

PROJECT UPDATE

Ottewell Flood Mitigation Project

FEBRUARY 2024

PROJECT OVERVIEW

Across Edmonton, EPCOR is working to reduce neighbourhood flooding. The Ottewell Flood Mitigation project will reduce the risk of flooding in Ottewell and area neighbourhoods.

Ottewell is primarily serviced with a mix of combined sanitary and storm lines. There is no stormwater management facility in the neighbourhood, and the current overland or surface drainage system is not effective. There are several areas in this neighbourhood where water can pool during intense rainfall events, which puts the Ottewell community at a higher risk of flooding.

To reduce the flood risk, EPCOR will be constructing a dry pond in Ottewell Park and installing/upgrading various storm infrastructure throughout the neighbourhood.

This project is part of EPCOR's Stormwater Integrated Resource Plan (SIRP) which aims to reduce the risk of flooding in Edmonton neighbourhoods and is funded in part by the Government of Canada's Disaster Mitigation and Adaptation Fund (DMAF).

Dry ponds are stormwater management facilities that are dry the vast majority of the time. These facilities are designed to temporarily hold stormwater when the drainage system cannot, and help prevent flooding of roads, properties and sewer backups in basements.

During severe storm events, dry ponds act as storage facilities and help protect local homes and businesses. The stormwater then drains from

JOIN US FOR A PUBLIC INFORMATION SESSION

EPCOR is hosting a public information session to introduce the project to the community:

Date: February 22, 2024

Time: 6:00 PM to 8:00 PM

Location: Ottewell School (9435 73 St NW, Edmonton, AB T6B 2A9)

the dry ponds into the downstream system when there is capacity.

The project also includes the installation of Low Impact Development (LID) at two locations. LID facilities are landscaped features with both above and underground components. LID facilities reduce the volume, and slow the flow, of stormwater that enters the sewer system during and after a rainfall event. They achieve this by allowing rainfall to enter the ground and be filtered by soil so the stormwater is not all going directly into the underground system and overwhelming it.

PROJECT SCHEDULE

The project will be completed in two parts:

- **Storm sewer construction** beginning in **late February 2024**
- **Dry pond construction** beginning in **2025**.

The storm sewer construction will be completed in phases. More detailed information will be

provided to residents before construction begins in each area, which will include details of traffic accommodations, construction impacts, and timelines where possible.

The overall project is expected to be completed in **Q4 2025**. EPCOR is completing this work in advance of the City of Edmonton’s Neighbourhood Renewal work.

Restorations will be completed following construction, as weather permits.

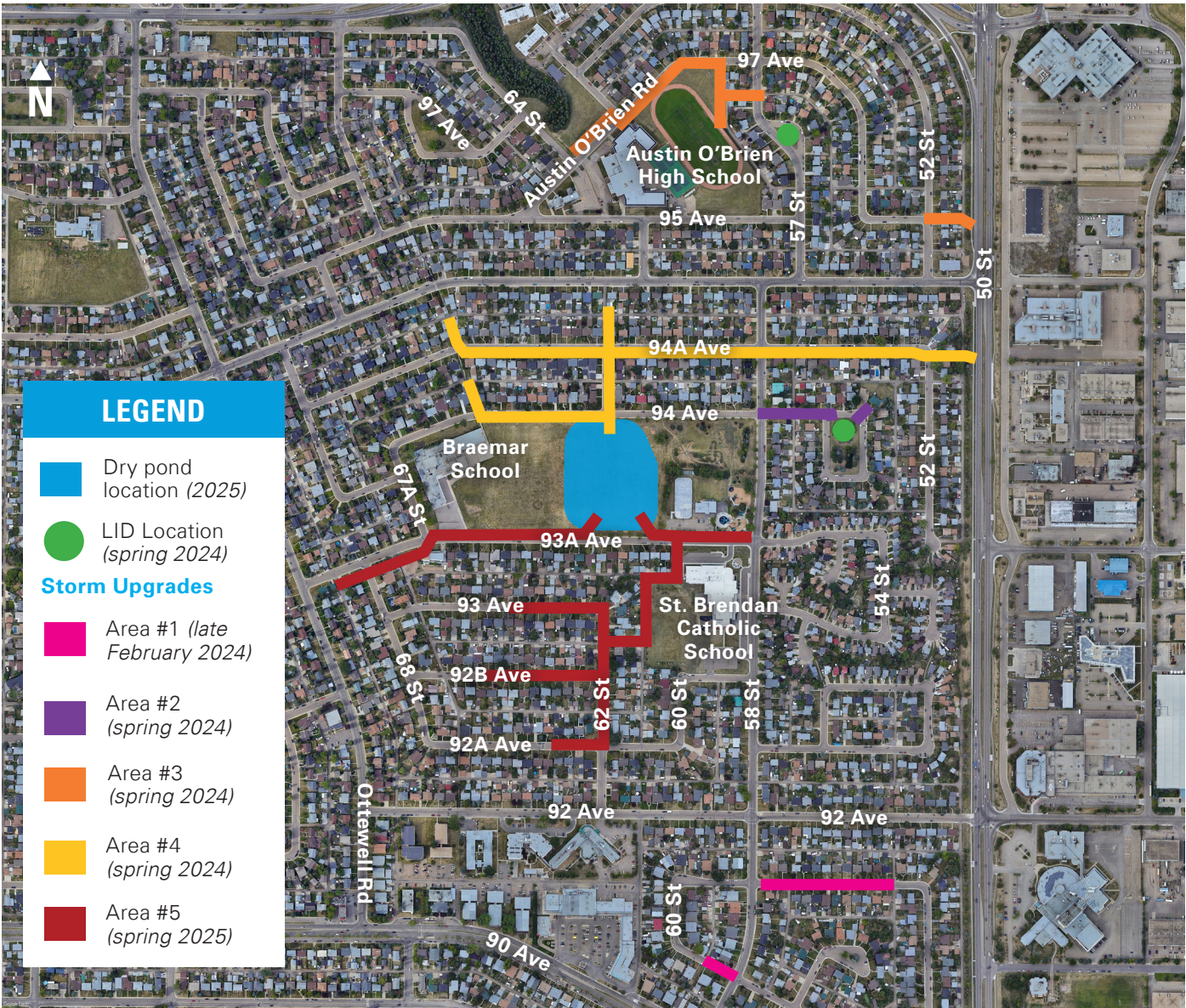
Please note: These timelines are estimates pending internal approvals, permitting, contractor procurement/availability, construction conditions and weather.

Tree Trimming, Removal and Replacement

To prepare for construction, trees and vegetation that conflict with the work areas will be tagged prior to removal/trimming. EPCOR is working with the City of Edmonton Urban Forestry department and removal/trimming will only be done where absolutely necessary. Notice of tree removals will be provided in advance.

Once construction is complete, the City of Edmonton Urban Forestry department will determine the number of trees to be replaced and the replacement locations.

OVERALL PROJECT MAP



Utility Relocations

In order to complete the new sewer and dry pond construction, some existing utilities may need to be moved. Utility relocations will be completed prior to construction beginning and additional information will be provided to affected residences.

WHAT TO EXPECT ON SITE

You may see some of the following work activities in your area.

Open-Trench Construction/Excavation

Open-trench construction is a method in which the surface area is excavated to install new infrastructure. A significant portion of the work for this project will include this type of construction to install the new drainage infrastructure.

Open-trench construction requires a large area to accommodate trenching; therefore, impacts usually include road and/or sidewalk closures. Due to the amount of material and equipment required, there is often a laydown area that needs to be incorporated onto the site, which may cause a large portion of a road and/or sidewalk to be closed, or disrupt a greenspace area that is normally be used for public recreation.

PROJECT IMPACTS

Green Space Closure

- The worksite for the dry pond at Braemar School will use a significant portion of the sports field and will be closed to the public during construction.
- A portion of the sports field may be used as a laydown area to accommodate the storm sewer construction.

Noise

- Work will create typical noise associated with construction.
- We will comply with the City of Edmonton's Community Standards Bylaw for Noise Control.

Traffic

- Road/lane and sidewalk closures are anticipated.



Signage will indicate closures and detours along with parking restrictions.

- Construction vehicles and tandem dump trucks used for hauling will access work areas through local roadways.

Parking

- Vehicles related to the construction may be parked on the road near the construction sites. No parking signs may also be placed in certain areas.

Visual Impacts

- Depending on the work location, residents and businesses can expect to see activity that is typical to construction, including company/contractor vehicles and equipment.
- The contractor may use a combination of excavators, loaders, skid steers, cranes, and tandem trucks, as well as other equipment.

Further notification will be provided before work begins and include details of traffic impacts, timelines and schedules when possible.

BOOK A FREE FLOOD PREVENTION INSPECTION

Drainage systems in many Edmonton neighbourhoods are being improved to reduce the risk of flooding. Maintaining good drainage on your residential property is an important part of the flood prevention equation.

EPCOR can help you minimize the risk of flooding on your property from a heavy rain fall event. Book a free inspection with one of our flood prevention advisors to help identify individual property risks and recommendations to mitigate those risks. A subsidy for a backwater valve, which helps to protect your home from a sewer line back up, is also available.



Book online!

Book a free flood prevention inspection with one of our advisors online.

Contact us at **floodprevention@epcor.com** or visit **epcor.com/floodprevention** to learn more.

SAFETY

The work areas will be barricaded and marked as a restricted areas. We will take every precaution to ensure public safety. Please keep a safe distance from the equipment.

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

OTHER WORK IN THE AREA

City of Edmonton Building Great Neighbourhoods – Neighbourhood Renewal

To reduce the impacts to the community, EPCOR will be coordinating construction with the City of Edmonton's Neighbourhood Renewal construction. The City's construction is currently underway to rehabilitate residential roads, replace street lights, sidewalks, curbs and gutters and add missing sidewalk links where possible.

Any inquiries about neighbourhood renewal can be directed to City of Edmonton by calling 311 or emailing BuildingGreatNeighbourhoods@edmonton.ca.

MORE INFORMATION

EPCOR Water Services

Phone: (780) 412-4200

E-mail: epcorprojects@epcor.com

This project is funded in part by the Government of Canada.

