

CONSTRUCTION NOTICE

Duggan Tunnel Replacement Project

JANUARY 2024

PROJECT OVERVIEW

EPCOR is responsible for maintaining drainage infrastructure in Edmonton. As the infrastructure ages, it deteriorates. The current Duggan sanitary tunnel provides service to neighbourhoods in southwest Edmonton and has been identified for replacement. This will see construction of a new sanitary sewer tunnel to service neighbourhoods from Steinhauer up to Empire Park.

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. 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.

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.

The majority of the work is underground using a tunnel boring machine (TBM). However, there are 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

Construction will begin in Zone A southbound on 111 Street and Saddleback Road (Worksite #1B) in **late January 2024**. We anticipate that construction at this worksite will be completed by **mid-2025**. *Please note, timelines are estimates and may change based on work progress, material procurement, unforeseen delays, weather and construction conditions.*

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 9:00 a.m. to 5:00 p.m.**

SAFETY

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 construction sites and equipment.

We thank you for your patience and understanding as we perform this necessary work.

OVERALL PROJECT AREA



MAP OF WORKSITE #1B

Construction will begin southbound on 111 Street and Saddleback Road (Worksite #1B) in **late January 2024**. We anticipate that construction at this worksite will be completed by **mid-2025**. *Please note, timelines are estimates and may change based on work progress, material procurement, unforeseen delays, weather and construction conditions.*

Please note, Worksites #1A and #2 are currently active.



TRAFFIC IMPACTS (WORKSITE #1B)

- Two southbound lanes and the eastbound left turn lane on 111 Street will be closed near the work area. The right hand turn lane on 111 Street will remain open for southbound traffic. After approximately ten weeks, one southbound lane will be opened.
- No left hand turns will be permitted from southbound 111 Street onto eastbound 29A Avenue.

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

TRAFFIC IMPACTS ALREADY IN EFFECT (WORKSITE #1A)

- One northbound lane on 111 Street, north of Saddleback Road/29A Avenue is closed.
- The right hand turning lane from westbound 29A Avenue onto northbound 111 Street is closed. Vehicles are able to turn right onto the left northbound lane from the intersection.

OTHER IMPACTS IN EFFECT AT WORKSITES #1A AND #2

- The sidewalk on the east side of 111 Street north of 29A Avenue is closed. A temporary sidewalk has been constructed to the east of the existing sidewalk for pedestrian use.
- Bus stop #4582 has been relocated to north of the work area on the east side of 111 Street.
- A portion of the green space on the southeast corner of 111 Street and 34 Avenue is being utilized as a work area. The area is fully fenced and secured.

ACTIVE WORKSITES

The following worksites are currently underway.

Zone A: 111 Street from Saddleback Road/ 29A Avenue to 34 Avenue

- **Worksite #1A** – Westbound on 29A Avenue and east of 111 Street
 - Construction began in May 2023 with completion expected in summer 2025.
- **Worksite #2** – In the green space east of 111 Street and south of 34 Avenue
 - Construction began in April 2023 with completion expected in summer 2024.

Zone B: 34 Avenue from 111 Street to 106 Street

- **Worksite #3** – Eastbound on 34 Avenue, between 111 Street and 106 Street
 - Construction began in March 2023 with completion expected in summer 2024.
- **Worksite #4** – Northbound on 106 Street and north of 34 Avenue
 - Construction began in April 2023 with completion expected in summer 2024.

Zone C: 106 Street from 36A Avenue to 38 Avenue

- **Worksite #5** – Intersection of 106 Street and 36A Avenue
 - Construction began in May 2023 with completion expected in summer 2024.
- **Worksite #6** – Northbound on 106 Street and north of 36A Avenue
 - Construction began in May 2023 with completion expected in summer 2024.

MORE INFORMATION

EPCOR

Phone: 780-412-4200

E-mail: epcorprojects@epcor.com

Website: epcor.com/duggan

Zone D: 106 Street from 40 Avenue to Whitemud Drive

- **Worksite #7** – Intersection of 106 Street and 40 Avenue
 - Construction began in July 2023 with completion expected in fall 2024.
- **Worksite #8** – Southbound on 106 Street and south of 41 Avenue
 - Construction began in late August 2023 with completion expected in fall 2024.
- **Worksite #9** – Southbound on 106 Street and south of Whitemud Drive
 - Construction began in fall 2023 with completion expected in fall 2024.

Zone E: 106 Street and 45 Avenue to L.Y. Cairns

- **Worksite #11** – Intersection of 45 Avenue and 106 Street
 - Construction began in fall 2023 with completion expected in fall 2024.
- **Worksite #12** – 45 Avenue east of 106 Street
 - Construction began in fall 2023 with completion expected in winter 2024/2025.

FUTURE WORKSITES

The following locations will be used as future tunneling worksites.

More information, including traffic impacts and timelines, will be shared with residents adjacent to the work areas in a construction notice prior to work starting

Zone D: 106 Street from 40 Avenue to Whitemud Drive

- **Worksite #10** – Northbound on 106 Street and south of Whitemud Drive
 - Construction is anticipated to begin in spring 2024 with completion expected in fall 2024.

Zone E: 106 Street and 45 Avenue to L.Y. Cairns

- **Worksite #13** – 104A Street north of 45 Avenue
 - Construction is anticipated to start in spring 2024 with completion in winter 2024/2025.

Timelines are estimates and may change based on work progress, material procurement, unforeseen delays, weather and construction conditions.

Please note, impacts may change based on City of Edmonton Traffic approvals. Restoration and additional minor works to connect the new system will occur in late 2024 through mid-2025.