



The Brandon Booster Station will send an additional 5-7 million gallons of water per day to Hillsborough County's Lithia Water Treatment Plant.

Brandon Booster Station

By the Numbers

- Five 250-horsepower pumps
- 5-7 million gallons per day of additional water to Hillsborough County's Lithia Water Treatment Plant
- Two parallel 30-inch pipelines to tie into existing pipeline
- 6,500-square-foot building

Meeting Hillsborough County's Water Needs

Population growth in south-central Hillsborough County is creating a need for more drinking water. Forecasts show that south-central Hillsborough County will need at least 5 million gallons per day of additional water by the end of 2024.

Project Overview

Tampa Bay Water is building the new Brandon Booster Station to serve Hillsborough County's growing water needs. The booster station will provide an additional 5-7 million gallons of water per day to Hillsborough County's Lithia Water Treatment Plant.

The booster station property is located approximately 650 feet from Tampa Bay Water's Brandon Transmission Main along Durant Road, which makes it ideally situated to boost pressure and supply more

water to Hillsborough County's south-central system. Two new 30-inch diameter pipelines will be built to connect the booster station to this transmission main.

Key Features:

- Unstaffed building housing multiple pumps, an electrical room, control room, storage room and restroom
- Energy-friendly, low-level security lighting will not shine into the adjacent residential properties
- Security surveillance monitored 24 hours a day
- Built to withstand winds associated with a Category 3 hurricane
- No treatment or chemicals stored at the facility

Blending in with the Community

Tampa Bay Water designed the Brandon Booster Station with the community in mind. For instance, all pumps in the permanent facility will be enclosed in the split-face concrete block building to minimize noise. Pipelines entering and exiting the facility will be buried and hidden from view. Additionally, the site will be surrounded by a decorative composite fence with a decorative iron gate and Florida-friendly landscaping, which will buffer views while beautifying the area.



The property size allows for the appropriate setbacks to ensure the facility operates discreetly to protect nearby residents' quality of life.

Temporary Pumping

Hillsborough County needs additional water immediately. To help meet this urgent need, Tampa Bay Water is installing a temporary version of the booster station. We will install four electric-powered temporary pumps this summer on the Brandon Booster Station site and connect them to the pipelines that are being installed this spring. The temporary pumps will run continuously — 24 hours a day, seven days a week — and will be enclosed by sound-attenuating panels to minimize noise for surrounding neighbors. Temporary pumps will allow Tampa Bay Water to boost pressure in the Brandon Transmission Main months before the permanent building is complete, sending an additional 5-7 million gallons of water per day to southern Hillsborough County.

Road Closures

Pipeline construction will affect South Mount Carmel and Durant Roads, but resident access will always be maintained. For information on road closures and detours, please visit TampaBayWater.org/bbs or follow us on Facebook @TampaBayWater.

Cost

The Brandon Booster Station design and construction will cost approximately \$19.8 million and is being paid for through Tampa Bay Water's wholesale rate. The Southwest Florida Water Management District is funding \$3.8 million of the eligible project costs.



Schedule

- Construction: Spring 2022 to late 2023
- Normal Hours: 7 a.m. to 5 p.m. weekdays; some night and weekend work is required
- Operational: 2024

For More Information

Visit tampabaywater.org/bbs or call (813) 486-0361.

About Tampa Bay Water

Tampa Bay Water provides wholesale water to the public utility systems of Hillsborough, Pasco and Pinellas counties, as well as the cities of New Port Richey, St. Petersburg and Tampa.

TampaBayWater.org

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Project Team

