



Integrated Infrastructure Services

Infrastructure Delivery

Edmonton

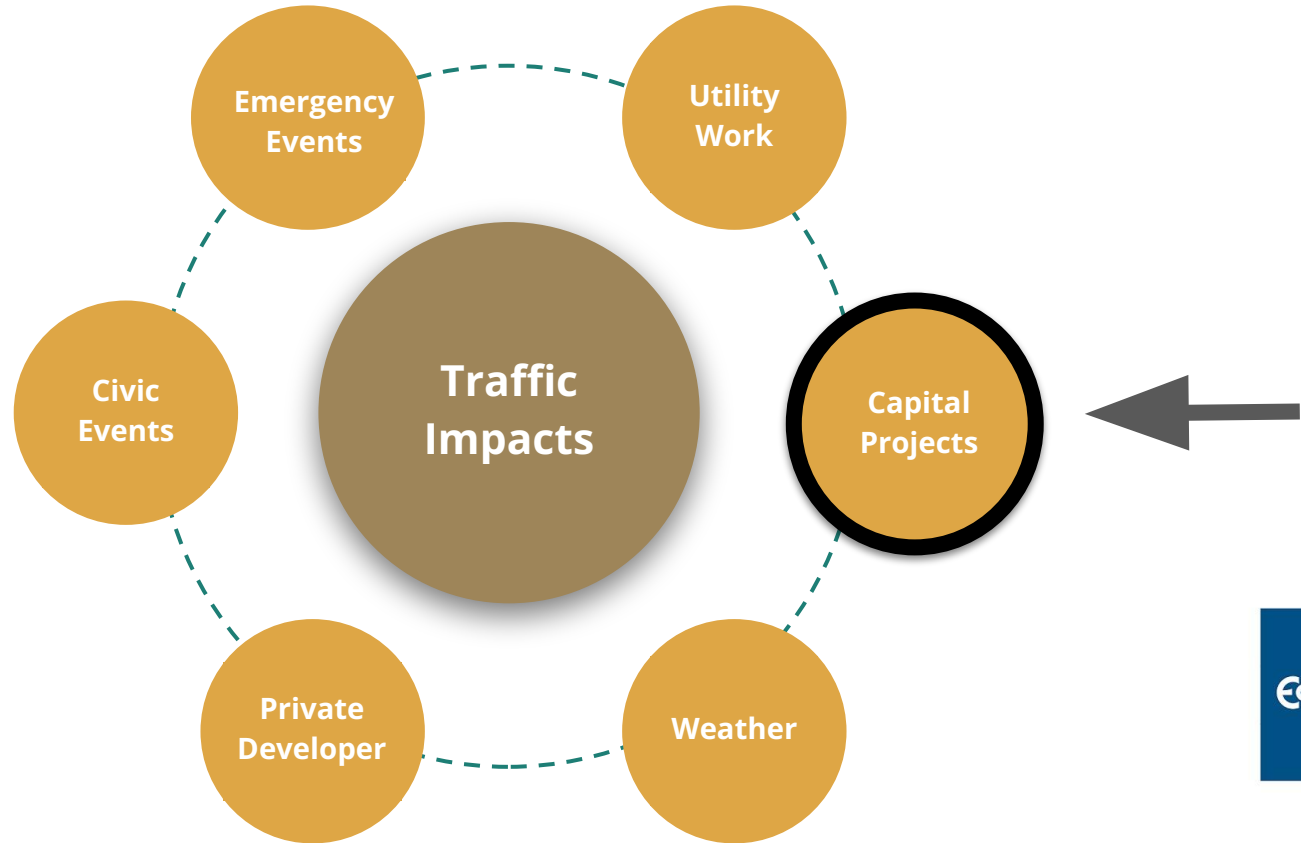
IIS Capital Projects

Verbal Report

Special Infrastructure Committee
June 25, 2025

IIS03087

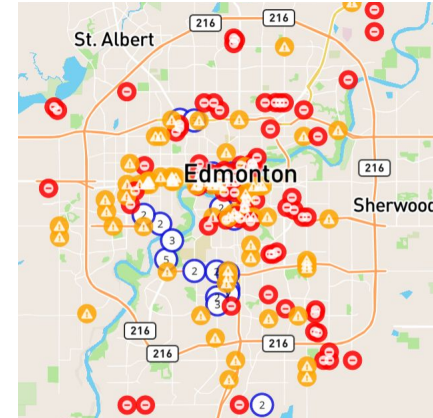
Traffic Impacts



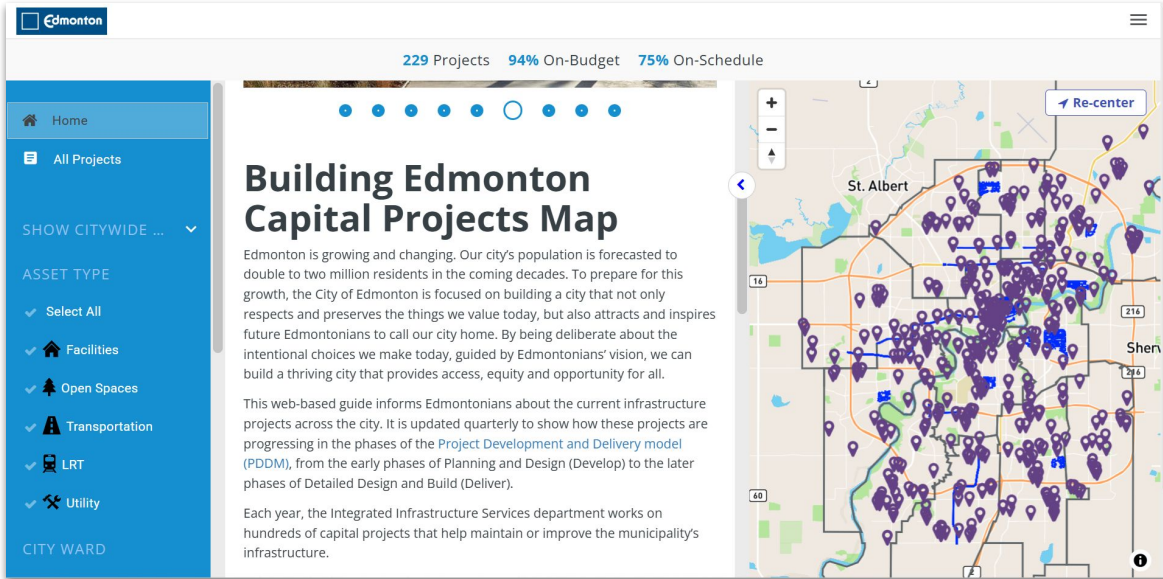
Traffic Impacts

On-Street Construction and Maintenance (OSCAM) permit process allows for the safe and efficient use of road space

- On average, over **10,000 OSCAM permits are issued annually**
- OSCAM permit reviews consider:
 - a. Potential construction/event conflicts
 - b. Impacts to public transit and emergency services
 - c. Equitable accommodation of all travel modes
 - d. Mitigative measures
- Traffic Disruption Map provides traffic impact information to the public



Building Edmonton






Building Edmonton is an interactive tool that provides information on all City of Edmonton infrastructure projects. Users can find project details such as project description, current status, budget status and project manager contact information.

Building Edmonton

Terwillegar Drive Expressway Upgrades - Stage 2 (Terwillegar Drive/Whitemud Drive interchange, Whitemud Drive and Rainbow Valley

 [Project Website](#)

-  Budget - The project is currently on budget.
-  Schedule - The project is currently on schedule.
-  Scope - The project is within the scope approved in the project charter.

Description:

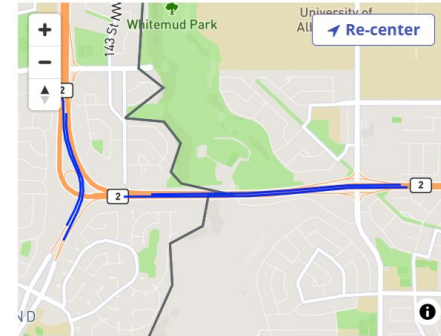
This project includes upgrades to Terwillegar Drive/Whitemud Drive interchange, widening and upgrades to the Rainbow Valley Bridges, and widening of Whitemud Drive. Transit priority measures connecting the planned dedicated bus lanes on Terwillegar Drive to South Campus LRT station are also under consideration as part of this project.

Latest Update:

Work is ongoing on the Terwillegar Drive Stage 2 project and is anticipated to be completed in 2026. Traffic operations will continue to operate with 2 lanes in each direction at a reduced operating speed.

Contact Information:

Contact: Ryan Drummond
Email: Ryan.Drummond@Edmonton.Ca
Phone: 780-691-3388



Project Selection Criteria

This update includes projects across various asset types:



LRT



**Neighbourhoods
& Open Spaces**



Facilities



Transportation

Key Filters

- Projects in Construction Phase
- Significant Public Interest
- High Traffic / Community Impacts
- Downtown Core / Access
- Significant Investment

Valley Line West






Stony Plain Road and 124 Street

14-kilometre LRT extension from 102 Street downtown to Lewis Farms.

Accelerated roadwork and trackwork will reduce the overall duration of traffic restrictions by more than half.

Many of the roads will be in their final configuration in 2025.

Budget	Schedule	Scope
		

Budget: \$2.6 billion

Schedule: 2021 - 2028




Capital Line South



Piling at 23 Ave/111 Street (looking north)

This 4.5-kilometre LRT extension will provide a more sustainable mobility option for some of the fastest growing areas in the city.

The first year of major construction is underway along 111 Street.

Budget	Schedule	Scope
		




Budget: \$1.38 billion

Schedule: 2025 - 2029

Warehouse Park



Now in the second year of construction, this new downtown park is designed for all ages and abilities and includes space to play, be active, relax and gather with friends and neighbours.

Budget	Schedule	Scope
		

Budget: \$46.1 million

Schedule: 2024 - 2025

132 Avenue Renewal



Transforming 132 Avenue into a safe and efficient corridor for all forms of travel, this project will add 14 kilometres of active transportation lanes to Edmonton's network.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$95.8M

Schedule: 2023 - 2027

Active Transportation Implementation Acceleration



Creating routes that are safe, accessible and predictable for people of all ages and abilities, new active transportation routes offer choice in how residents move around the city.

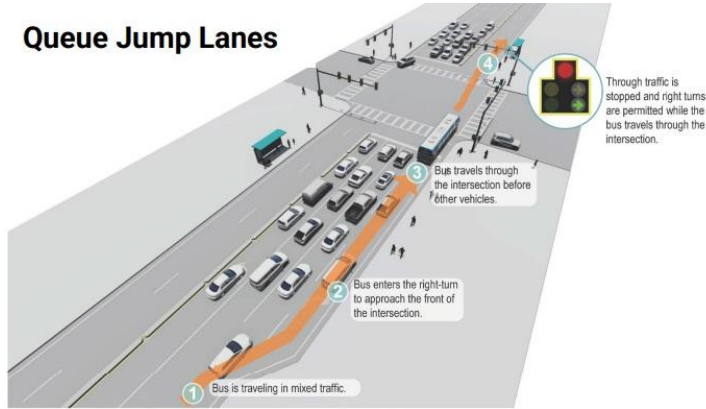
Budget	Schedule	Scope
✓	✓	✓

Budget: \$100 million

Schedule: Winter 2023 - Fall 2026

Transit Priority Measures

Queue Jump Lanes



Transit priority measures enhance the efficiency and reliability of public transportation.

Adjustments include prioritising buses at traffic signals, dedicated lanes, intersection modifications, and changes to pavement markings or signs.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$7.1 million

Schedule: Summer 2025 - Fall 2026

Yellowhead Trail Freeway



Yellowhead Trail is becoming a freeway with three lanes of free-flowing traffic in each direction. The Yellowhead Trail Freeway Conversion Program is being implemented through a combination of large and small projects.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$1.1billion

Schedule: 2018 - 2028

Terwillegar Drive



Terwillegar Drive is expanding its transportation capacity. To accommodate area growth, a three-stage plan is in place to alleviate congestion and provide all users including active mode and transit users with a safe and efficient route.

Budget	Schedule	Scope
✓	✓	✓




Budget: \$266 million (combined)

Schedule: 2023 - 2028

Lewis Farms Facility and Park Project



The Lewis Farms Facility and Park Project will be a west-end community hub serving the recreational, sport, leisure and outdoor park space needs of 75,000 area residents.

Budget	Schedule	Scope
		

Budget: \$310.6 million

Schedule: Spring 2023 - Fall 2028

Coronation Park Sports and Recreation Centre and Peter Hemingway Aquatic Centre



Coronation Park Sports and Recreation Centre will have an above-ground connection to Peter Hemingway Aquatic Centre, integrating Peter Hemingway's 50-metre swimming pool into a facility with a cycling track and a running track. This integration makes this facility the first indoor triathlon training centre in North America to support year-round training and events.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$202 million (combined)

Schedule: Spring 2022 - Summer 2026

William Hawrelak Park Rehabilitation



Now in the third and final year of construction, the William Hawrelak Park Rehabilitation Project addresses aging park infrastructure and future demands of this beloved park.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$130.3 million

Schedule: Spring 2023 - Fall 2025 (Dec)

Imagine Jasper Avenue



This project will enhance Jasper Avenue with streetscaping and upgrades, improving pedestrian safety and addressing deteriorating road conditions, offering a safer route for walkers, cyclists and rollers.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$51 million

Schedule: Spring 2025 - Fall 2027

50 Street over Whitemud Drive Bridge



This rehabilitation includes bridge deck renewal, upgraded pedestrian and traffic barriers, and intersection paving, ensuring a safe, reliable crossing for motorists, cyclists and pedestrians.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$7.7 million

Schedule: Spring 2025 - Fall 2025

Low Level Bridge (Southbound)



The Low Level Bridge Southbound provides an integral river crossing connection for over 37,000 vehicles daily, including approximately 500 ETS buses.

The bridge requires rehabilitation as it approaches the end of its service life.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$4.7 million

Schedule: Summer 2025 - Winter 2025

Dawson Bridge



Dawson Bridge will undergo emergent rehabilitation work to strengthen the bridge piers.

The bridge was originally built in 1912 to carry electric trains to a coal mine on the east bank of the North Saskatchewan River and was later converted to carry vehicles.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$7.26 million

Schedule: Summer 2025 - Winter 2025

Wellington Bridge



Wellington Bridge has reached the end of its service life and needs to be replaced. The Wellington Bridge was originally constructed in 1932 and serves as a major crossing between Edmonton's city centre and communities to the west.

Budget	Schedule	Scope
✓	✓	✓

Budget: \$30.1 million

Schedule: Summer 2025 - Fall 2026

Communication

Communicating Construction

We proactively inform Edmontonians throughout the construction season to build understanding and awareness of City infrastructure projects.

Key Communication Tools:

- **Media Events:** Construction kickoff and wrap-up events, specific project milestone events, "behind the scenes" site tours.
- **Ongoing Updates:** Building Edmonton and project website updates, email newsletters, mailed bulletins, site signage, subscriber emails, 311 and social media updates.



Thank you.

Questions?

Integrated Infrastructure Services

Edmonton