



Edmonton

# Integrated Infrastructure Services

## 2025 ARHCA Industry Presentation

January 14, 2025

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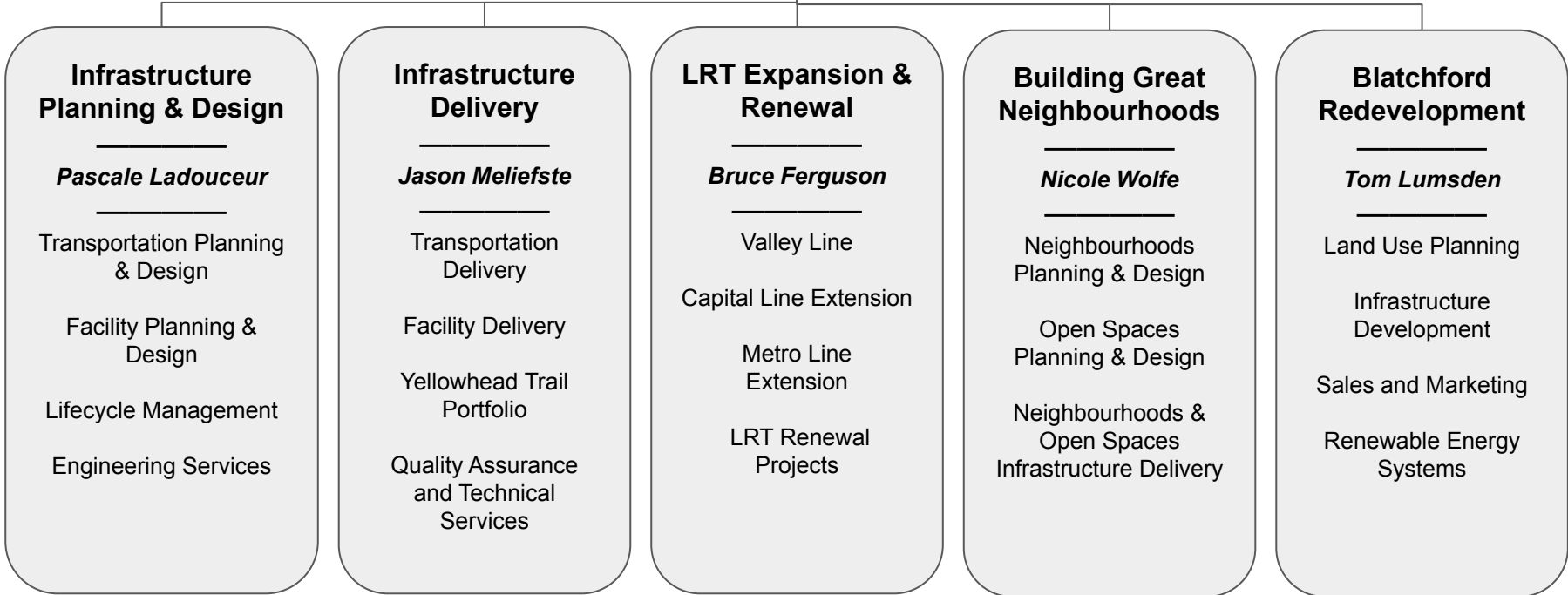
# *Welcome*

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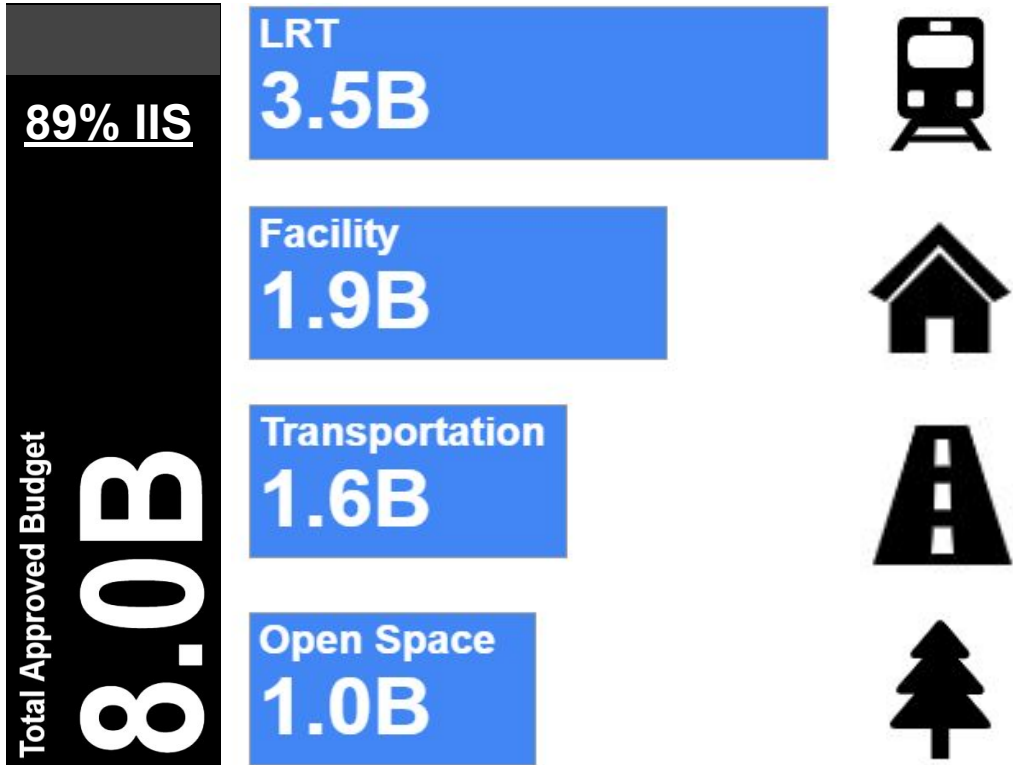
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# Integrated Infrastructure Services - Department Structure

**Deputy City Manager**  
*Craig Walbaum*



# 2023 - 2026 Capital Budget - (Q4 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

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# Current Active Projects By Asset Type - Q3 2024

Facility

77

Open Space

45

William Hawrelak Park Rehabilitation Project



LRT

8

Transportation

91



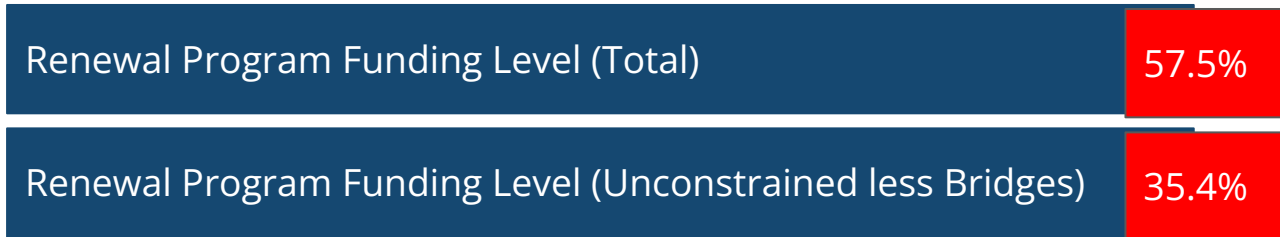
Yellowhead Trail



## Renewal - Funding Levels

Original Approved 2023 - 2026 Capital Budget

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

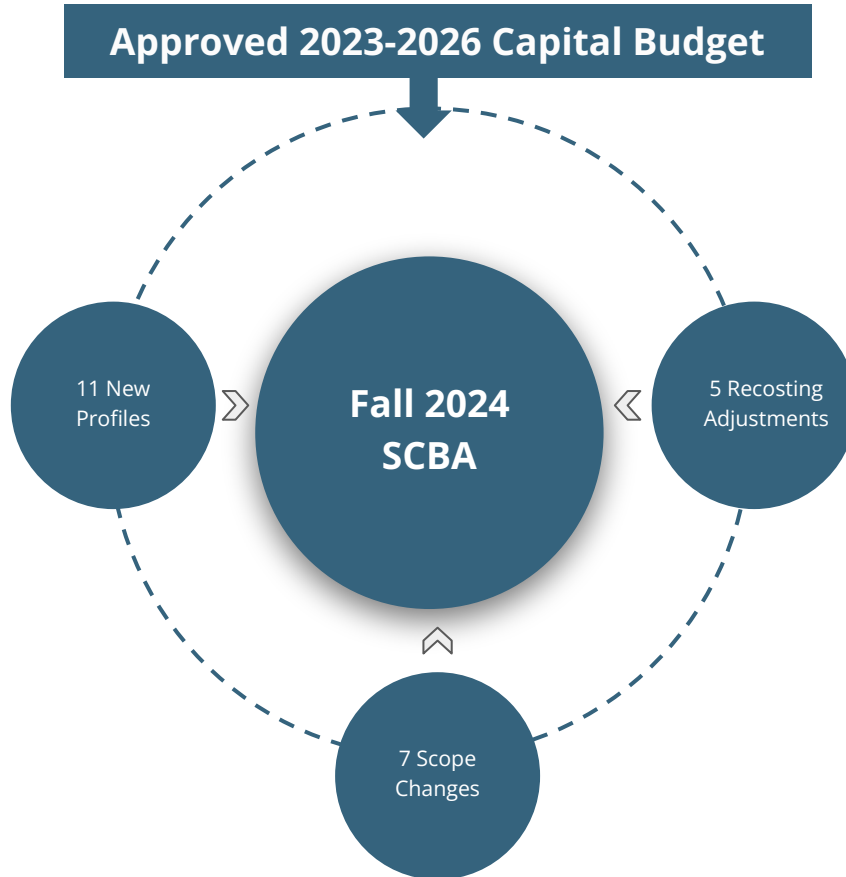


# 2024 Fall Budget Adjustment Outcomes





# 2024 Fall Budget Adjustment Outcomes



## Key takeaways (non-exhaustive)

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

# *Transportation*

Presenter: **Sam El Mohtar**, Director, Transportation Infrastructure Delivery

Planning & Design Questions:  
**Natalie Lazurko**

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

Delivery Questions:  
**Sam El Mohtar**

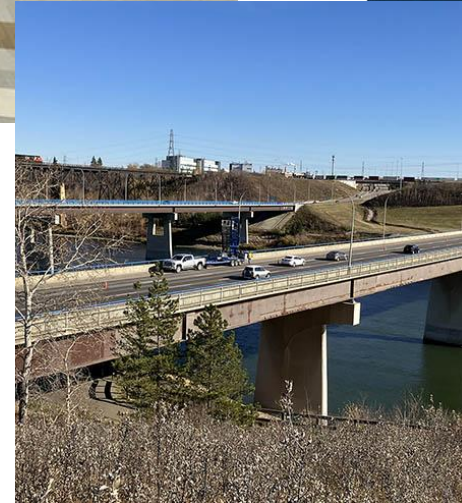
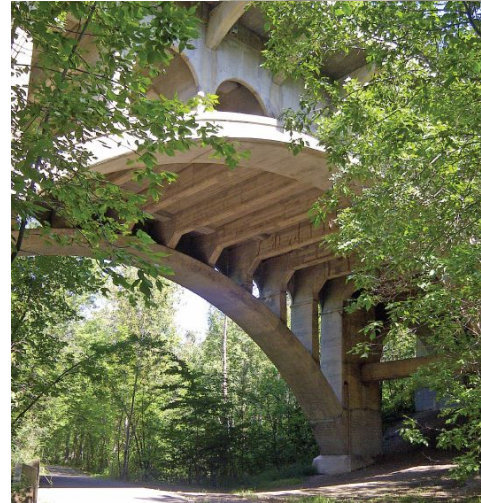
**Director, Transportation Infrastructure Delivery**  
sam.elmohtar@edmonton.ca

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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 & Stairs
- Condition assessment
  - 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 Streetscapes



# Transportation Infrastructure Delivery

## 2024 Program Summary

- ~\$140 M Total Project Expenditure
- Project Highlights
  - Collector renewal projects on 86 Street and 97 Street
  - Various locations of active transportation and pedestrian safety improvements
  - Bridge projects, including;
    - 167 St SW over Whitemud Creek
    - Scona Road over Connors Road
  - Kennedale Snow Storage Site
  - Continuation of Major Projects, such as;
    - Terwillegar Drive (Stage 2),
    - 50 Street CP Rail Overpass and Widening, and
    - City of Edmonton / Strathcona NSR Pedestrian Bridge

# Transportation Infrastructure Delivery

## 2025 Program Overview

- **Roadway Renewal Program**
  - Imagine Jasper Avenue - 114 to 124 Street (Year 1 of 3)
  - 95 Avenue - 163 to 178 Street (Year 1 of 2)
  - 41 Avenue SW - 170 St to Chappelle Way
  - 81 Avenue Renewal (104 Street - Gateway Boulevard)
  - Warehouse Park Roadways (Year 1 of 2)
    - 106 / 107 Street Streetscape
  - 99 Street - Jasper Ave to 102 Ave (Year 1 of 2)
    - including underground structural work

# Transportation Infrastructure Delivery

## 2025 Program Overview

- **Bridges and Miscellaneous**

- 50 Street over Whitemud Drive Rehabilitation - Year 1 of 2
- Dawson Bridge - Substructure Renewal
- 18 Street over Horsehills Creek Bridge Replacement
- Beverly (Yellowhead Freeway) Bridge Renewal - Year 1 of 2
- Wellington Bridge Replacement - Year 1 of 2 (Fall 2025 Start)
- Culvert Replacements (Various)
- Guardrail Replacements (Various)
- Active Transportation/Missing Links (Various)
  - 5 Contract Packages
- Safe Crossings (Various)
  - 1 Contract



# Transportation Infrastructure Delivery

## 2025 Program Overview

- **Terwillegar Drive**
  - Stage 2 (122 Street to Fox Drive) - Year 2 of 3 - 2026 Completion
  - Stage 3 (Anthony Henday Drive Interchange) - Year 1
    - PreGrading - Spring 2025 Start
    - Main Contract - Fall 2025 Start



# *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)

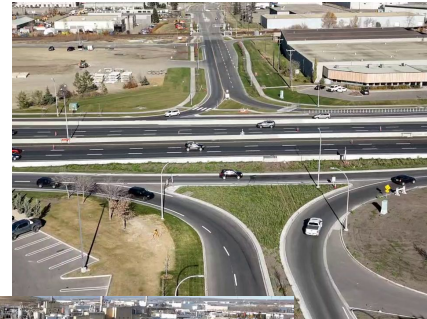
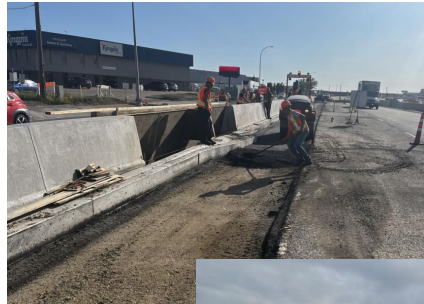
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# 2024 Highlights

## 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

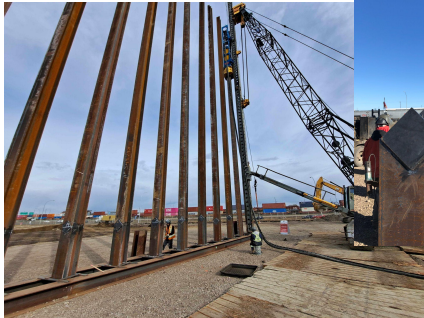


# 2024 Highlights and Upcoming Work

## 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



# *Neighbourhoods and Open Spaces*

Presenter: **Steve Schmidt, Director, Neighbourhoods & Open Spaces Infrastructure Delivery**

Planning & Design Questions:  
**Ryan Kirstiuk**

**Director,  
Neighbourhoods Planning and Design**  
[ryan.kirstiuk@edmonton.ca](mailto:ryan.kirstiuk@edmonton.ca)

Delivery Questions:  
**Steve Schmidt**

**Director,  
Neighbourhoods & Open Spaces Infrastructure Delivery**  
[steve.schmidt@edmonton.ca](mailto:steve.schmidt@edmonton.ca)

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# 2024 Highlights - Neighbourhoods

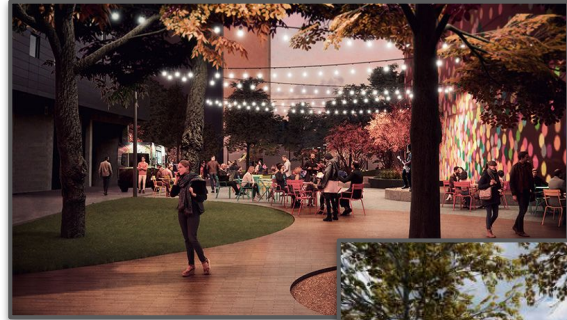
## Active Projects - ~\$155M

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



## 2024 Highlights - Open Spaces

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



# 2025 Overview - Neighbourhood Reconstruction

## General Scope

- Renewal of sidewalks and roadways
  - Active transportation features
  - Traffic calming features
- Streelighting replacement
- Low Impact Development elements



*Design Rendering - Hairsine Neighbourhood*

## Continuing Projects:

- Meyokumin
- Gariepy
- McCauley
- Boyle Street
- Hairsine
- Baturyn

## Upcoming Tenders:

- Overlanders (2 years)
- Ottewell East (3 years)



# 2025 Overview - Alley Renewal

## General Scope

- Full reconstruction of alley
- Miscellaneous sidewalk connections



*Active Alley Reconstruction*

## Continuing Projects

- Allendale
- Strathearn
- Beverly Heights

## Upcoming Tenders

- Glenwood West
- Hillview
- Dunluce

## 2025 Overview - Open Spaces

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



# *LRT Expansion & Renewal*

Presenter: Jarek Karpijok, Director, LRT Infrastructure Projects

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# 2024 Highlights

## Valley Line Southeast

- One-year anniversary of opening for passenger service
- Monthly ridership has more than doubled since it opened



# 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
- Major lane shift at 23 Ave/111 Street intersection (in place for two years)
- Design-Build Contract awarded in May 2024
- Detailed design underway
- Major construction starting in 2025



# 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
  - University Ave/114 St (2025)
  - 111 Ave (near Kingsway; 2025)
- 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

# *Development Services*

Presenter: **Mark Pivovar**, Director Subdivision and Development Coordination

Questions: **Annie Duong**, General Supervisor Development Inspections  
[Annie.Duong@edmonton.ca](mailto:Annie.Duong@edmonton.ca)

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# 2024 Highlights

## Construction Stats

- **Active Construction Sites:**
  - 434
- **Inspections:**
  - >4000 individual audit inspections
  - ~1000 Formal CCC/FAC Inspections
- **Arterials Twinned**
  - 17 Street
  - 34 Street
  - 167 Avenue



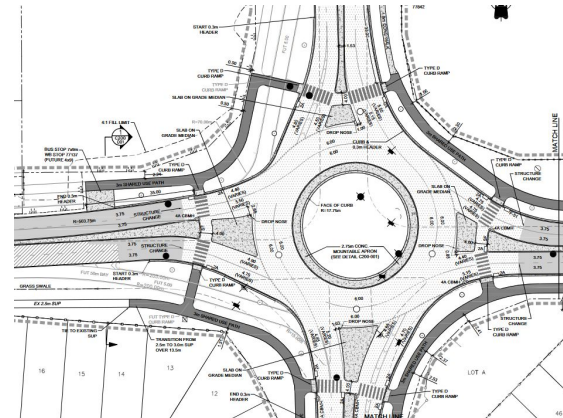
# 2025 and Beyond - Updates/Opportunities

## Section Updates

- **Development Inspections 2025 Transportation Inspector Guideline**
  - Meeting with BILD transportation working group beginning of February for minor updates
- **Transportation Kickoff Meeting**
  - April 2025

## Private Development Outlook

- **2025 will be as busy as 2024**
- **Arterial Projects**
  - Twinning projects
  - New Arterials
  - Bridge Construction
  - Major Roundabout
- **Subdivision Projects**
  - All quadrants will be busy



# *Corporate Procurement & Supply Services*

Presenter: Jennifer Smid

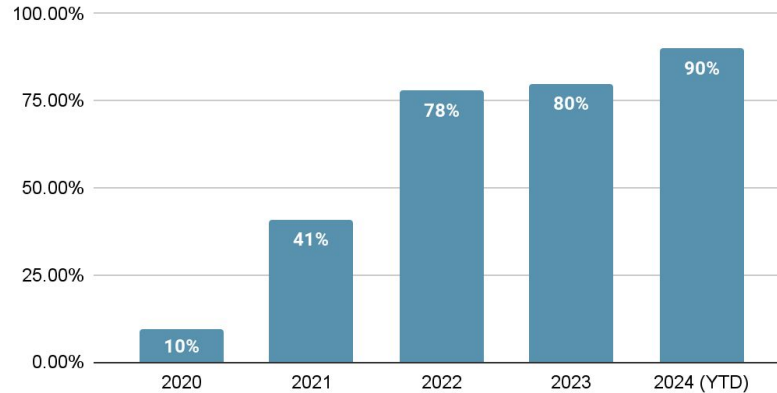
Questions: Jennifer Smid, **Director, Procurement**  
[jennifer.smid@edmonton.ca](mailto:jennifer.smid@edmonton.ca)

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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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