CONSTRUCTION NOTICE

Duggan Tunnel Replacement Project

AUGUST 2022

PROJECT OVERVIEW

EPCOR is responsible for the maintenance of the drainage infrastructure in Edmonton. As part of this project, a new sanitary sewer tunnel will be constructed to service neighbourhoods in southwest Edmonton.

This project is part of EPCOR's Corrosion and Odour Reduction Strategy (CORe) which was initiated in 2019. The strategy aims to prevent the formation of gas in the sewer system, control the release of air from the sewer system, and adapt the system using real-time monitoring technologies and improved inspection data.

With the completion of the new tunnel, the major cause of how odour is formed and how it is pushed out into the communities is expected to be notably diminished. This will result in significantly reduced sewer odour city-wide by 2031.

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

COMMUNITY IMPACT

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 for the TBM to be lowered underground to excavate, turn corners, and be removed when tunneling is complete.

The work will be done in sections with the sequencing and timing of the work yet to be determined. The project is anticipated to start in 2023 and is expected to be completed by 2025.

Please note: *These timelines are estimates and may change based on internal and external approvals.*

WHAT'S HAPPENING NOW

Hydrovac excavation is required to locate underground utilities throughout the Sweet Grass, Ermineskin, Steinhauer, Duggan and Rideau Park neighbourhoods. Holes will be excavated in these areas to identify potential conflicts to the alignment of the new tunnel. Prior to the work, utilities will be marked with paint and flags and residents/businesses may experience general noise from the hydrovac equipment.

SCHEDULE

Hydrovac work will take place at the locations outlined on the map **between mid-August and September 2022.** Each location is expected to **take three to five days** to complete before moving on to the next area. Temporary road and sidewalk closures may be necessary to facilitate the work.

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

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 necessary work.

PROJECT IMPACTS

Please note, further notification will be provided before work begins and will include details of traffic impacts, timelines and schedule when possible.

Traffic

Depending on the work location, residents and businesses can expect to see activity that is typical to construction, including company/contractor vehicles and equipment.

Road/lane and sidewalk closures should be anticipated. Signage will indicate closures and detours along with parking restrictions.

We will work with the City of Edmonton to relocate bus stops as needed.

Construction vehicles and tandem dump trucks used for hauling along roadways in work areas.

Outages

Depending on your location along the route you may experience a water outage during the course of the planned construction work. If we have to shut off the water main temporarily during construction, you will receive written notice at least 24 hours in advance. Water service will typically resume within eight hours.

If we need to shut off your water during construction for longer than eight hours, we will provide you with a temporary above ground water supply. There will be no consumption charge for water provided through the temporary line. You will only pay the monthly basic charge for water supply and any water consumption provided by regular metering service.

Noise

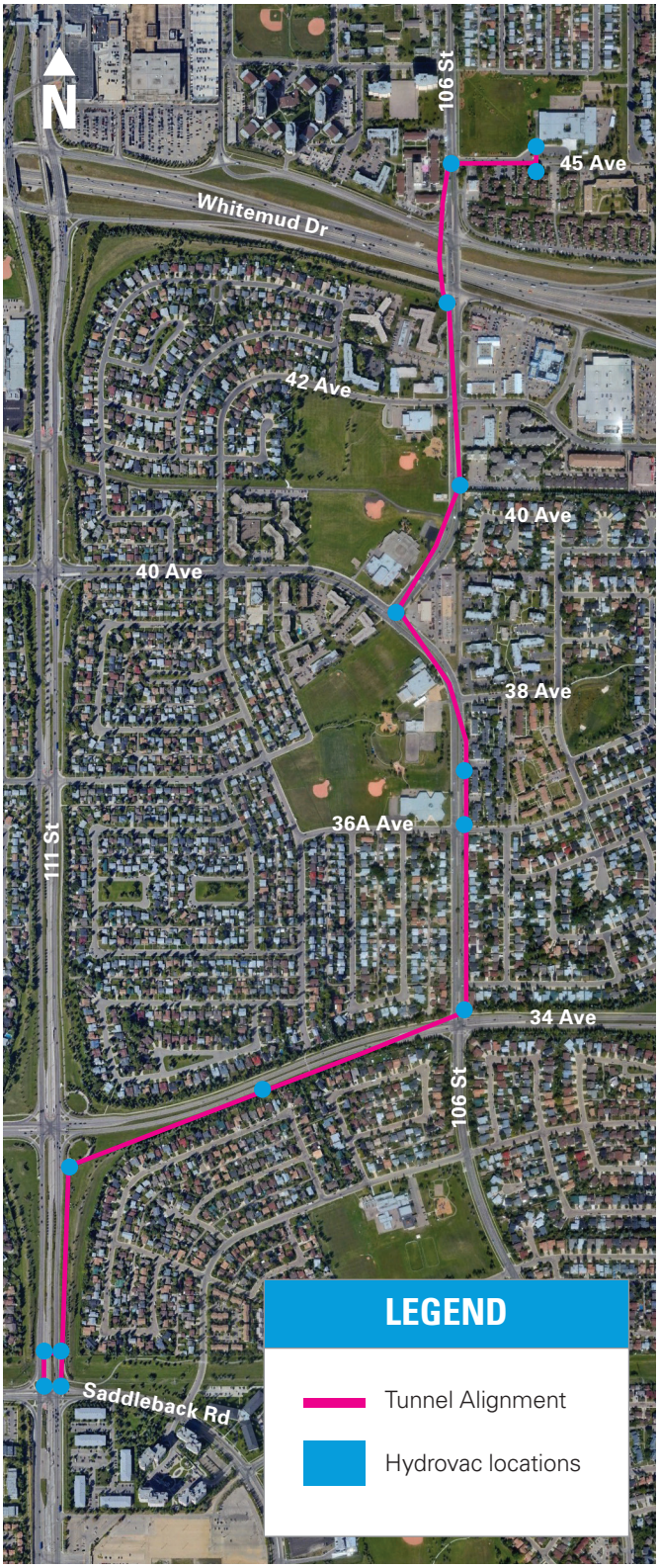
Work will create typical noise associated with construction. We will take measures to ensure compliance with the City of Edmonton's Community Standards Bylaw for Noise Control.

Work outside the noise bylaw hours may occur. More information will be distributed as if noise will occur outside bylaw hours.

Laydown Areas

Laydown areas for material storage are required for this project. Material will be transported to and from these areas for the duration of the construction activities. The laydown areas will be determined at a later date.

MAP OF HYDROVAC LOCATIONS



MORE INFORMATION

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