Welcome
Pre-Construction Information Session

Jasper Avenue New Vision: 100 Street to 97 Street
Imagine Jasper Avenue: 114 Street to 109 Street

Today you can:

» View final streetscape designs
» Learn about construction schedules, lane and sidewalk closures and other changes during construction
» Have your questions answered by the project team

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
Jasper Avenue: A key destination

Two projects are underway to revitalize the Jasper Avenue streetscape from 124 Street to 92 Street to create a unified corridor, balance the needs of all users and improve the pedestrian experience.

» Jasper Avenue New Vision: 109 Street to 92 Street
» Imagine Jasper Avenue: 124 Street to 109 Street

Designs for Jasper Avenue both east and west of 109 Street will maintain the same number of through traffic lanes as today and are influenced by the function of each area:

» West: Community-focused as central to the Oliver neighbourhood
» East: Designed to be part of the downtown business core

Construction on two sections of Jasper Avenue – one in each project area – will begin this spring.

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
Jasper Avenue: A key destination

Two Projects With One Vision: A Unified Jasper Avenue

<table>
<thead>
<tr>
<th>124 ST</th>
<th>IMAGINE JASPER AVENUE (124 street to 109 street)</th>
<th>109 ST</th>
<th>JASPER AVENUE NEW VISION (109 Street to 92 Street)</th>
<th>92 ST</th>
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<tbody>
<tr>
<td>CONSTRUCTION 109-102 STREET CONSTRUCTION NOT YET DETERMINED</td>
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<tr>
<td>CONCEPT DESIGN 97-92 STREET</td>
<td>CONSTRUCTION 97-92 STREET</td>
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Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
How We Got Here

Planning for the transformation of Jasper Avenue began many years ago with technical studies, design and public and stakeholder engagement at each Phase of the project.

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
What to Expect During Construction: Drivers

» One lane of traffic in each direction maintained along Jasper Avenue with occasional full closures overnight
» Access for deliveries to businesses will be maintained
» Right and left turns may be impacted
» Traffic will be monitored and adjustments made, where possible to improve traffic flow
» Construction will be coordinated with Valley Line construction

Jasper Avenue New Vision

» Traffic impacts on 100 Street / Jasper Avenue begin March 2020
» Off peak hour closures on 100 Street
» Full closure of 97 Street will occur between Jasper Avenue and 101A Avenue in 2021

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision
and edmonton.ca/ImagineJasperAvenue
What to Expect During Construction: Pedestrians/Transit Users

» One sidewalk and one crosswalk at each intersection maintained
» Universal access for pedestrians to all businesses maintained with the use of bridges / detours
» Bus route timing monitored
» Bus stops temporarily relocated as required
» Certain bus routes may be modified. Visit edmonton.ca/TransitAlerts.

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
What to Expect: Trees

» All trees within the project limits will be replaced.
» New trees will be planted in soil cells which surround the tree with topsoil for enhanced protection for healthy growth.

**Affected trees:**

<table>
<thead>
<tr>
<th>97 Street</th>
<th>Jasper Ave 97–100 Street</th>
<th>110–112 Street</th>
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<tbody>
<tr>
<td>14 removed</td>
<td>43 removed</td>
<td>22 removed</td>
</tr>
<tr>
<td>45 planted</td>
<td>80 planted</td>
<td>123 planted</td>
</tr>
</tbody>
</table>

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
Who to Contact During Construction

If you have questions or information to share, call 311.

Learn more about these projects at: edmonton.ca/JasperAvenueNewVision and edmonton.ca/ImagineJasperAvenue
Jasper Avenue New Vision

Construction: March 2020 – Fall 2022

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Project Overview

Jasper Avenue from 100 Street to 97 Street and 97 Street from Jasper Avenue to 102 Avenue will be revitalized, with construction beginning this spring.

Construction has been prioritized for these sections to coincide with the required rehabilitation of the Edmonton Convention Centre under Jasper Avenue.

Project Highlights

- Two vehicle travel lanes in each direction (the same as what currently exists)
- Wider, unobstructed sidewalks
- Enhanced plantings and furniture
- Unobstructed access at transit stops
- Rehabilitation of the roof of the Edmonton Convention Centre
- Removal of the Frank Oliver Pedway at 100 Street
- New separated storm sewer
- Full roadway reconstruction
- New street and pedestrian lighting

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Design Elements

**Paving**
- Broom Finished Concrete
- Sandblasted Bands
- Black Pavers
- Light Grey Pavers
- Painted Bike Lanes
- Raised Pavers
- Stamped Asphalt - Grosir

**Vegetation**
- Street Trees in Soil Cells (Min 20m³)
- Perennials in Raised Beds
- Raised Beds
- Street Light Pole
- Heritage Trail Bollards
- Heritage Trail Header
- Raised Planters

**Standard Furnishings**
- Pedestrian Light Pole
- Elevated Light Poles
- Raised Signal Pole
- Pedestrian Bollards
- Painted Slotted Bollard
- Bike Rack
- Tree Grate
- At-Grade Planting
- Pedestrian Megalith
- Pedestrian Minilith

**Custom Furnishings**
- Raised Planter Type A
- Raised Planter Type B
- Raised Planter Type C
- Raised Planter Type D
- Broom Finish Concrete
- Sandblasted Bands
- Black Pavers
- Light Grey Pavers
- Raised Pavers
- Stamped Asphalt - Grosir

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Jasper Avenue at 100 Street

- Existing pedway under 100 Street removed
- Wider sidewalks constructed
- New plantings added
- Shared-use path bike connection added along the south side of Jasper Avenue to 99 Street
- Heritage Trail marked with paving reflective of and complimentary to the existing and original Heritage Trail

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Jasper Avenue at 100 Street

Looking East

Key Notes

1. Waste Receptacle
2. Pedestrian Light Pole
3. Bike Rack
4. Furnishing Zone
5. Pedestrian Through Zone
6. Heritage Trail
   Red bricks highlighting the Heritage Trail route.
7. Raised Cross Walk
8. Raised Planter with Bench
9. Street Trees
   Brandon Elm, Autumn Blaze Maple and Little Leaf Linden are the species proposed.
10. Heritage Bollard

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
100 Street

- Shared-use path/bike connection added from funicular to Jasper Avenue along east side of 100 Street
- New plantings added

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Jasper Avenue at 99 Street

» Intersection realigned to provide better north-south movements
» New mini-plaza at northwest corner features “Merchant Statue” moved from World Trade Centre
» Bike connection on south side of Jasper Avenue crosses intersection and continues along west side of 99 Street

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Jasper Avenue at 99 Street

Northwest 99 Street Intersection View

Key Notes

1. Signal Pole
2. Pedestrian Minilith (Wayfinding signage)
3. Merchant Statue
   Relocate the Merchant Statue from with the
   World Trade Centre building.
4. Dedicated Bike Lane
5. Pedestrian Through Zone
6. Curb Ramp
   Each ramp contains a Tactile Walking Surface Indicator.
7. At-Grade Planters
8. Raised Planter with Bench
9. Street Trees
   Brandon Elm, Autumn Blaze Maple and
   Little Leaf Linden are the species proposed.
10. Bench
11. Paver Plaza
12. Street Plaque
   At all street crossings, a street plaque will be
   embedded flush with the concrete.

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Jasper Avenue at Edmonton Convention Centre

» Special paving treatment creates a plaza space at the Edmonton Convention Centre south of Jasper Avenue
» Trees and plantings added
» Enhanced pedestrian crossing

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Jasper Avenue at Edmonton Convention Centre

Edmonton Convention Centre Looking West

Key Notes

1. Street Light Pole
2. Heritage Bollard
3. Lit Bollard
4. Planted Median
5. Paver Plaza
6. Curb Ramp
   - Each ramp contains a Tactile Walking Surface Indicator.
7. Festive Banners
   - Temporary festive banners to be mounted to poles.
8. Raised Planter with Bench
   - Raised concrete upstand with seating, adjacent to at-grade planters.
9. Street Trees
   - Brandon Elm, Autumn Blaze Maple and Little Leaf Linden are the species proposed.
10. Street Plaque
    - At all street crossings, a street plaque will be embedded flush with the concrete.

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
97 Street North of of Jasper Avenue

» Wider sidewalks constructed
» New plantings added
» Enhanced pedestrian crossings with flashing lights at 101A Avenue

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
97 Street North of Jasper Avenue

97 Street Looking South from 101A Avenue

Key Notes

1. Crosswalk
2. Informal Path
3. Pedestrian Through Zone
4. Furnishing Zone
5. Ancillary Zone
On-street parking during peak hours, with opportunity for flex space in off-peak hours.
6. Curb Ramp
Each ramp contains a Tactile Walking Surface Indicator for visually impaired.
7. At-Grade Planters
8. Street Trees

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Construction Schedule

2020
Jasper Avenue: 100 Street to 97 Street – south side
100 Street from funicular to Jasper Avenue

2021
Jasper Avenue: 100 Street to 97 Street – north side
97 Street from Jasper Avenue to 102 Avenue

2022
Thornton Court, landscape and streetscape finalization

Annual construction schedules will follow a similar pattern:
March 1 Utility work begins
April 1 Roadwork begins
October 31 Stage complete

Learn more about this project at: edmonton.ca/JasperAvenueNewVision
Imagine Jasper Avenue

114 Street to 109 Street

Construction: April 2020 – Fall 2022
Landscaping: 2022

Learn more about this project at: edmonton.ca/ImagineJasperAvenue
KEY IMPROVEMENTS ALONG AVENUE
• Trees provided along both sides of the avenue
• Space created for pedestrian amenities such as seating, bus shelters, planting, garbage cans, etc.
• Improved lighting along avenue and at intersections, including pedestrian-oriented lighting on sidewalks
• Bike parking distributed along the avenue
• Continuous pedestrian through-zone, free of obstacles
• Flex space provides on-street parking and space for patios and other uses
• Open planting beds with trees and ornamental grasses and shrubs

IMPROVED CONDITIONS FOR PEDESTRIANS ALONG AVENUE
• Trees provided along both sides of the avenue
• Space created for pedestrian amenities such as seating, bus shelters, planting, garbage cans, etc.
• Improved lighting along avenue and at intersections, including pedestrian-oriented lighting on sidewalks
• Bike parking distributed along the avenue
• Continuous pedestrian through-zone, free of obstacles
• Flex space provides on-street parking and space for patios and other uses
• Open planting beds with trees and ornamental grasses and shrubs

IMPROVED INTERSECTION AT 110 STREET
• High visibility bike lane crossing markings added through intersection to improve safety for cyclists
• Traffic signal with dedicated phase for cyclists
• Cycle track separated from sidewalks north of Jasper Avenue
• Redeveloped plaza space on north side provides improved landscaping and gathering space

GATHERING SPACES AT CORNERS
• Larger corner bulbs provided to reduce crossing distances, and for planting and gathering spaces
• Recessed seating nodes in planting beds

DOWNTOWN TRAFFIC COORDINATION WITH VALLEY LINE WEST LRT CONSTRUCTION
• Bus pullouts provided on Jasper Avenue at 109 Street (WB) and 111 Street (EB). These will be in place until LRT construction on 104 Avenue is complete.

110 STREET CYCLE CONNECTION
• Separated cycle track along 110 Street and across Jasper Avenue provides a direct cyclist connection to the existing shared-use path system
• Stop control for vehicles travelling north on 110 Street prioritizes the cyclist connection

FUTURE POTENTIAL
Potential locations to accommodate on-street programming by allowing the public space to extend onto roadway surface

LEGEND
Street Tree
Broom or Decorative Finish Concrete with Tooled Joints
Precast Concrete Unit Pavers
Shrub and Perennial Planting
Soil
300mm HT. Concrete Curb
Concrete Seat Wall With Timber Seat
Traffic Signal Pole
— Combined Street/Pedestrian Light Pole
— Pedestrian Light Pole
Existing Curbs, Walks, Walls, And Other Features
Existing Trees To Remain And Be Protected
Full Traffic Signal
Bus Shelter On Concrete Pad
Vehicle Access

Learn more about this project at: edmonton.ca/ImagineJasperAvenue
Traffic Signals
Full signals at all intersections with automatic pedestrian cycle (no need to push button to get crossing light).

Bench, Bike Racks, Waste Receptacles, & Tree Grates
Consistent with Jasper Avenue New Vision to provide visual continuity and simplify maintenance and/or replacement in the future.

Wood Benches at Gathering Areas
Comfortable wood seating with back and arm rests will be provided along Jasper Avenue. The adaptable design allows for the creation of a variety of seating types that are visually consistent.

Roadway and Pedestrian Lighting
Streetlight fixtures will be the same as those used on Jasper Avenue New Vision. Simpler poles will be used for both roadway and sidewalk lighting.

Pedestrian Wayfinding
Provided at select intersections to direct users to key destinations.

Tactile Walking Surface Indicators
Used at intersection curb ramps to improve safety for the visually impaired.

High-Contrast Furnishing Zone Surface
Contrasting colour of paving in the furnishing zone improves wayfinding clarity for the visually impaired. Dark colour concrete paving stones, similar to Jasper Avenue New Vision are proposed.

Representative Block Plan (114 Street to 109 Street)
Key Notes

1. **FLEXIBLE SPACE**
   Flexible space is provided in some locations beside the sidewalk. These spaces can be used by the adjacent businesses for things like patios or pop-up shops.

2. **CURB RAMPS**
   Curb ramps are provided at each intersection and are aligned with the sidewalks. Each ramp contains a Tactile Walking Surface Indicator (dimpled steel strip) to assist those with visual impairment.

3. **CROSSWALKS**
   Marked crosswalks are provided at each intersection in all directions. This allows for more convenient crossings for all users. The crosswalks are marked with "zebra strips" to help them appear more visible to drivers.

4. **TRAFFIC SIGNALS**
   New signals are provided at each intersection and are timed so that they don’t require pedestrians to push a button to get a walk signal. Push buttons are provided to trigger an audible signal for those with visual impairment.

5. **SIDE STREETS**
   Corner bulbs extend onto side streets for a short distance. Side streets corner bulbs are treated simply with sod or shrub beds. Existing trees are retained.

6. **STREET TREES**
   Street trees are provided along the length of Jasper Avenue. Several tree species are proposed. Trees are shown at approximately 10 years growth from time of planting.

7. **BUSES (FUTURE OPERATIONS)**
   Buses operate in the standard vehicle travel lanes, rather than in the peak-hour express lanes that exist today. They load and unload at bus stops out of this vehicle travel lane as well. This allows for the creation of a ‘flex zone’ along Jasper Avenue that can be used for permanent on-street parking, patios, parklets or other temporary uses.

Learn more about this project at: edmonton.ca/ImagineJasperAvenue
**View of Typical Sidewalk**

**Key Notes**

1. **Bus Stop in Corner Bulb (Future Operations)**
   - Bus stops are located in long corner bulbs, separated from the sidewalk. They are designed to provide visual contrast for those with visual impairments.

2. **Seating and Planting**
   - Open planting beds with seating walls are provided at bus stops to create a more pleasant environment for waiting. Beds contain ornamental grasses or shrubs and street trees.

3. **Bus Shelter (Future Operations)**
   - Bus shelters are provided at each bus stop and are located off the sidewalk.

4. **Circulation Space**
   - Approximately 2.0m of unobstructed circulation space is provided between the curb and the seating walls to provide adequate space for loading and unloading of buses.

5. **Curb Ramps**
   - Curb ramps are provided at each intersection and are aligned with the sidewalk. Each ramp contains a Tactile Walking Surface Indicator (dimpled steel strip) to assist those with visual impairments.

6. **Sidewalk**
   - Sidewalks along Jasper Avenue are a minimum of 2.75m wide, allowing enough space for three people to comfortably pass. Sidewalks are made of concrete to minimize tripping hazards and allow for easy shovelling in winter.

7. **Lighting**
   - Pedestrian lighting to illuminate the sidewalk and seating areas. Light fixtures match those used on Jasper Avenue New Vision.

8. **Street Trees**
   - Street trees are provided along the entire length of Jasper Avenue. American Elm and Patmore Green Ash are the species proposed. Trees are shown at approximately 10 years growth from time of planting.

Learn more about this project at: edmonton.ca/ImagineJasperAvenue
Key Notes

1. **Cycle Route Through Intersection**
   A marked crossing is provided for cyclists across Jasper Avenue.

2. **New Signals with Cycle Phase**
   New traffic signals are provided on the north and south sides of Jasper Avenue with a protected phase for cyclists.

3. **Separated Cycle Track**
   A separated cycle track is provided to guide cyclists to the shared crossing of the access to the Canterra commercial site.

4. **Plaza and Pedestrian Connection**
   The existing plaza is reconfigured to provide additional landscaping and various forms of seating. A wide, unobstructed route is provided for pedestrians from the intersection at Jasper Avenue to the shared-use-path to the north.

5. **Terraced Seating Structure**
   A large structure of wood seating is provided. The seating is oriented to the west to take advantage of the afternoon sunlight. Larger areas for lounging are provided.

6. **Raised Pedestrian & Cycle Crossing**
   The roadway access to the Canterra commercial site is raised to the level of the plaza to slow down vehicle traffic. Bollards are used to direct vehicles. Pedestrians and cyclists are directed to a single crossing point.

7. **Connection to Shared-Use Path**
   The plaza treatment extends north of the crossing into Railtown Park. The planting beds and seating walls warn cyclists of the upcoming crossing and provide space for seating. Sidewalk connections are provided to the adjacent alley.

Learn more about this project at: edmonton.ca/ImagineJasperAvenue
Jasper Avenue/110 Street
Flood Mitigation

Purpose
- Reduce depth of flooding in roadway during heavy rainfall
- Protect surrounding businesses/properties from flood risk

Description
- 3 m diameter concrete pipe
- Length - Approximately 260 m
- Depth - 5 m to 7 m

Construction Impacts
- Traffic reduced to single lane each direction during construction
- Pedestrian traffic to be maintained
- Deep open cut excavation to be fenced and barricaded during construction

Learn more about this project at: edmonton.ca/ImagineJasperAvenue