

CONSTRUCTION NOTICE

Duggan Tunnel Replacement Project

FEBRUARY 2023

PROJECT OVERVIEW

Having safe, reliable utility services is a critical part of day-to-day life in the community. With this in mind, EPCOR is sharing an important update on an essential project in your area.

The existing Duggan sanitary tunnel provides service to neighbourhoods in southwest Edmonton and has been identified for replacement. This will see construction of a new sanitary tunnel to service neighbourhoods from Steinhauer up to Bonnie Doon.

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.

EPCOR is aware of consistent sewer odour issues in several neighbourhoods along the alignment of the Duggan Tunnel, particularly in Steinhauer. This project is part of EPCOR's Corrosion and Odour Reduction Strategy (CORE). The strategy aims to understand and mitigate sewer odour issues and will result in significantly reduced sewer odour city-wide by 2031. With completion of the new tunnel, we expect the major cause of how odour is formed and pushed out into the communities to be notably diminished.

The majority of the work will be underground using a tunnel boring machine (TBM). However, there will be multiple work sites (shaft locations) along the tunnel alignment to allow the TBM to be lowered underground to excavate, turn corners, and be removed when tunneling is complete.

This project is broken down geographically into five zones which follow the alignment of the new tunnel:

- **Zone A** – 111 Street from Saddleback Road/29A Avenue to 34 Avenue
- **Zone B** – 34 Avenue from 111 Street to 106 Street
- **Zone C** – 106 Street from 36A Avenue to 38 Avenue
- **Zone D** – 106 Street from 40 Avenue to Whitemud Drive
- **Zone E** – 106 Street and 45 Avenue to L.Y. Cairns

WHAT'S HAPPENING

One worksite in Zone A and two worksites in Zone B will begin construction in Spring 2023. The locations are:

- Eastbound on 34 Avenue, between 111 Street and 106 Street
 - Expected to begin on **March 7, 2023** and is anticipated to be completed by **Summer 2024**.
- In the green space east of 111 Street and south of 34 Avenue
 - Expected to begin on **April 19, 2023** and is anticipated to be completed by **Spring 2024**.
- Northbound on 106 Street and north of 34 Avenue
 - Expected to begin on **May 12, 2023** and is anticipated to be completed by **Spring 2024**.

Timelines are estimates and may change based on weather and construction conditions.

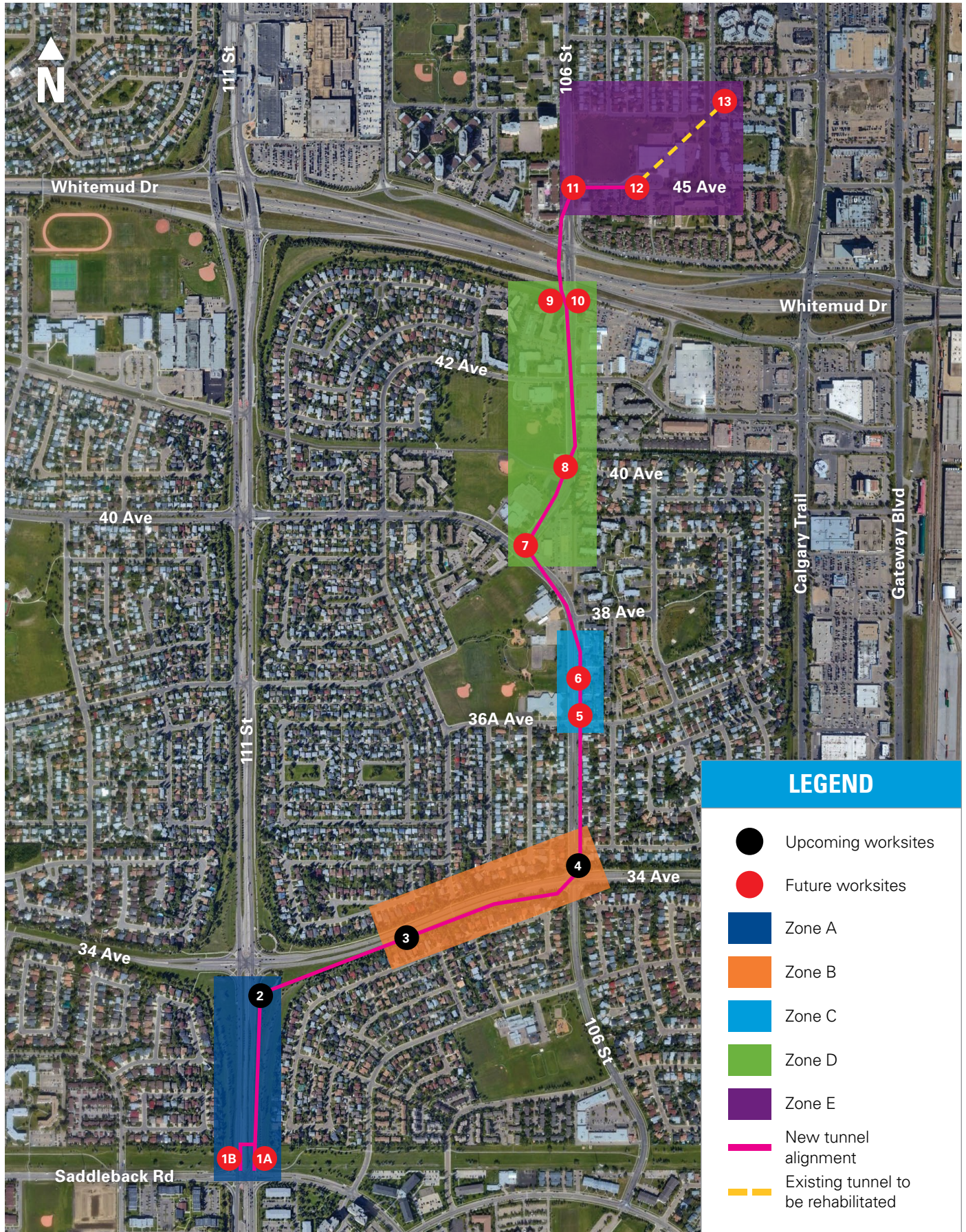
More information, including traffic impacts and timelines on remaining worksites, will be shared with residents adjacent to the work areas prior to work starting.

SCHEDULE

Regular working hours 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 9:00am to 5:00pm.

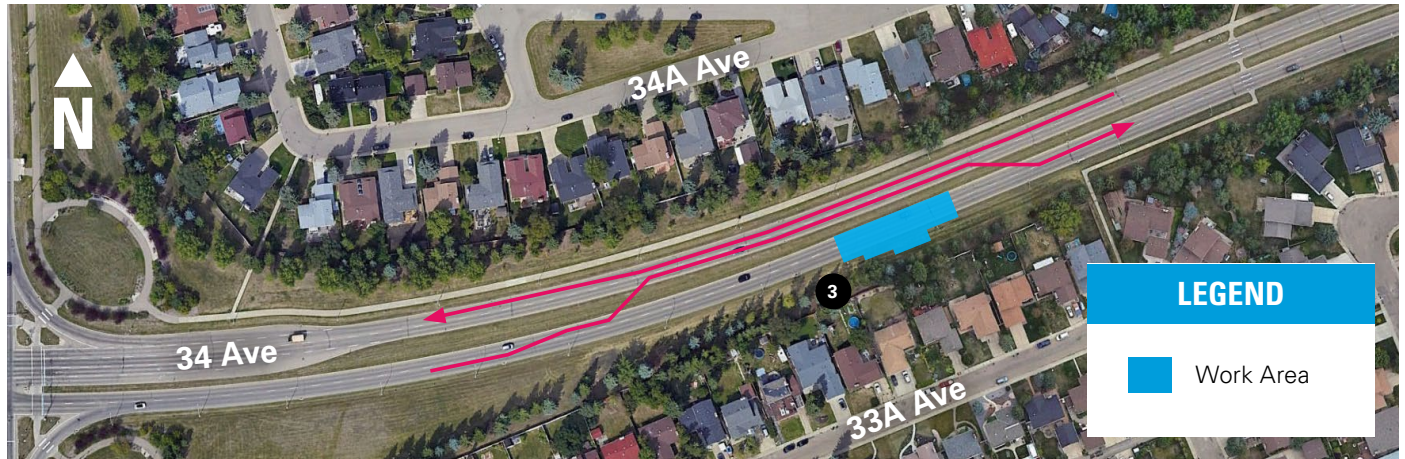
24-hours-a-day, 7-days-a-week (24/7) tunneling work is required at worksites #2, #3, #5, #7, #8 and #11 once the shafts are constructed. Residents and businesses in the area of the work will be notified before this activity begins. Please see the map on the next page for approximate locations of these worksites.

OVERALL PROJECT AREA



MAP OF WORKSITE #3 EASTBOUND ON 34 AVENUE, BETWEEN 111 STREET AND 106 STREET

Construction is expected to begin on **March 7, 2023** and is anticipated to be completed by **Summer 2024**. *Timelines are estimates and may change based on weather and construction conditions.*

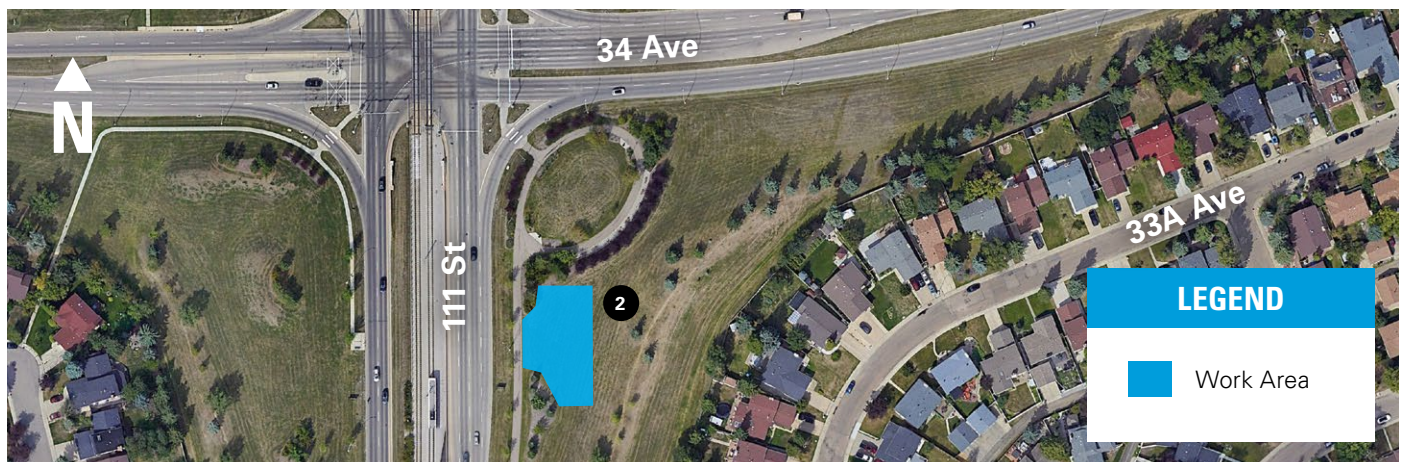


IMPACTS

- Two eastbound lanes on 34 Avenue between 111 Street and 108 Street will be closed. The westbound lanes will be converted to one lane in each direction to allow two-way traffic.
- A portion of the greenspace along the south side of 34 Avenue between 111 Street and 108 Street will be utilized for the workspace. The area will be fully fenced and secured.
- Trucks and equipment will access all the worksites from 34 Avenue. Temporary lane closures may be in effect.

MAP OF WORKSITE #2 IN THE GREEN SPACE EAST OF 111 STREET AND SOUTH OF 34 AVENUE

Construction is expected to begin on **April 19, 2023** and is anticipated to be completed by **Spring 2024**. *Timelines are estimates and may change based on weather and construction conditions.*

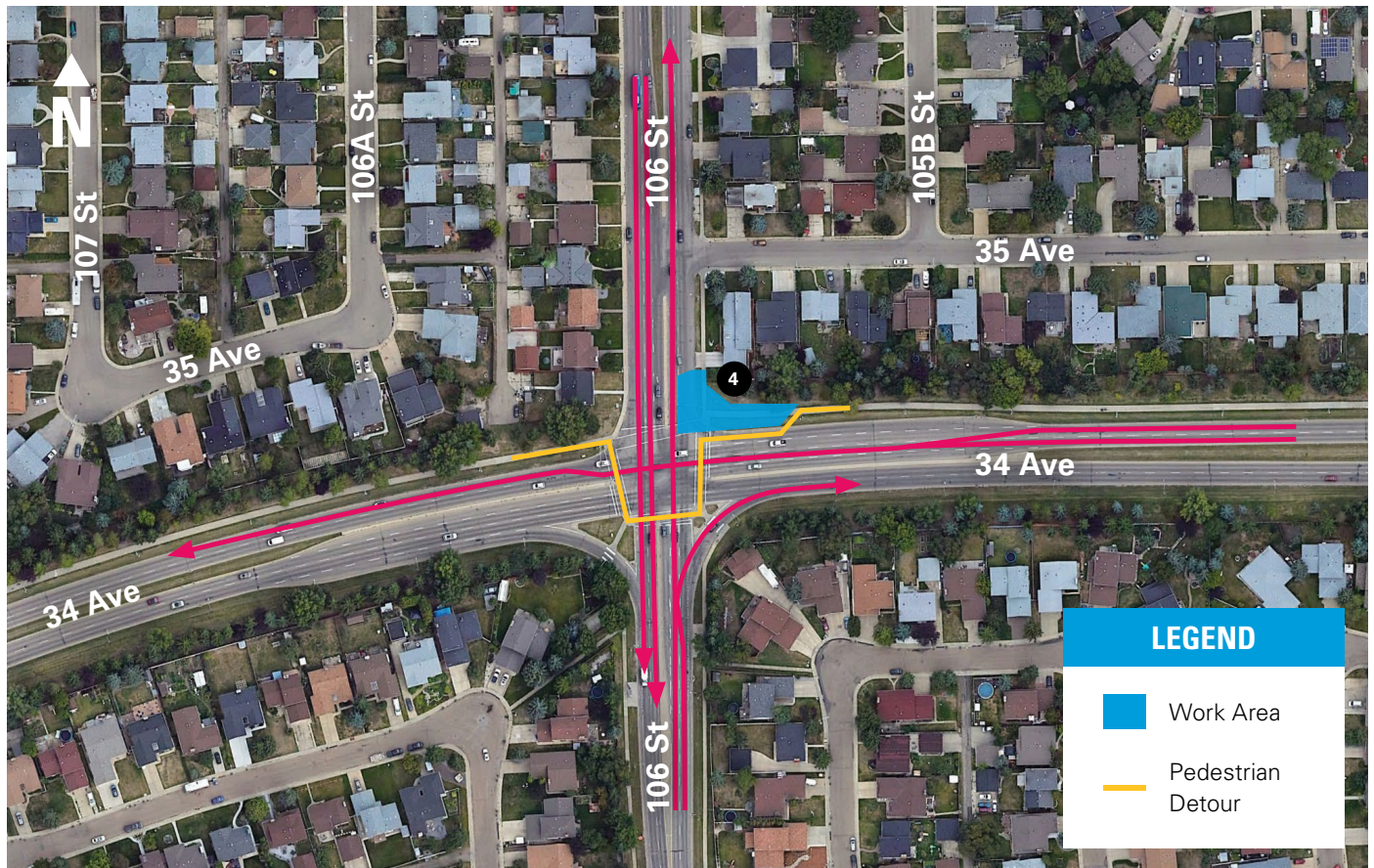


IMPACTS

- A portion of the green space on the southeast corner of 111 Street and 34 Avenue will be utilized as a work area. The area will be fully fenced and secured.
- Trucks and equipment will access the worksite from 111 Street. Temporary lane closures may be in effect during these times.

MAP OF WORKSITE #4 NORTHBOUND ON 106 STREET AND NORTH OF 34 AVENUE

Construction is expected to begin on **May 12, 2023** and is anticipated to be completed by **Spring 2024**. *Timelines are estimates and may change based on weather and construction conditions.*



TRAFFIC IMPACTS

- One northbound lane on 106 Street from the intersection at 34 Avenue and heading north past the work area will be closed.
- The westbound curb lane on 34 Avenue at 106 Street will be closed. Right hand turns will be permitted at the intersection.
- Trucks and equipment will access the worksite from 34 Avenue. Temporary lane closures may be in effect.

MORE INFORMATION

EPCOR Drainage Services

Phone: (780) 509-8080

E-mail: epcordrainage@epcor.com

PEDESTRIAN IMPACTS

- The shared-use path at the northeast corner of the intersection at 34 Avenue and 106 Street will be closed. Pedestrians will be detoured south of the worksite.
- No crossing will be permitted across 106 Street on the north side of 34 Avenue. Pedestrians will be detoured to the south side of the intersection to cross.

Please note, impacts to the worksites may change based on City of Edmonton Traffic approvals.

SAFETY

The construction areas will 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 essential work for the community.