

Edmonton Transit Service

Edmonton

CO01885 Metro Line to Blatchford Operating Options

Executive Committee - September 20, 2023

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Metro Line Northwest LRT - NAIT to Blatchford

Context and Background



Phase one of the Metro Line Northwest LRT corridor (NAIT to Campbell Road)
1.6 KM extension



Two new LRT stations:

1. New permanent NAIT station
2. Blatchford Gate station



Supports **transit access** for residents in Blatchford and surrounding areas

Advances **mode shift and energy transition** goals



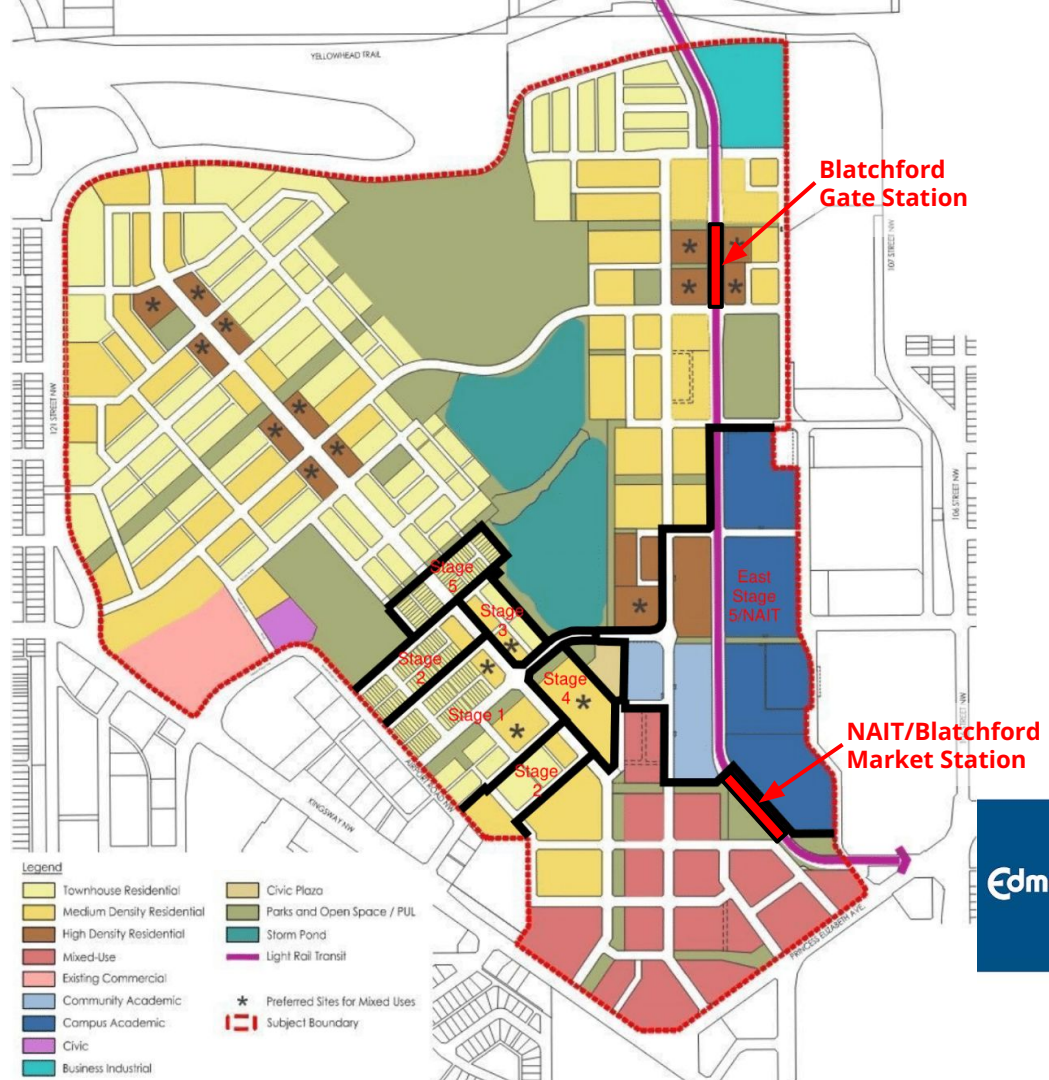
Construction started in 2020 and will be **completed by end of 2023**



Criteria for service provision set out in C539A - Transit Service Policy

Blatchford Development

- Stages of Blatchford development
- NAIT servicing
- Future servicing



Metro Line to Blatchford Operating Options

Scenario 1: Operate the full Metro Line extension to Blatchford Gate Station



Key Benefits

- 01 Greater LRT access for industrial and residential neighbourhoods
- 02 Meeting commitments on major infrastructure projects
- 03 One-year warranty period for infrastructure and equipment



Key Trade-offs

- 01 Does not align with C539A Transit Service Policy
- 02 Projected low ridership
- 03 Elevated risk of inappropriate station use due to lower activity

Metro Line to Blatchford Operating Options

Scenario 2: Defer opening Blatchford Gate Station



Key Benefits

- 01 Better alignment with C539A Transit Service Policy
- 02 Lower operating costs
- 03 Reduce risk of inappropriate use of Blatchford Gate station



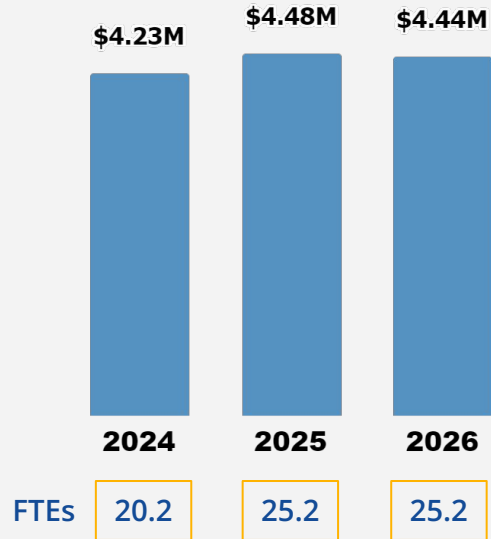
Key Trade-offs

- 01 Removes opportunity to test station infrastructure and equipment during one-year warranty period (this may be offset by cost reductions)

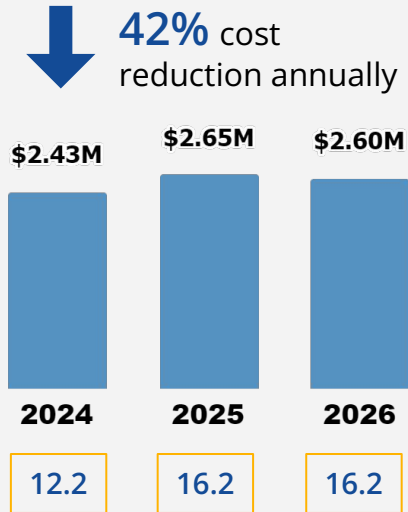
Budget Implications

Net Operating Requirements

Scenario 1: Operate full Metro Line extension to Blatchford Gate station



Scenario 2: Defer opening Blatchford Gate station



Factors that would support opening the full extension will be regularly assessed:

- No. residents
- No. employees
- GHG emission impact
- Partnerships

Thank you. Questions?

Blatchford Gate Station



2022 Air Photo



Blatchford
Gate Station



NAIT Station



