

Work Site: Porter-Gaud Drop Pipe

Building the new West Ashley Sewer Tunnel will require construction activity at several sites along the tunnel route, including a site on the Porter-Gaud campus off Albemarle Road.

Why this site?

This site was selected because it's very close to a drop pipe for the existing sewer tunnel. This proximity is necessary so that existing sewer lines can be easily diverted to the new drop pipe. This site is also located above the new tunnel alignment.

Estimated Construction Timeline

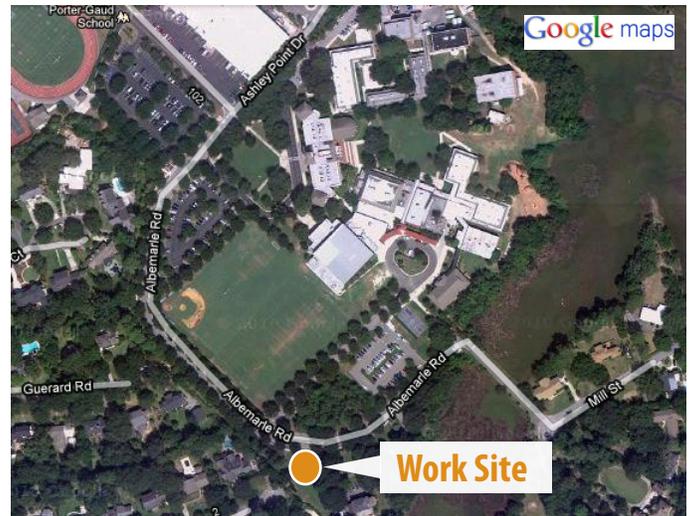
Construction work at the Porter-Gaud site is expected to begin in March 2013 and will last approximately 15 months. A more specific timeline will be available after the project is bid and a contractor is selected.

Description of Construction

Construction activity at the Porter-Gaud Drop Pipe will consist of drilling two shafts approximately 120 feet deep to the replacement tunnel depth. Then, a 30-inch-diameter pipe will be installed in each shaft, and nearby sewer lines will be diverted from the old tunnel drop pipe to the new pipe so that wastewater will flow into the new tunnel.

After discussions with Porter-Gaud and nearby residents, CWS has included the following provisions in the construction plans:

- During construction, the work area will be enclosed by an 8-foot tall wooden fence.
- All construction equipment and materials will be located inside the fenced area.
- Workers will be shuttled to and from the site to minimize the number of vehicles.
- Construction working hours will be 8:15 a.m. - 5 p.m., Monday - Friday.
- Delivery and general access restrictions have been set up with Porter-Gaud to minimize the impact on school traffic.



The Porter-Gaud work site will be located just off of Albemarle Road behind The Crescent Neighborhood. The site will be enclosed by a fence during construction. When the work is complete, the site will be restored with landscaping and an architectural brick wall to screen equipment.



Work activity at the Porter-Gaud site will look similar to this drop pipe construction on Council Street in downtown Charleston, which was part of the Cooper Sewer Tunnel Replacement Project (2007).

For More Information

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