

# CONSTRUCTION UPDATE

## Duggan Tunnel Replacement Project JULY 2023

### PROJECT OVERVIEW

EPCOR is responsible for the maintenance of the drainage infrastructure in Edmonton. As the infrastructure ages, it deteriorates in many different ways. The current Duggan sanitary tunnel provides service to neighbourhoods in southwest Edmonton and has been identified for replacement. This project will see construction of a new underground sanitary tunnel.

The alignment of the new tunnel is along 111 Street from Saddleback Road/29A Avenue, east along 34 Avenue, and then north on 106 Street to north of L.Y. Cairns School.

### WHAT'S HAPPENING

The area on 34 Avenue between 111 Street and 106 Street (Worksite #3) is currently being used to build a large pit (also known as a shaft) to facilitate lowering a tunnel boring machine (TBM) into the ground which will create the tunnel.

The TBM will first head towards 34 Avenue and 106 Street (Worksite #4) where it will be extracted. The tunneling activity is scheduled to begin the week of **July 10, 2023**.

The TBM used to tunnel underground operates under a pressure system to move forward. When stopped, the machine requires force to push it forward when tunneling resumes. This could result in a situation where the TBM gets stuck and is unable to move forward. As mentioned in our previous project notices, **24 hours a day, 7 days a week (24/7) tunneling work** is required to reduce this risk.

### SCHEDULE

The 24/7 tunneling operations along 34 Avenue from Worksite #3 to Worksite #4 is anticipated to start the **week of July 10, 2023** and is expected to be completed by **mid-August 2023**. *Please note, timelines are estimates and may change based on weather and construction conditions.*

Please note that a second tunneling run along 34 Avenue from Worksite #3 to Worksite #2 will begin later in 2023 and may also require 24/7 work. Further notification will be provided prior to the next phase of tunneling work.

Regular working hours outside of 24/7 tunneling operations are **7:00 a.m. to 7:00 p.m. Monday to Saturday**. If required, these hours may be extended, and construction may occur on **Sundays from 9:00 a.m. to 5:00 p.m.**

### SAFETY

The construction areas will continue to be fenced and/or marked as restricted areas. We will take every precaution to ensure public safety, and we request your assistance in keeping children and pets a safe distance from the construction site and the equipment. We thank you for your patience and understanding as we perform this necessary work.



# OVERALL PROJECT AREA



## MORE INFORMATION

EPCOR Drainage Services

Phone: 780-509-8080

Email: [EPCORdrainage@epcor.com](mailto:EPCORdrainage@epcor.com)