meetmidtown

Developing Transportation, Stormwater, and Urban Design Solutions

March 27, 2025

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OAKVILLE

meet mid town

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Tonight's Structure

1. Presentation (25 minutes)

2. Activities & Booths with Project Team (95 minutes)

Agenda

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- Part 1: Introduction
- Part 2: Transportation
- Part 3: Stormwater
- Part 4: Urban Design
- Part 5: Next Steps and Key Dates

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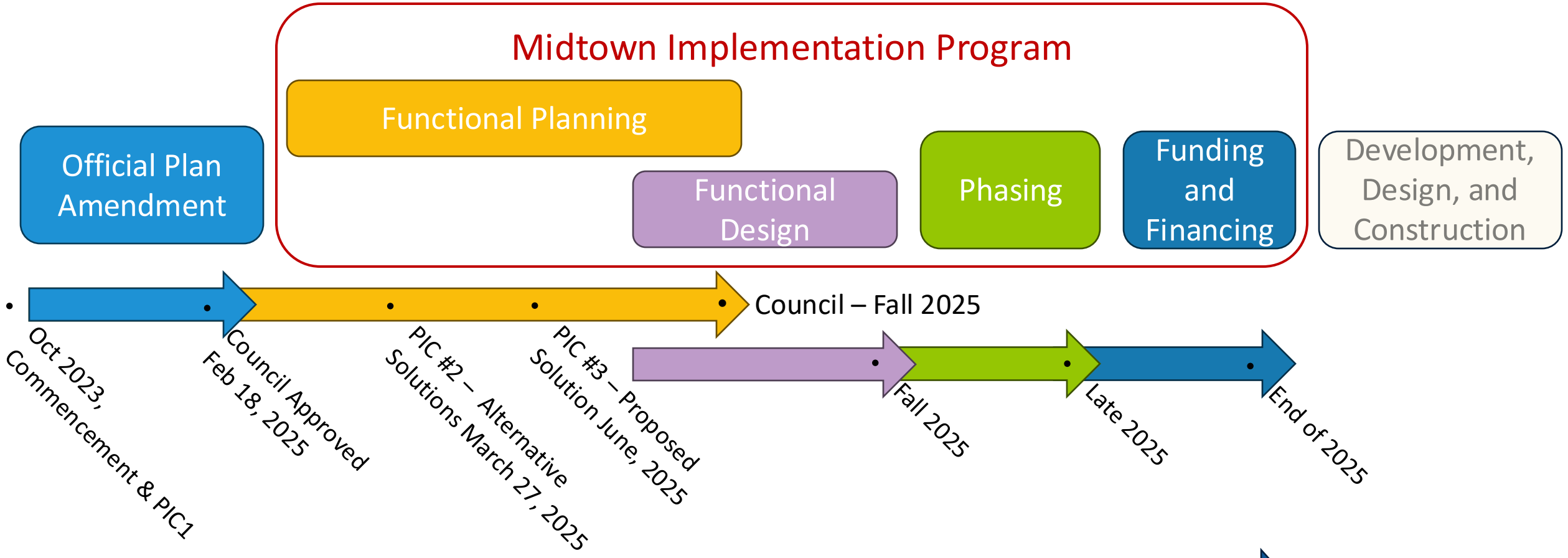
Part 1: Introduction

Midtown Implementation Program Overview

- Goal of program to advance objectives of Official Plan Amendment and support infrastructure delivery for the Town
- Plan for infrastructure and amenities that will support growth within Midtown
- Align with Town-wide and Region-wide objectives
- Develop implementable plan for the Town and partners/stakeholders

Where We Are in the Program



- Town-wide Transportation Master Plan
- Inclusionary Zoning OPA and CPP By-law
- Community Improvement Plan & By-law
- Region Integrated Master Plan
- Conservation Halton Flood Hazard Mapping and Spill Flood Hazard Policy

Purpose Today: Concept Development

- Look at options to address challenges and opportunities related to **transportation, stormwater, and urban design**
- Transportation and stormwater are conducted as Master Plans under the MCEA process
- Urban design elements will need to look at public spaces (roads and parks) and guidelines for built form
- Transportation, stormwater, and public realm elements will all occupy the same space, and need to work together cohesively

What Informs Our Work

- Midtown does not exist in isolation, it is integral to the broader community and Town
- To size and develop infrastructure we need to consider Town and Regional processes
  - Town Transportation Master Plan
  - Town Parks Recreation and Library Master Plan
  - Region Integrated Master Plan (Water, Wastewater, Transportation)
- Testing of transportation and municipal infrastructure to understand impact of lowered projections from the OPA

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Midtown Transportation Plan

Transportation Challenges and Opportunities

Challenges

- Projected traffic volumes exceed current capacity across physical barriers that access Midtown
- There is limited priority/access to GO station for pedestrians, cyclists, and buses
- High existing parking supply currently promotes auto dependency

Opportunities

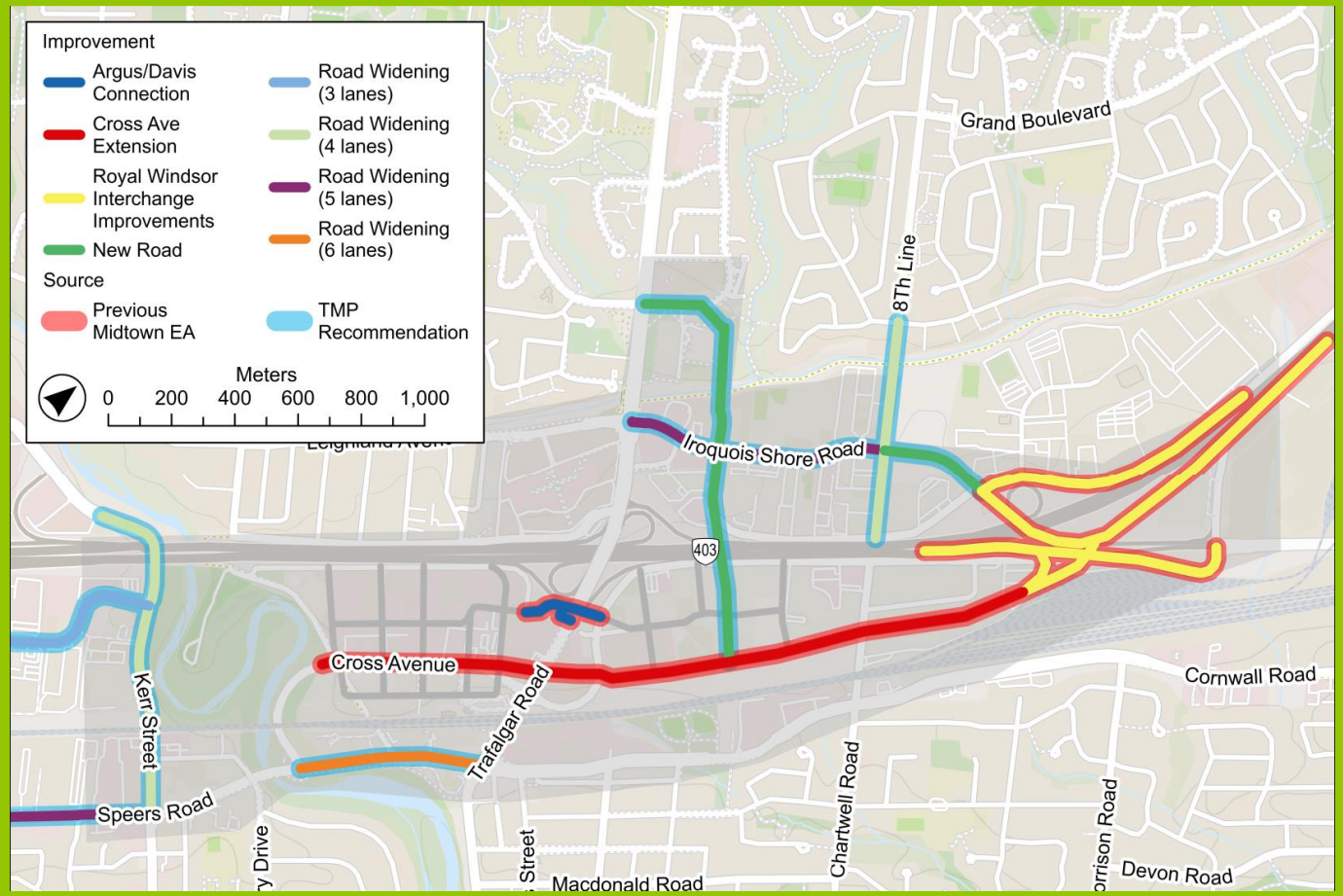
- Local grid network of roads
- Safe complete street designs
- New crossings of physical barriers
- Transit priority
- Parking supply and regulation plans

To accommodate growth in Midtown, there is a need to identify and develop solutions for all seasons that is accessible to everyone in a phased approach that supports development as it proceeds.

Alternative Solutions

- **Business-as-Usual (BAU)**
  - ✓ QEW Crossing: N-S Crossing (between White Oaks Boulevard and Cross Avenue)
  - ✓ Trafalgar Crossing: Argus-Davis Connection
  - ✓ Royal Windsor Interchange Improvements
  - ✓ Cross Avenue extension and realignment
  - ✓ Oakville Transit Service Levels – Oakville Transit Five-Year Business Plan
  - ✓ Trafalgar BRT
  - ✓ Metrolinx Regional Express Rail (RER) Improvements
  - ✓ Local Road System

BAU Street Improvements



Alternative Solutions

Alternative #1

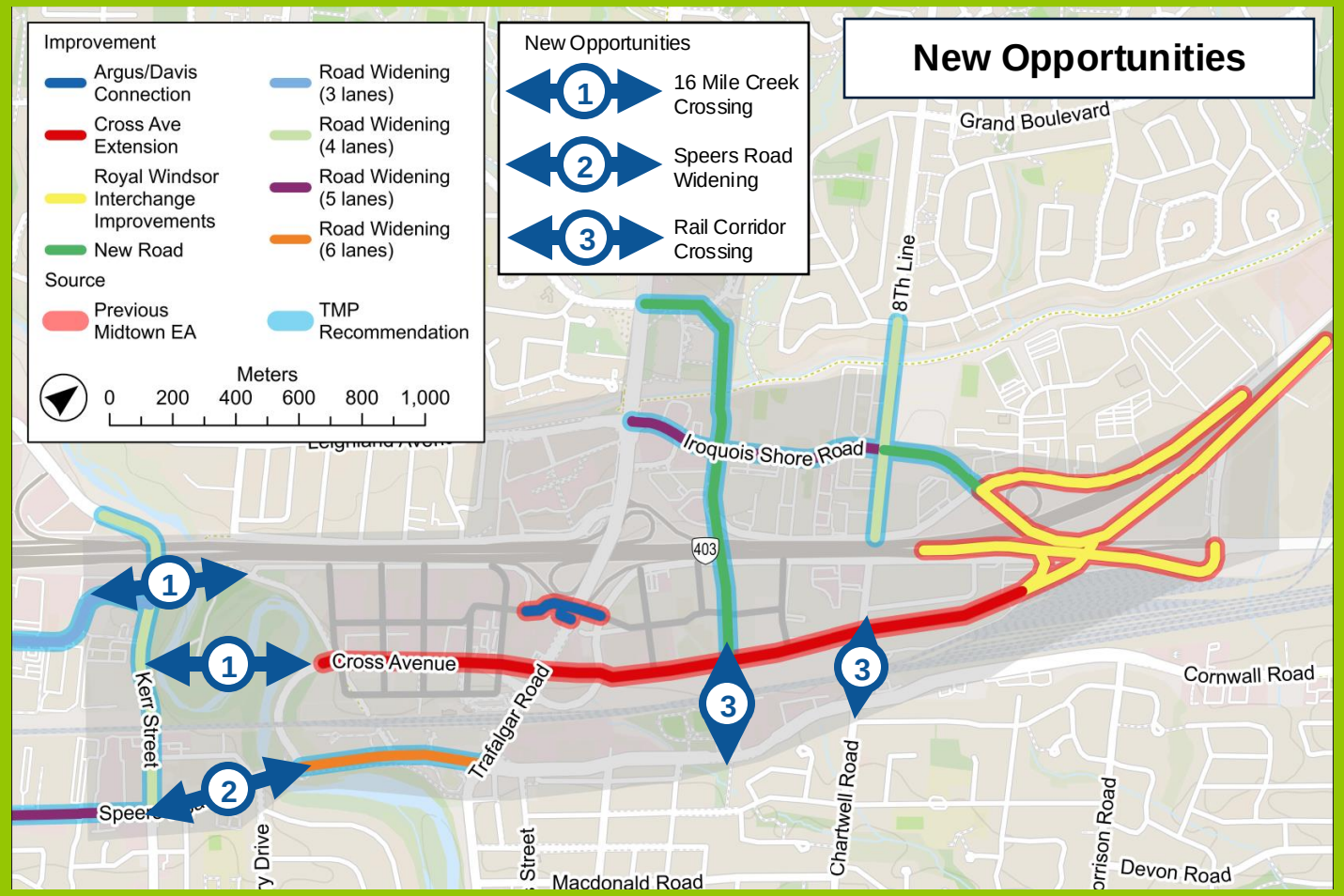
- **Road Priority:** Increasing Roadway Capacity
  - Rail Corridor Crossing: Chartwell Road **and** New N-S Road Extension Grade Separation
  - 16 Mile Creek Crossing: Cross Ave / South Service Road Extension **and** Speers Road Widening

Alternative #2

- **Transit and Active Transportation (AT) Priority:** Reducing Roadway Users
  - Enhanced active transportation policies/strategies
  - Transit supportive policies
  - Micro-transit and micro-mobility solution

Alternative #3

- **Balanced Priority**
  - OPA active transportation improvements
  - Key transit supportive policies
  - Preferred Rail Corridor and 16 Mile Creek Crossings



Draft Evaluation Criteria

- Six draft evaluation criteria were established, based on municipal objectives and a scan of provincial and municipal policy
- Refined criteria will be used to assess the alternative solutions and select a preferred solution

Transportation Service

Growth and Economic Development

Transportation Equity

Livability and Cultural Heritage

Climate Change Mitigation and Natural Heritage

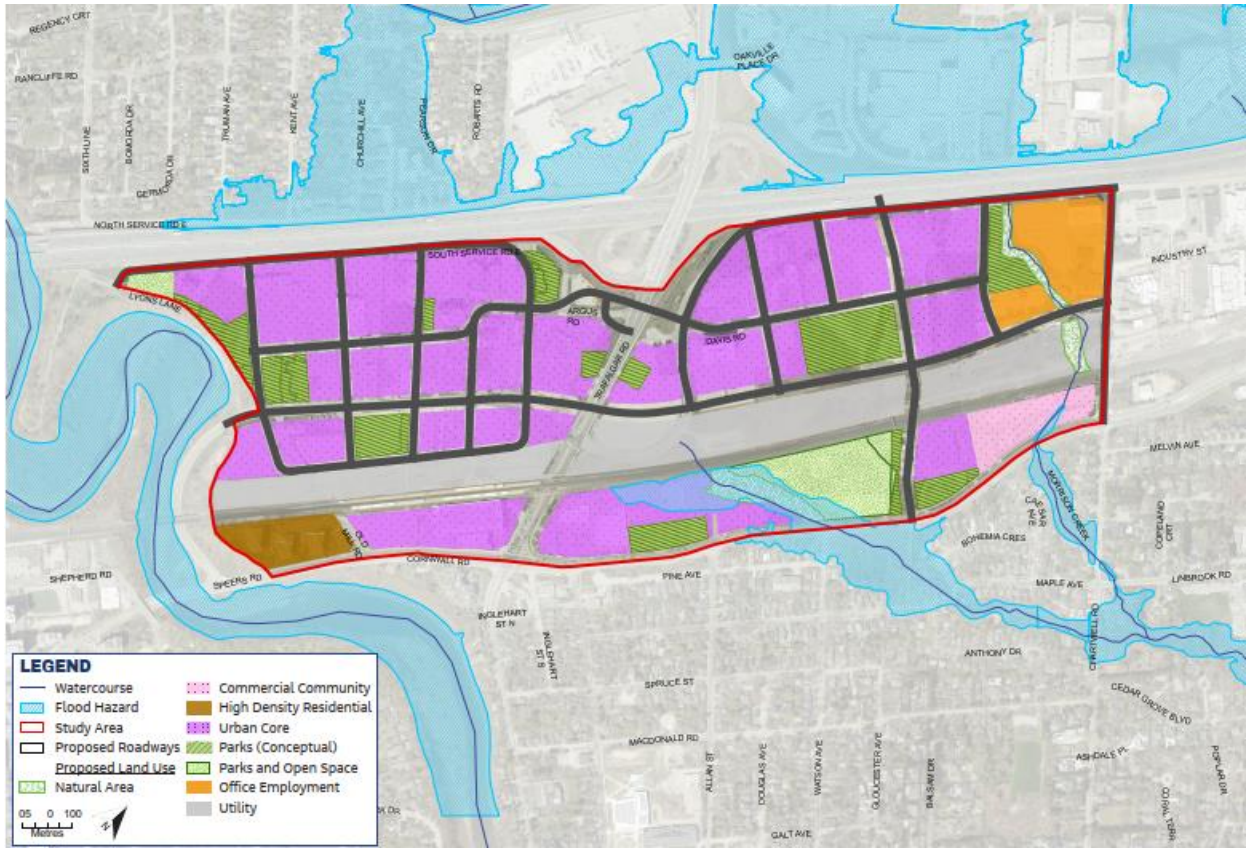
Cost

Midtown Stormwater Plan

Existing Stormwater Conditions

- Key challenges within the Midtown study area currently include:
  - High imperviousness
  - Drainage infrastructure at or over capacity
  - Riverine flooding
  - Lack of historical stormwater management in the area
  - Groundwater system and various site constraints

Future Stormwater Challenges and Opportunities



- New roadways and parks change stormwater conditions but also provide opportunities
- Above and below-grade infrastructure along roads and within parks can help address challenges
- Need to meet environmental criteria for 16 Mile Creek and Morrison Creek through a range of control measures

SWM Alternative Solutions

- Treatment Train Approach
  - Collect stormwater where it lands
  - Convey via local roads to major roads to major storage facilities
  - Store and release stormwater to outlets (16 Mile and Morrison-Wedgewood)

Local Roads/Developments

Conveyance via major roads

Treatment at parks and larger spaces

Draft SWM Evaluation Criteria

- Four (4) sets of evaluation criteria were established, based on municipal, environmental and regulatory objectives
- Refined criteria will be used to assess alternative solutions and select preferred stormwater management solutions at various scales.

Engineering

Natural Environment

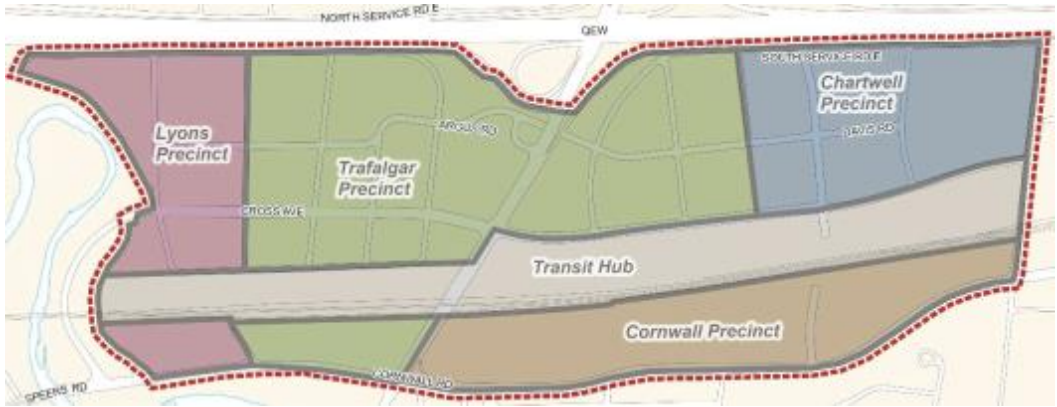
Social and Cultural

Cost

Urban Design

Designing Midtown – Built Form

- Sets the urban design direction for public spaces, streets, and new buildings to contribute to memorable and enjoyable places
- Provides guidance to land developers on site planning, access, built form, and the design of buildings and their interface with the public realm
- Used by land developers to guide their design, and by Town Staff in their review of development proposals



Designing Midtown - Public Realm and Parks Plan

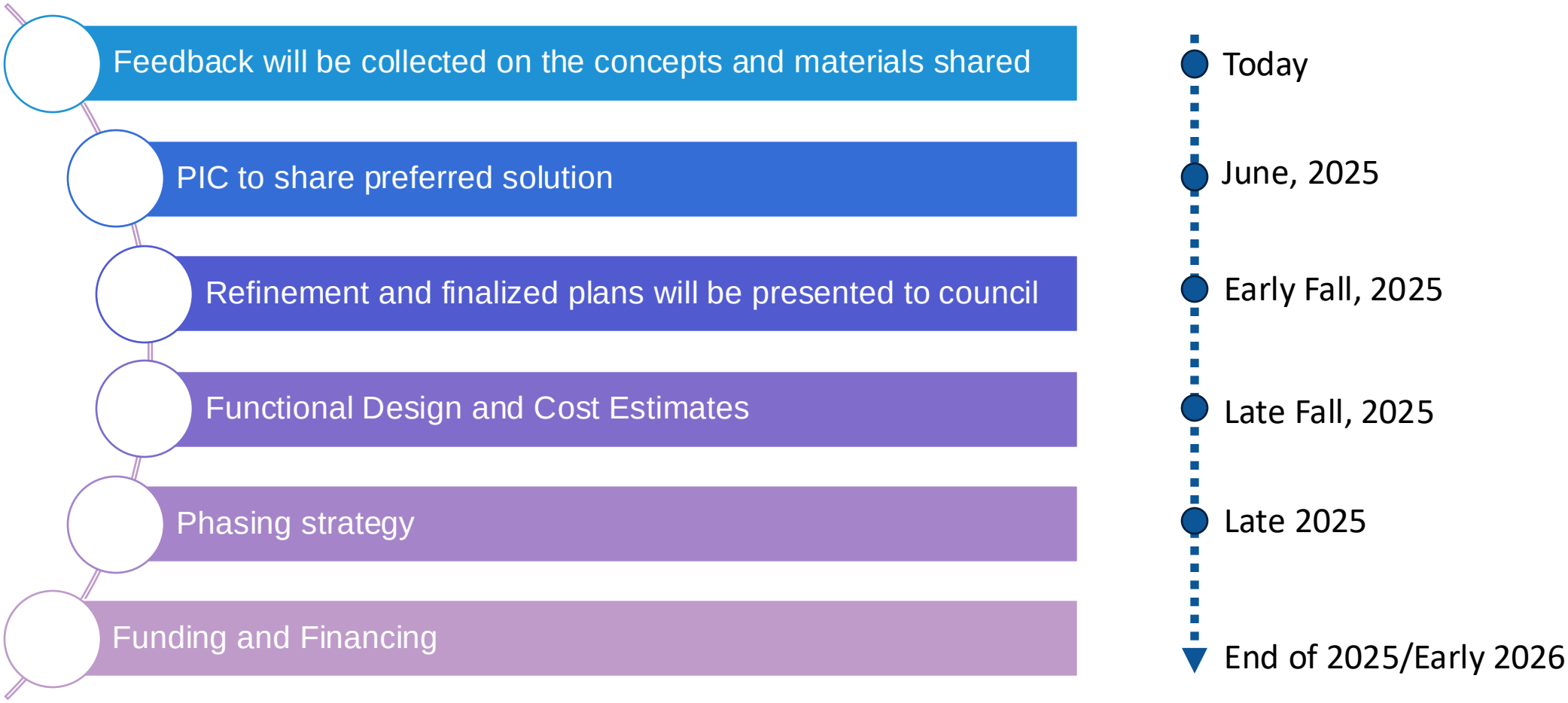
- Focuses on public spaces including parks and streets
- Provides a vision for high-quality public realm including parks, privately-owned publicly accessible open spaces, streets, trails and mid-block connections
- Identifies the role, function, character, civic programing and recreational potential of parks and public spaces
- Used by Town Staff to advance public infrastructure and provide guidance to land-owners and developers for adjacent elements

Next Steps

Next Steps

- Test alternative solutions and conduct multi-criteria evaluation for transportation and stormwater solutions
- Share preferred concept with public for further feedback
- Refinement and provide direction to functional design
- Integrate with Town-wide and Region-wide plans

Key Dates


Feedback will be collected on the concepts and materials shared
PIC to share preferred solution
Refinement and finalized plans will be presented to council
Functional Design and Cost Estimates
Phasing strategy
Funding and Financing
Today
June, 2025
Early Fall, 2025
Late Fall, 2025
Late 2025
End of 2025/Early 2026

Public Engagement Booths

1. Program Overview, Process, and Key Inputs
2. Transportation Plan
3. Stormwater Plan
4. Urban Design – Designing Midtown

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Join us at the Booths for More Information 1hr 15min