



Edmonton

# Integrated Infrastructure Services

## 2025 CEA Industry Session

January 2025

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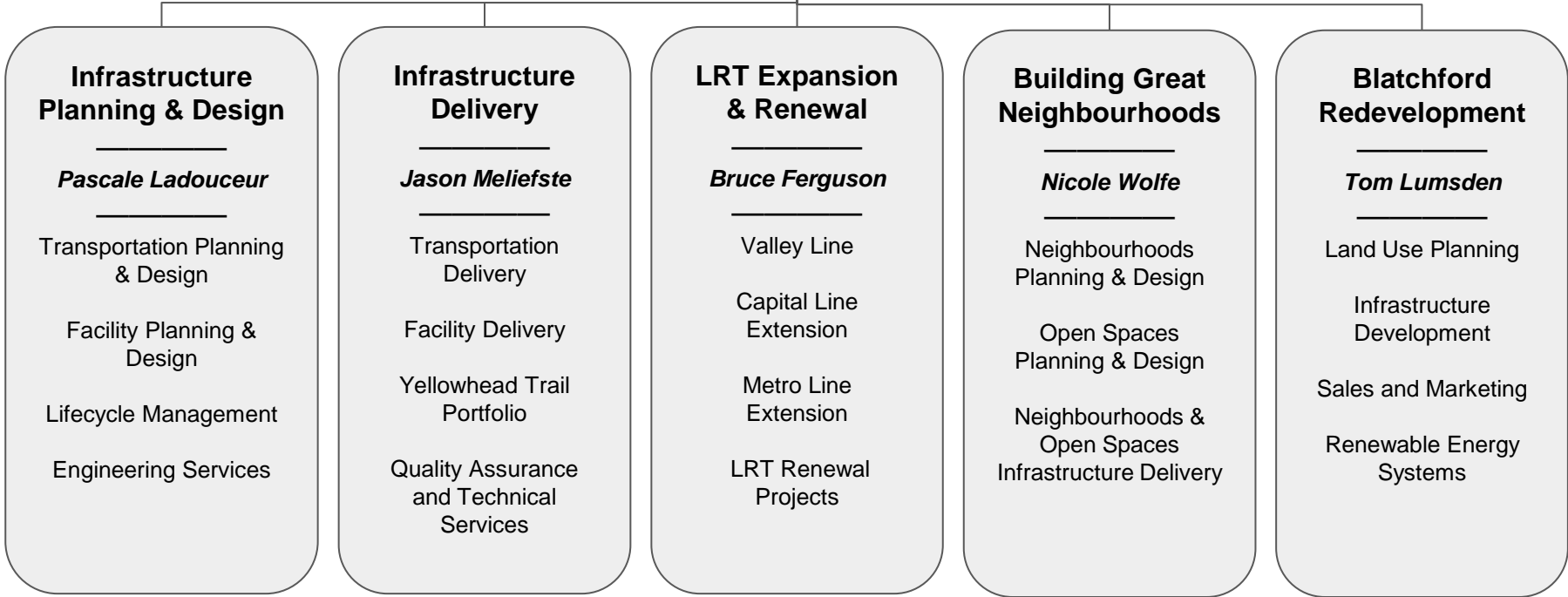
# *Welcome*

The logo for the city of Edmonton, featuring the word "Edmonton" in white text on a blue square background. The background of the slide is a dark blue gradient with a faint, semi-transparent image of a modern cable-stayed bridge and a snowy landscape with trees.

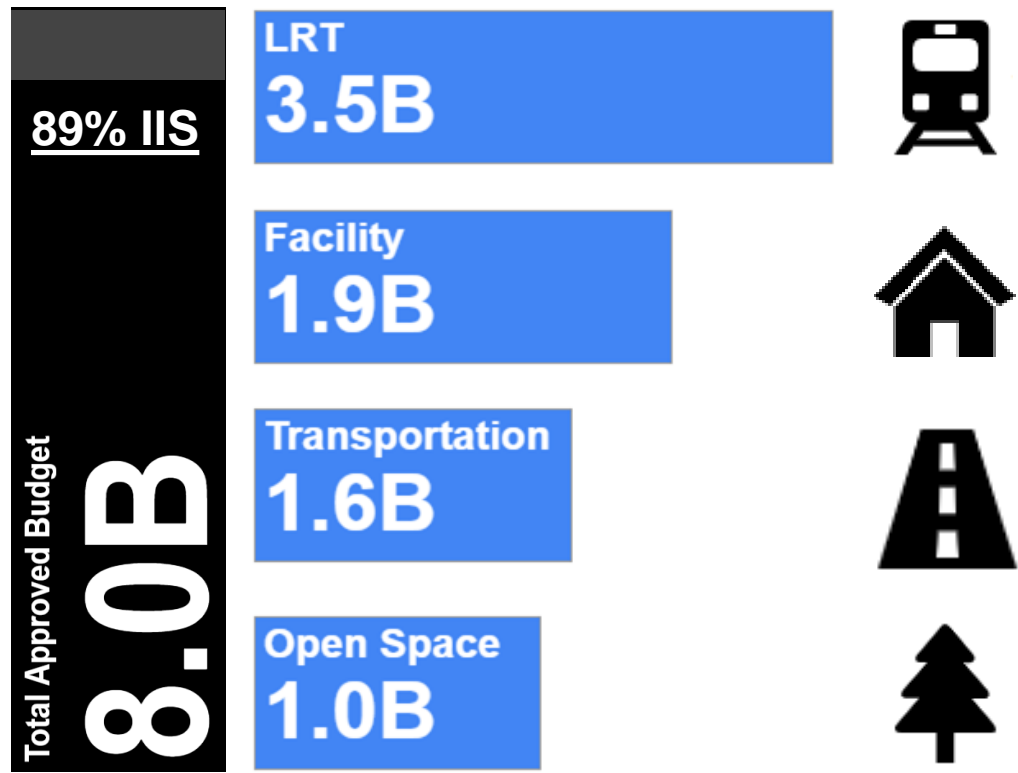
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# Integrated Infrastructure Services - Department Structure

**Deputy City Manager**  
*Craig Walbaum*



# 2023 - 2026 Capital Budget - (2024 update)



# Current Active Projects - Q3 2024

Projects

221

On Budget

93%

On Time

80%

Kennedale Transfer Station  
Structural Rehabilitation



Charles Simmons Park



103A Avenue Pedway Project



Coronation Park Sports and  
Recreation Centre

# Current Active Projects By Asset Type - Q3 2024

Facility

77

Open Space

45

William Hawrelak Park Rehabilitation Project



LRT

8

Transportation

91

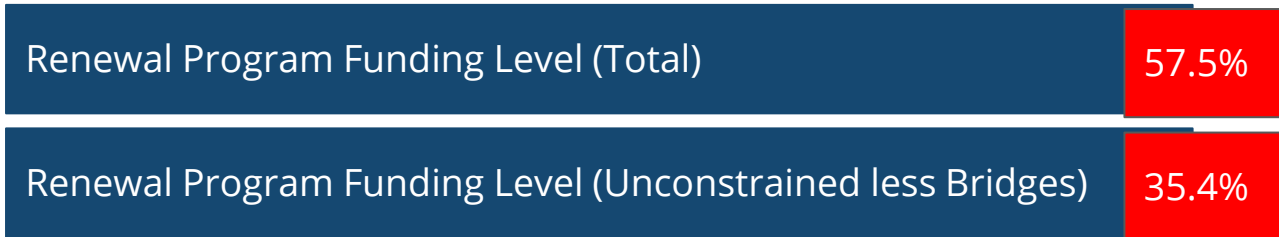


Yellowhead Trail

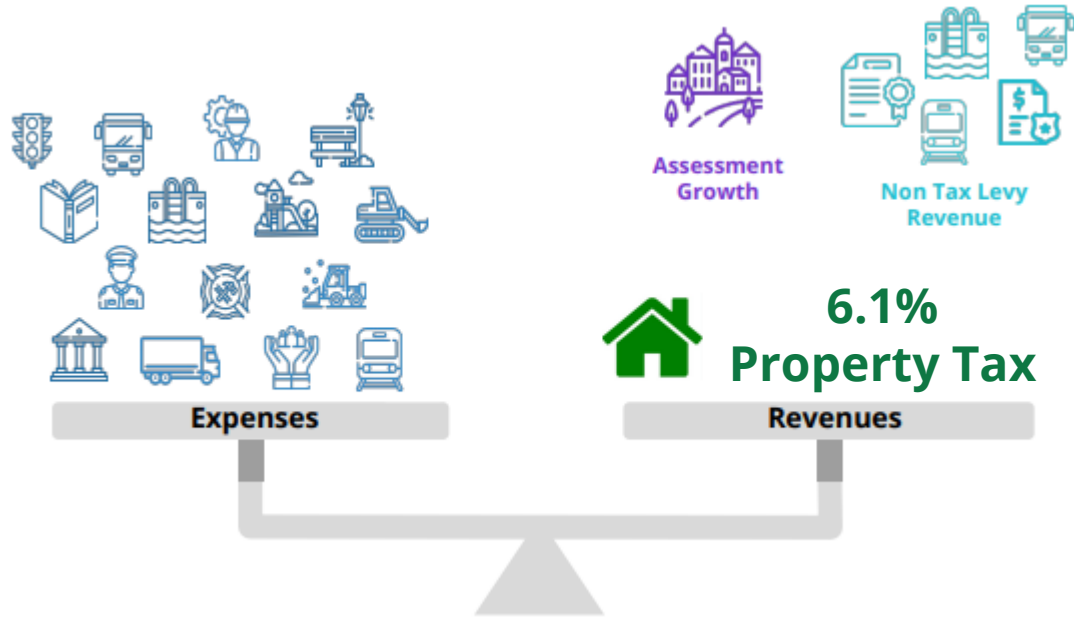
## Renewal - Funding Levels

Original Approved 2023 - 2026 Capital Budget

- Ideal renewal investment - \$3.58 billion
- Approved renewal budget - \$1.95 billion

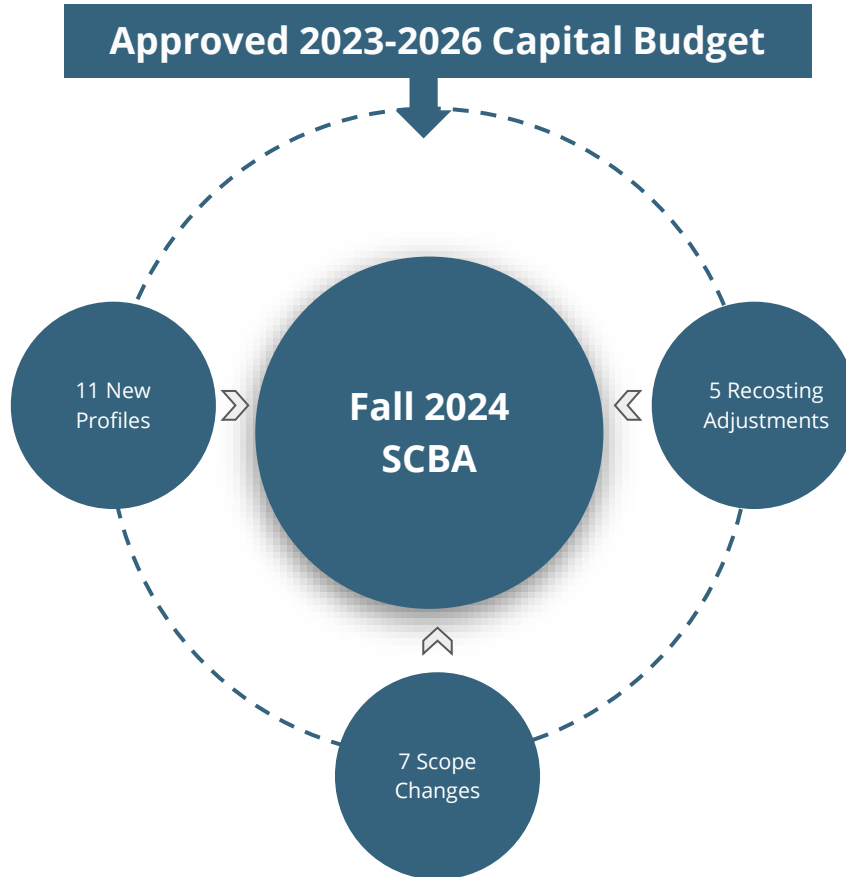


# 2024 Fall Budget Adjustment Outcomes





# 2024 Fall Budget Adjustment Outcomes



## Key takeaways (non-exhaustive)

- Yellowhead Trail Freeway Conversation Program
- Neighbourhood Renewal
- Dedicated Renewal Fund

# *Transportation*

Planning & Design Questions:  
**Natalie Lazurko**

**Director, Transportation Planning and Design**  
natalie.lazurko@edmonton.ca

Delivery Questions:  
**Sam El Mohtar**

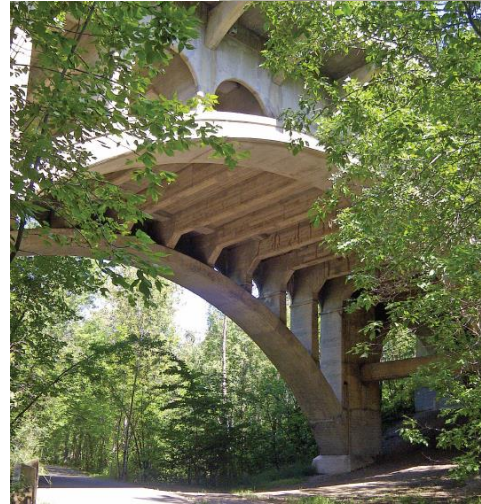
**Director, Transportation Infrastructure Delivery**  
sam.elmohtar@edmonton.ca

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# 2024 Highlights

## Planning & Design

- Imagine Jasper Avenue Streetscape - 114 Street to 124 Street
- Beverly Bridge Rehabilitation
- Wellington Bridge Replacement
- 2024 Active Transportation Network Expansion
- Terwillegar Drive Expansion
- 18 Street over Horsehills Creek Bridge Replacement



# 2025 and Beyond - Upcoming Opportunities

## Planning and Design

- Bridge rehabilitations
  - 178 Street and 99 Street over Whitemud Drive
  - Mackenzie Ravine Boardwalk and Stairs
- Condition assessments
  - 156 Street over Whitemud Drive
  - Ellerslie Road at 142 Street (Whitemud Creek)
  - Mackinnon Ravine Bridge
  - Mackenzie Ravine Bridge

# 2025 and Beyond - Upcoming Opportunities

## Planning and Design

- Jasper Avenue New Vision Phase 3
- Active Transportation Network Expansion
- Chinatown Infrastructure Renewal



# *Yellowhead Trail Freeway*

Presenter: **Kris Lima, Director, Yellowhead Trail Portfolio**

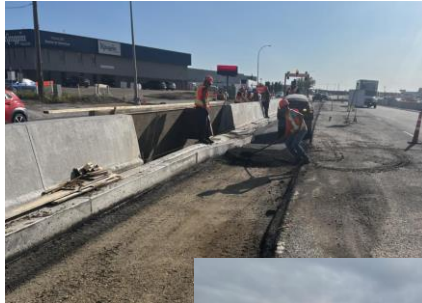
Questions: **Kris Lima, Director, Yellowhead Trail Portfolio**  
[kris.lima@edmonton.ca](mailto:kris.lima@edmonton.ca)

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# 2024 Highlights

## 156 Street to St. Albert Trail Progress Update

- Construction is substantially completed.
- Overhead signage will be installed throughout the winter 2024/2025
- Main corridor is fully operational with 3 travel lanes open in each direction (within the project limits)
- Dovercourt traffic-calming measures to completed in 2025

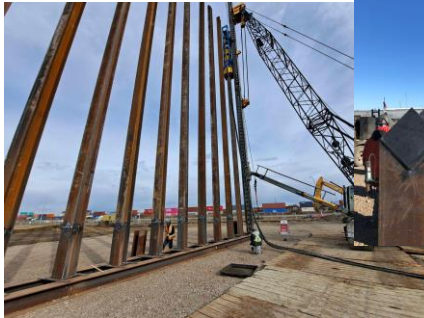


# 2024 Highlights and Upcoming Work

## St. Albert Trail to 97 Street

### Progress Update

- Installation of deep pile foundations for the 121 Street and 127 Street interchanges are completed.
- Majority of utility relocations (telecoms and water) are completed
- Installation of pile foundations for main retaining walls along Yellowhead Trail are underway. Piling operations will continue through the winter.
- Mining of airport runway and crushing operations commenced earlier this year. The recycled concrete will be used for road construction.
- Tunnelling for the 2 km long underground drainage trunk will begin shortly
- Construction: 2023 - 2028





# *Facilities*

Presenter: **Jesse James Banford** or **Susan Meunier**

Planning Questions:  
**Susan Meunier**

**Director**  
**Facility Planning & Design**  
susan.meunier@edmonton.ca

Delivery Questions:  
**Jesse James Banford, P.Eng., GSC, NCSO**

**Director**  
**Facility Infrastructure Delivery**  
jesse.banford@edmonton.ca

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## 2024 Highlights

**26** facilities have been brought into **Service**, with **\$332M** forecasted to be invested in **2024**

Project Breakdown:

8 Energy & Sustainability

7 Community, Recreation & Culture

5 Service Support

4 Fire Stations

2 Public Washrooms



Ortona Armoury Arts Centre

**36** projects are currently in the **Develop** phase, budgeted at over **\$64.7M**

**37** projects are currently in the **Delivery** phase, budgeted at over **\$1,086M**



Blatchford Fire Station

# 2025 and Beyond - Upcoming Opportunities

Roughly **50 projects** currently in early stages of development.

Includes:

- **Major Demolitions,**
- **Community, Recreation & Culture** Facility & Renewals
- **Eco Stations & Waste** Management Renewal & Upgrades,
- **Fire Stations** (2 Growth, 3 Renewal),
- **Energy & Sustainability** and other city building renewals

In addition: the Standing Arrangements for Architectural Small, Medium and Construction Management will be renewed in 2025



# 2025 and Beyond - Emerging Priorities/Projects

## Demolitions:

- Holyrood Demolition
- Spectrum Demolition
- St.Peter School Demolition
- Coliseum Demolition

## Community Recreation and Culture:

- Grand Trunk Hot Tub Replacement & OHS Improvements
- Hardisty Swimming Pools OH&S Improvements
- Meadows Community Recreation Centre Emergent Items
- Millwoods Recreation Centre Mechanical Room and OH&S Improvements
- Terwillegar Community Recreation Centre Whirlpool Filter
- John Janzen Nature Centre Water Infiltration
- Clareview Community Recreation Centre Waterslide Replacement & Access Controls

## Eco Stations & Waste Management:

- Ambleside Eco Station - West Egress
- Coronation Eco Station Expansion
- Edmonton Waste Management Centre Cure Site Pad B Upgrades
- EWMC Residential Transfer Station (RTS) Upgrade
- Material Recovery Facility - Tip Floor Remediation
- Material Recovery Facility Administration & Viewing Gallery Upgrades

## Fire Stations:

- Walker Fire Station
- Wellington Fire Station
- Fire Station 22 (Wihkwëntówin) Rehabilitation
- Fueling Infrastructure Replacement - Fire Service Center

## Other city building renewals & energy/sustainability projects:

- Mitchell and Ferrier Garage - Climate resilience upgrades
- Glengarry Roof Remediation
- Rossdale Power Plant - Turbine Hall Roof replacement
- Southeast Police Station Roofing
- Westwood Central Service Yard Rehabilitation
- Blatchford Energy Centre and Sewer Heat Exchange
- Borden Park PARS Facilities Rehabilitation

## Standing Arrangements:

- Architectural Small and Medium (New contract in 2025)
- Construction Management (New contract in 2025)



# Open Spaces

Presenter: **Suzanne Young**

Planning & Design Questions:  
**Suzanne Young**

**Director, Open Spaces Planning and Design**  
suzanne.young@edmonton.ca

Delivery Questions:  
**Steve Schmidt**

**Director, Neighbourhoods & Open Spaces Infrastructure Delivery**  
steve.schmidt@edmonton.ca

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# 2024 Highlights

## Planning & Design

- Mary Burlie Park Renewal
- Jan Reimer Park
- Edgemont Park and Windermere District Park
- Trail renewals, stairs, playgrounds & sports fields

## Delivery

- Warehouse Park
- Beaver Hills House/Michael Phair
- Playgrounds
- Trails
- Community and District parks
- Trees and Naturalization



# 2025 Program & Beyond

## Planning & Design

- School/Park Development  
(Windermere District Park, Laurel West, Glenridding Heights, River's Edge, Rosenthal, Pilot Sound District Park, Crystallina Nera East, Cavanagh, Hays Ridge)
- Queen Elizabeth Park Parking Lots/Road
- Commonwealth Stadium Artificial Turf
- Riverside Golf Course
- Rundle Park Ponds
- Playground renewals
- Trees, trees and more trees



# 2025 and Beyond - Upcoming Opportunities

## Delivery Tenders

- EWMC Water Supply & Distribution Upgrade
- Trail renewals, stairs, playgrounds & sports fields
- Trees, trees and more trees





# *Neighbourhoods*

Presenter: **Ryan Kirstiuk, Director**

Planning & Design Questions:  
**Ryan Kirstiuk**

**Director,**  
**Neighbourhoods Planning and Design**  
ryan.kirstiuk@edmonton.ca

Delivery Questions:  
**Steve Schmidt**

**Director,**  
**Neighbourhoods & Open Spaces Infrastructure Delivery**  
steve.schmidt@edmonton.ca

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# 2024 Highlights - Neighbourhoods and Open Spaces

## Infrastructure Delivery

### Active Projects - ~\$155M

- Eight Neighbourhood Reconstruction
- Six Alley Renewal
- 132 Avenue Collector Reconstruction



# 2024 Highlights - Neighbourhoods Planning & Design

## Program Highlights

- Seven projects completed Design Development
- Hosted 50+ engagement events
- Conversations with 1,300+ citizens
- Neighbourhood Renewal Report discussed at Council on November 26
- Funding for Neighbourhood Renewal program remained unchanged through Budget deliberations



*Dunluce Neighbourhood Renewal*

# 2025 Look Ahead - Neighbourhoods Planning & Design

## Major Neighbourhoods Standing Arrangement (MaNSA)

Anticipated 2025 Project Assignments:

- Q1 2024: 2 projects/bundles
- Q2/3 2024: 2 projects/bundles
- Project locations are being finalized



*Wihkwentowin Neighbourhood Renewal*

# *Blatchford*

Presenter: **Tom Lumsden, Development Manager**

Questions: **Tom Lumsden, Development Manager**  
[tom.lumsden@edmonton.ca](mailto:tom.lumsden@edmonton.ca)

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# 2024 Highlights

## Progress Update

- **Land development:** Over 40% of the site's developable land has either been constructed, is under construction or is in the planning & development stage
- **Land sales update:** The majority of the land ready for building development in first stages is either sold, has a sale agreement in place or has active builder interest
- **District Energy Sharing System expansion:** The utility continues to expand its infrastructure to support the homes and buildings.

## Grants

- **Natural Resources Canada:** Received \$23.7M for the expansion of Blatchford's district energy sharing system
- **Housing Accelerator Fund Grant:** a portion of the grant funding received by the City been allocated to Blatchford to support homebuilders' district energy sharing system costs



## 2025 and Beyond - Upcoming Projects/Opportunities



*Future linear park rendering*



*Ongoing land development and home construction*



*Control Tower before renovation*

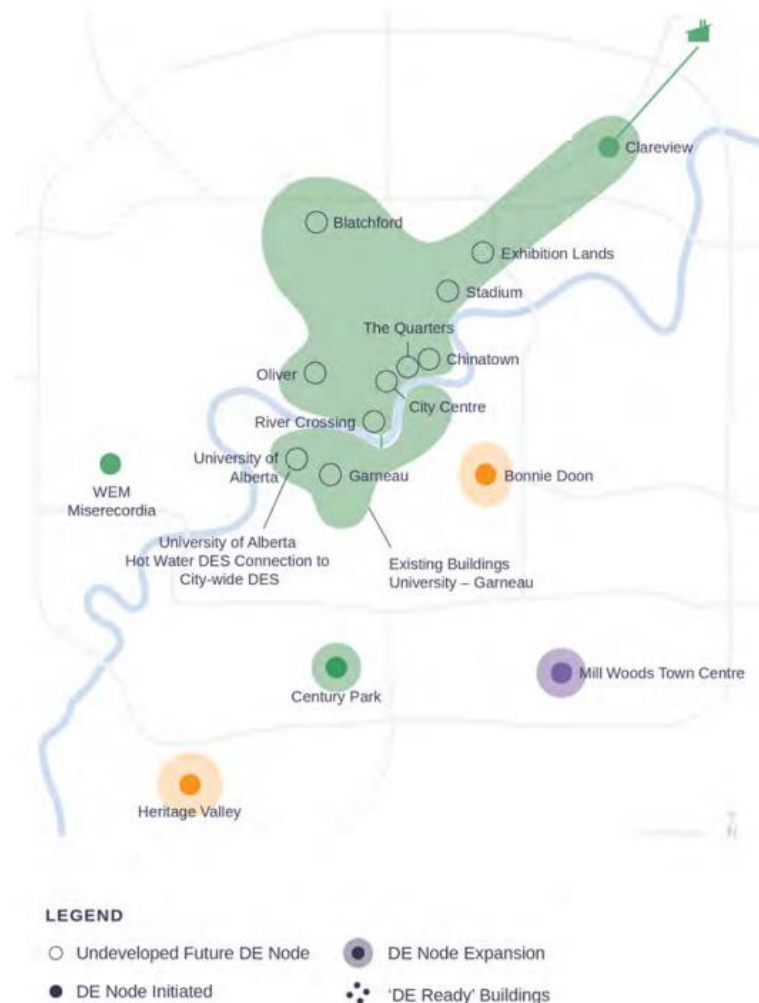
# District Energy Strategy

## Strategy Implementation

- Completing feasibility studies in priority district energy opportunity areas
  - River Crossing
  - Exhibition Lands
- Exploring private partnership opportunities.

## Downtown District Energy Initiative

- Construction of first phase of system is underway
- Bylaw and Fiscal Policy development
- Planning and Design of the Initiative's growth





# *LRT Expansion & Renewal*

Presenter: Jarek Karpiejuk, Director, LRT Infrastructure Projects

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# 2024 Highlights

## Valley Line West

- Progress made in 2024 includes:
  - Roadwork, track slabs, bridges, elevated guideway, facilities
- 46 LRVs in manufacturing phase
  - First vehicle delivery in summer 2025
- Stony Plain Road bridge over Groat Road - reopened to traffic, pedestrians and cyclists in November.



# 2024 Highlights

## Capital Line South Extension

- Early Works program mostly complete
  - Utility relocations, shallow drainage, drainage tunnel, visual screen fence
- Design-Build Contract awarded in May 2024
- Major lane shift at 23 Ave/111 Street intersection (in place for two years)
- Detailed design underway



# 2024 Highlights

## LRT Renewal

- Various track, structure and facility rehab
- 103A Ave and 99 Street pedway
- 118 Ave LRT bridge near Coliseum Station
- Corona/MacEwan Station safety upgrades
- 95 Street track crossing replacement
- Design underway:
  - South portal tunnel drainage upgrades
  - Corona/Bay tunnel/track repairs
  - Switchgear and UPS replacements



# 2024 Highlights

## Metro Line Northwest (Phase 1)

- Completed on budget and ahead of schedule
- NAIT/Blatchford Market Station opened for passenger service in January 2024
- Old NAIT station demolished in April 2024
- Area handed over to ETS/NAIT in November 2024



# 2025 and Beyond - Upcoming Opportunities

## Valley Line West

- Major roadwork continuing along the alignment (traffic impacts)
  - Downtown (102 Ave and 104 Ave)
  - Stony Plain Road (between 149 and 156 Street)
  - Major intersections along the alignment
- Continuing work on Gerry Wright OMF B and Lewis Farms Storage Facility
- Continuing work on elevated guideway along 87 Ave (completion in 2025)
- Continuing work on stops and stations
- First LRV delivery in summer 2025

## Capital Line South Extension

- Major construction starting in 2025 (LRT underpass at 23 Ave/111 Street; work at OMF)
- LRV procurement underway (contract award by Q4 2025)

## Metro Line Northwest

- Phase 1 - Indigenous public art installation
- Phase 2 - Continuing land acquisition

# 2025 and Beyond - Upcoming Opportunities

## LRT Renewal

- Design
  - UPS Upgrades at University Station
  - Tunnel Rehabilitation
    - Corona - Bay/Entreprise
    - South Portal
- Construction
  - Coliseum LRT Bridge Rehabilitation (2025-2027)
  - Track Crossing Renewal
    - University Ave/114 Street
    - 111 Ave (near Kingsway)
  - Harbin Gate (97 Street, north of Jasper Ave)
  - 103A Ave/99 Street Underground Pedway
  - Switchgear Replacement at Corona Station

# *Corporate Procurement & Supply Services*

Presenter: Jennifer Smid

Questions: Jennifer Smid, **Director, Procurement**  
jennifer.smid@edmonton.ca

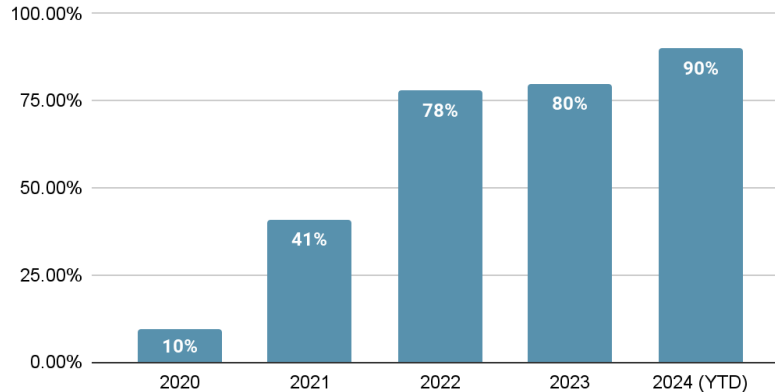
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# Corporate Procurement & Supply Services Initiatives

## Sustainable Procurement

- 2024 - 90% of Competitive Procurements included sustainable benefit criteria.



- Augment use of sustainable contract requirements
- Sustainable procurement evaluation criteria added to Supplier Performance Management Program
- Sustainable Procurement Advisory Committee
- Community Benefit Framework

**Purchase with Purpose** - A networking event exploring opportunities for Indigenous, diverse and social value suppliers to connect with the public sector and other buyers.



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# Thank you

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