

**BIRMINGHAM WATER WORKS BOARD APPROVES CARSON LOOP, WARRIOR PROJECTS**  
CARSON PROJECT TO RELIEVE LAKE PURDY DURING DROUGHTS, PROVIDE REDUNDANCY

**BIRMINGHAM, Ala.** (January 25, 2023) – The Birmingham Water Works Board today approved more than \$19 million in infrastructure improvement projects that help provide water source backup and redundancy in the system and support economic development as part of Birmingham Water Works’ Five-year Strategic Plan.

The Board approved an \$18 million dollar project for the installation of a pipeline to protect the Lake Purdy Reservoir in times of drought and provide system redundancy. The new project, Carson Loop Phase 6D pipeline, will help transport water from reservoirs in the northeastern service area to the southern area served by Lake Purdy.

“Our strategic plan calls for investment in the reliable, resilient, and sustainable infrastructure necessary to support regional water resource needs, and these projects are critical to this goal,” said Johnson.

The Carson Loop project will involve the installation of approximately 3,650 feet of 36-inch ductile iron cement lined (DICL) pipe and fittings; construction of a 600-foot pipe bridge across the Cahaba River; construction of an access roadway on either side of the pipe bridge; and other related site improvements. The Russo Corporation was approved as the lowest responsible and responsive bidder.

“Lake Purdy is a critical water source for southern Jefferson and northern Shelby Counties and having water sources from other parts of the network will help shield the system from drought and will improve our overall distribution system,” BWW Assistant General Manager Derrick Murphy said.

This important infrastructure project is necessary to provide potable water from the Eastern High service area via the Carson Filter Plant to the Cahaba Valley service area and Shades Mountain Intermediate service area supplied by Shades Mountain Filter Plant. The project will reduce the raw water withdrawal at Lake Purdy during high demand periods and times of drought and will also provide operational flexibility and redundancy to the Cahaba and Shades Mountain service areas in the distribution system, Murphy added.

The Board also today approved \$1.05 million in material and inspection services for another water system capacity and redundancy project in northern Jefferson County. D. R. Horton, LLC will install approximately 10,540 feet of pipeline for the Rimel Farms Development on Warrior-Kimberly Road which will support the Birmingham Water Works Board’s system redundancy capabilities.

“We’re elated about this project,” adds Johnson. “Not only does it increase our flexibility in delivering quality drinking water, but it also helps to enhance economic development which is also a significant part of our Strategic Plan.”

**ABOUT BIRMINGHAM WATER WORKS BOARD:** Founded in 1951, the Birmingham Water Works Board serves 770,000 people in Jefferson, Shelby, Blount, St. Clair, and Walker counties. The BWWB operates four filtration plants, a certified testing laboratory, and has more than 4,000 miles of pipe in its distribution network. For more information about the Birmingham Water Works Board, media inquiries, or tours of our museum, please call 205-244-4225 or visit [www.bwwb.org](http://www.bwwb.org).

Media Contact: [publicrelations@bwwb.org](mailto:publicrelations@bwwb.org) | 205-244-4225

# # #