



Glenmore Trail West Lift Station

May-June 2020

The City of Calgary continues to treat, test and deliver our water, providing high-quality water to Calgarians during the COVID-19 pandemic. During this time, we continue to prioritize the delivery of essential services.

On occasion, larger projects are required to continue supporting these services and are critical to supporting current and future development.

As with all repair projects, our priority is the health, safety and well-being of citizens, staff and contractors. We continue to monitor and/or put in place new measures and protocols to ensure public health is always protected.

Background

The Glenmore Trail West Lift Station, which has been providing stormwater service to the Glenmore Causeway since 1997, has experienced a discharge pipe failure within the Lakeview Golf Course area, where it has created a moderately-sized sinkhole.

Calgary's stormwater system is a gravity fed system, which means that stormwater flows are primarily driven to the various rivers and creeks in Calgary by gravity. This lift station pumps stormwater, which would otherwise drain into the Glenmore Reservoir, to a discharge location downstream of the Glenmore Dam.

As the lift station pumps must be shut down for the discharge pipe repair to be performed, the pumping of stormwater from the lift station and away from the reservoir must be maintained while the repairs are underway, which will require the installation of bypass pumping equipment and hoses from the lift station to a suitable discharge point.

Repair work details

This urgent repair work will begin June 1, 2020 and take approximately 5 days to complete.

The discharge pipe repair work will take place within the Lakeview Golf Course; however, the bypass pumps and related supporting equipment will be installed on public pathway adjacent to the lift station, and the hoses, along the pathway to a discharge manhole.

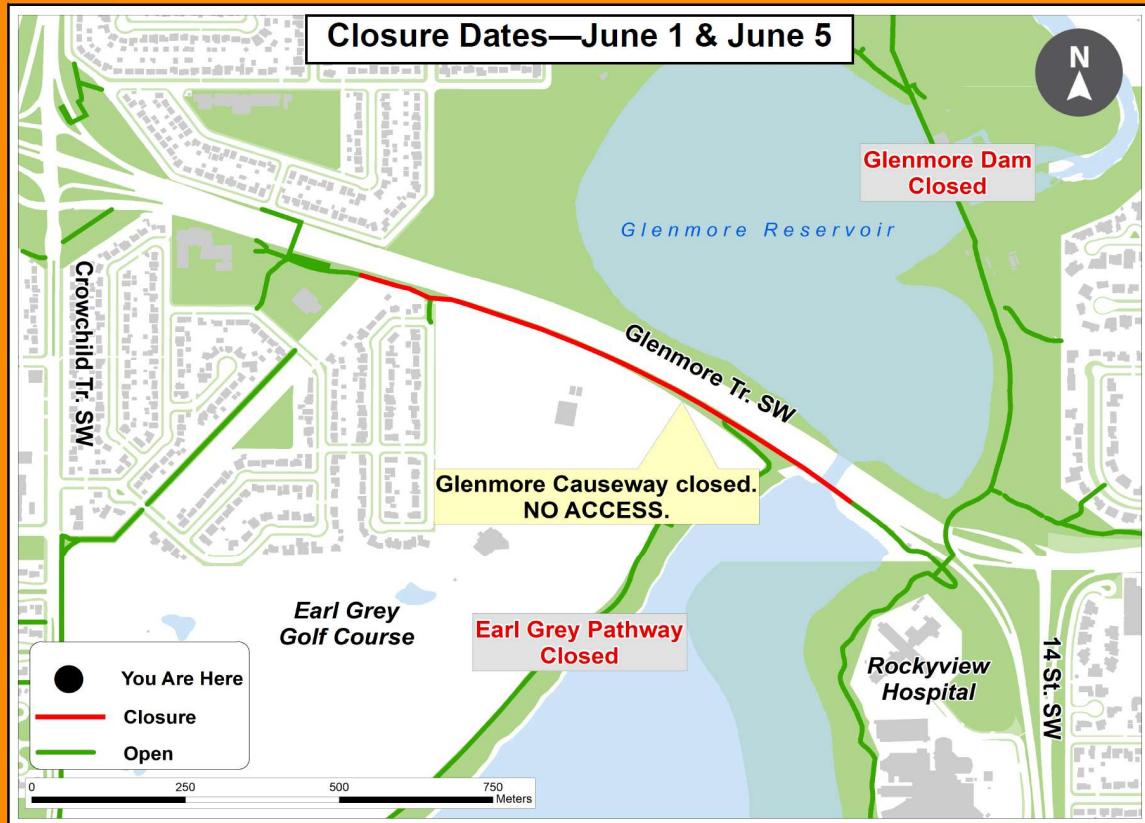
We will be using surface-laid hoses, and diesel pumps, and generator powered submerged pumps, to maintain stormwater service to the Glenmore Causeway. The hoses will extend from the lift station west along the south side of the pathway, crossing the pathway 800 meters later, and discharging into the manhole in the driveway to the North Glenmore Park Community Association's parking lot.

Ramps will be used over the hoses within the pathways to prevent impacts to pedestrian and bicycle traffic.

Repair work impacts

- The pathway will be closed, and no pathway detour will be possible, during the installation of bypass equipment on June 1, between the hours of 8:00 AM and 5:00 PM (see map below). This closure is required to allow vehicles, (e.g. skid-steers, vacuum trucks, worker vehicles) and other necessary equipment proper access to set up the work site.
- From June 2 to June 4, the pathway will be open during bypass pump operation but narrowed due to equipment and safety fencing etc.

Pathway Detour



Calgary.ca/pathwayclosures or Call 3-1-1

- On June 5, between the hours of 8:00 AM and 5:00 PM, the removal of bypass equipment will occur, with no detours being possible.
- In collaboration with the North Glenmore Park Community Association, parking lot access will be narrowed by the use of the discharge manhole, with security fencing and barricades guiding any vehicles or pedestrians away from the manhole.
- Bypass Pump Operators will be onsite 24-hours per day in order to facilitate bypass pumping while the lift station pumps and discharge pipe are shut down.
- Noise levels should have minimal impact on the public, as the lift station is not in close proximity to any residential areas.

Project information or questions

Please contact 311 with any questions or concerns about this work.