slurry Wall Installation



Water Line Installation



Backfill and Compaction