

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

The Edmonton logo, featuring the word "Edmonton" in a white, sans-serif font on a dark blue rectangular background. The background of the slide is a photograph of a city street at dusk or night, with a person walking a dog in the foreground and buildings and streetlights in the background.

Edmonton

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.

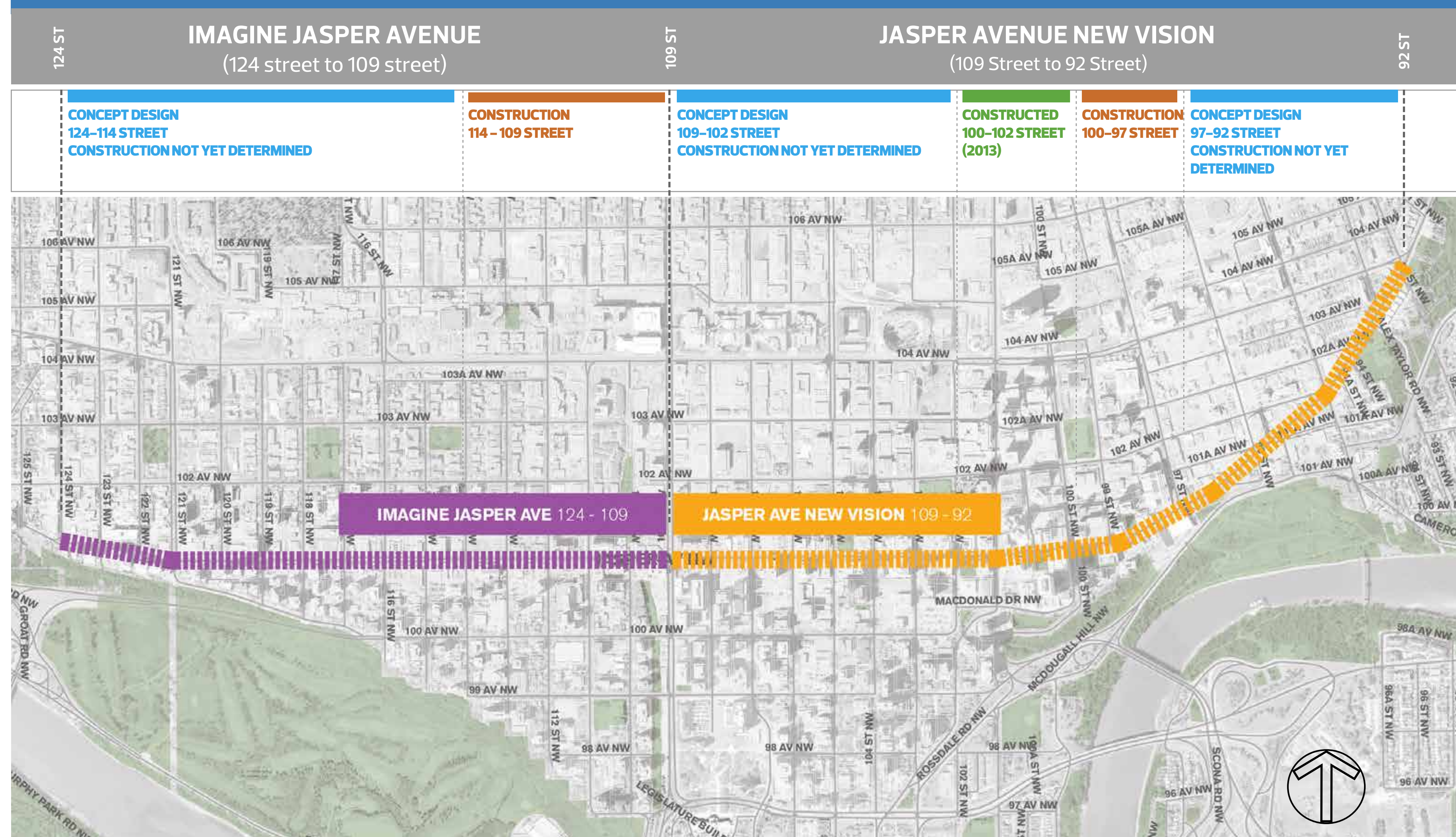
Learn more about these projects at: edmonton.ca/JasperAvenueNewVision
and edmonton.ca/ImagineJasperAvenue

The Edmonton logo, featuring the word "Edmonton" in a white, sans-serif font on a dark blue rectangular background. The background of the entire slide is a photograph of a city street at dusk or night, with a person walking a dog in the foreground and buildings and streetlights in the background.

Edmonton

Jasper Avenue: A key destination

Two Projects With One Vision: A Unified Jasper Avenue

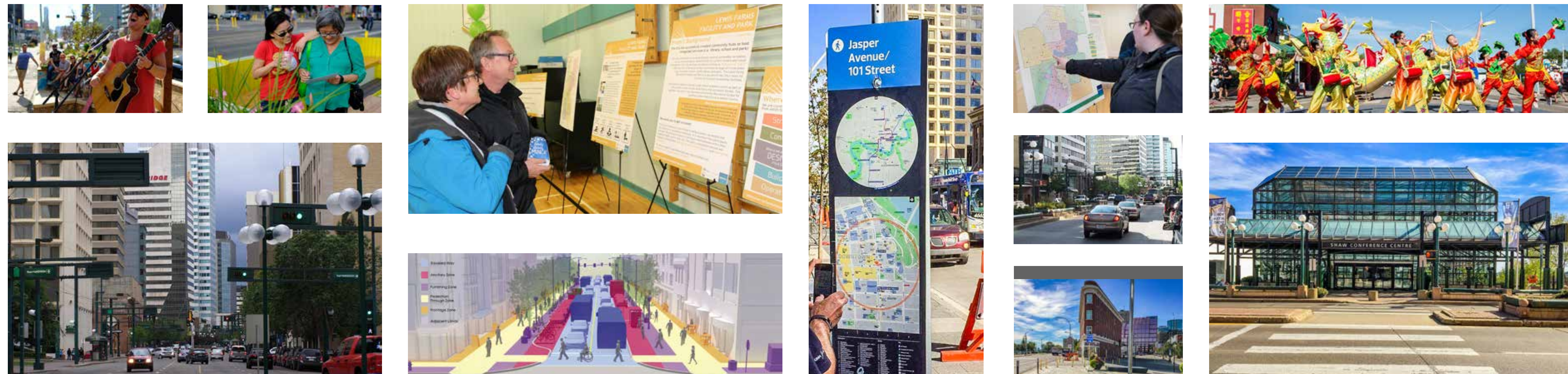


Learn more about these projects at: edmonton.ca/JasperAvenueNewVision
 and edmonton.ca/ImagineJasperAvenue



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

Edmonton



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

Edmonton



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:

97 Street

14 removed

45 planted

Jasper Ave 97-100 Street

43 removed

80 planted

110-112 Street

22 removed

123 planted



Soil cell



Learn more about these projects at: edmonton.ca/JasperAvenueNewVision
and edmonton.ca/ImagineJasperAvenue

Edmonton



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

The logo for the City of Edmonton, featuring the word "Edmonton" in a white, sans-serif font on a dark blue rectangular background. The background of the entire page is a photograph of a city street at dusk or night, with a person walking a dog in the foreground and buildings and streetlights in the background.

Edmonton

Jasper Avenue New Vision

Construction: March 2020 – Fall 2022

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

The Edmonton logo, featuring the word "Edmonton" in a white, sans-serif font on a dark blue rectangular background. The background of the entire slide is a photograph of a city street at dusk or dawn, with a person walking a dog in the foreground and buildings and traffic lights in the background.

Edmonton

Project Overview

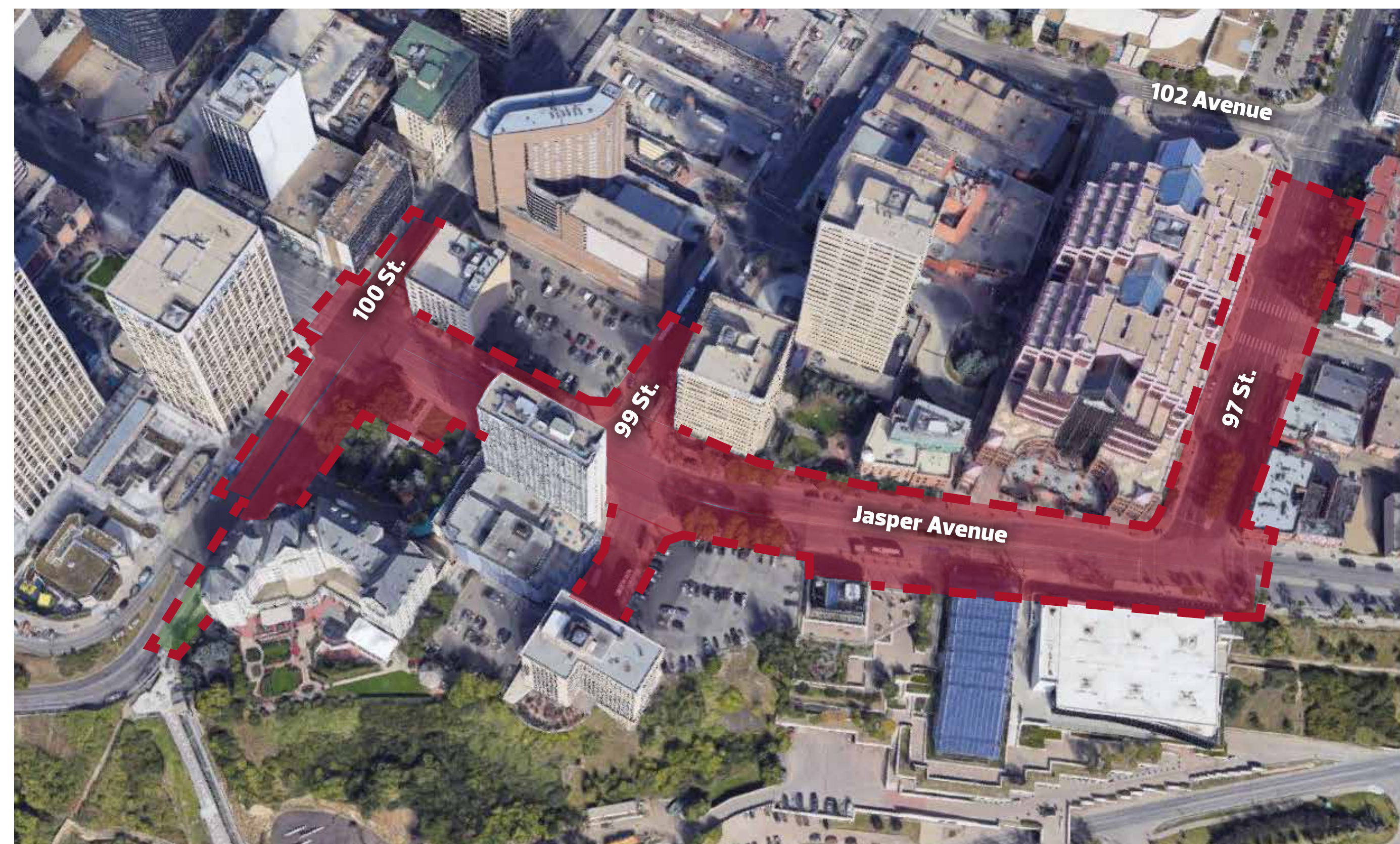
Jasper Avenue from 100 Street to 97 Street and 97 Street from Jasper Avenue to 102 Avenue will be revitalized, with construction beginning this spring

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

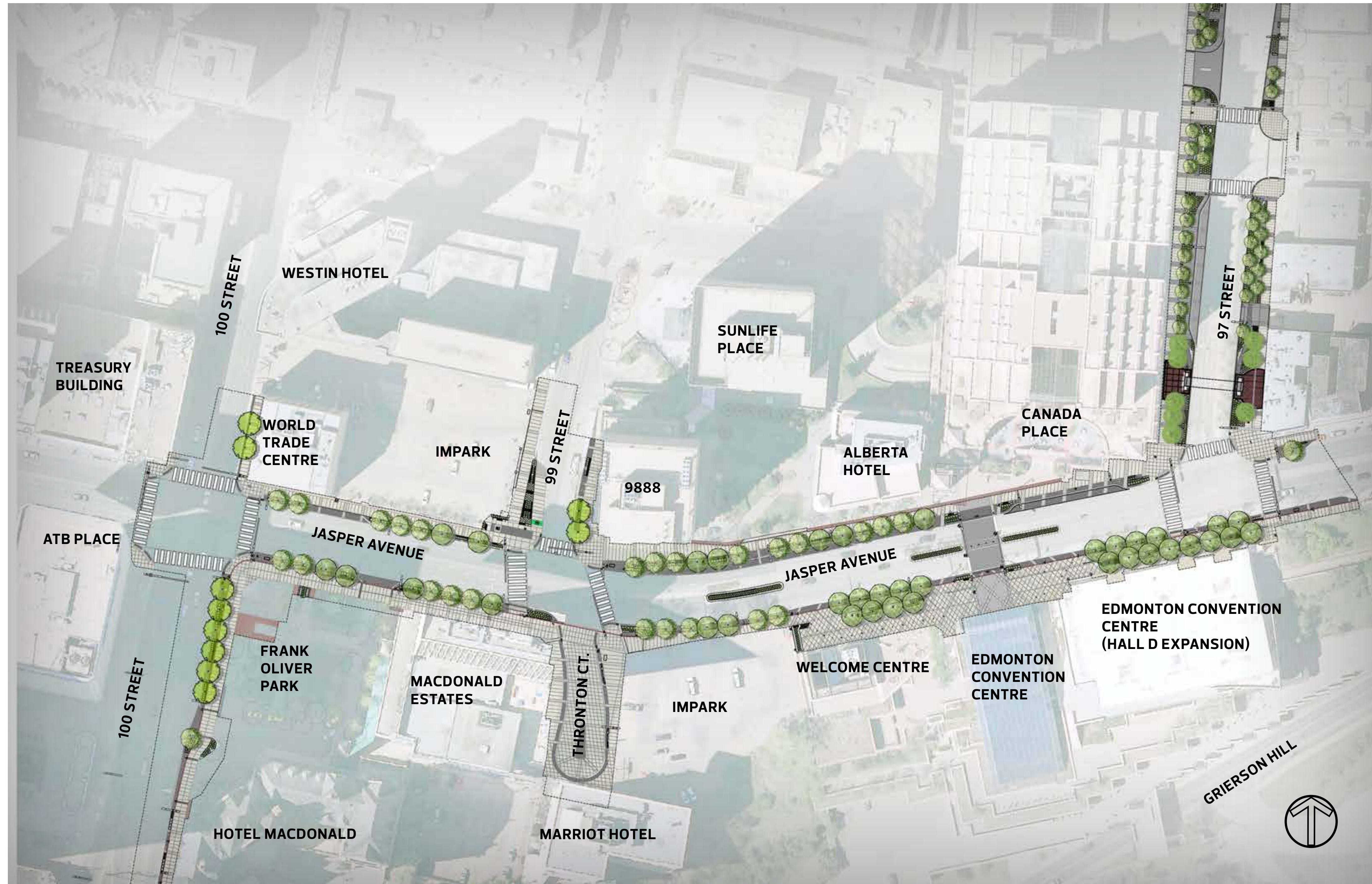
Project Area









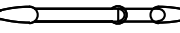
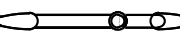
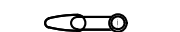









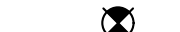



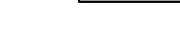









Learn more about this project at: edmonton.ca/JasperAvenueNewVision

Edmonton

Overall Plan



Legend

-  PROJECT BOUNDARY
-  LIT BOLLARD
-  HERITAGE TRAIL BOLLARD
-  TREE GRATE
-  STREET PLAQUE
-  PEDESTRIAN MEGALITH
-  STREET LIGHT WITH PEDESTRIAN LIGHT
-  TRAFFIC SIGNAL
-  PEDESTRIAN LIGHT
-  BIKE RACK
-  WASTE RECEPTACLE
-  ARCADE BENCH
-  RAISED PLANTER A
-  RAISED PLANTER D
-  RAISED PLANTER C
-  RAISED PLANTER B
-  RENOVATED KIOSK
-  GOBO LIGHT
-  BROOM FINISHED CONCRETE THOUGH ZONE
-  CONCRETE HEADER
-  SANDBLASTED CONCRETE
-  SANDBLASTED CONCRETE - ROAD
-  TACTILE PAVERS
-  HERITAGE TRAIL
-  FURNISHING ZONE PAVERS
-  ANCILLARY ZONE PAVERS
-  PAVERS - FRANK OLIVER
-  300X300 GREY PAVERS
-  BIKE LANE
-  PLANTING AREA
-  PROPOSED DECIDUOUS BOULEVARD TREE SPECIES
-  SHRUBS & PERENNIALS



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



Design Elements

Paving



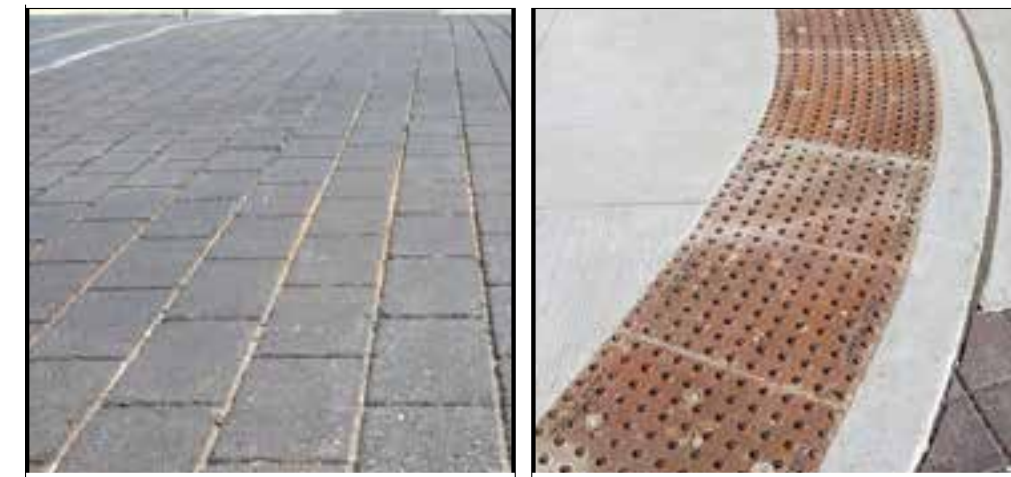
BROOM FINISHED CONCRETE SANDBLASTED BANDS



BLACK PAVERS LIGHT GREY PAVERS



PAINTED BIKE LANES



STAMPED ASPHALT CROSSWALK TACTILE IRON PAVERS

Vegetation



STREET TREES IN SOIL CELLS (MIN 20m³)



MEDIAN PLANTING



AT-GRADE PLANTING



PERENNIALS IN RAISED BEDS RAISED BEDS



Standard Furnishings



PEDESTRIAN LIGHT POLE



CURVED LIGHT POLES



WASTE RECEPTACLES



ROADSTAR LUMINAIRE



PHASE 1 SIGNAL POLE



STREETLIGHT POLE



ARCATA BENCH



HERITAGE TRAIL BOLLARDS



HERITAGE TRAIL HEADER



ANAPOLIS LIT BOLLARD



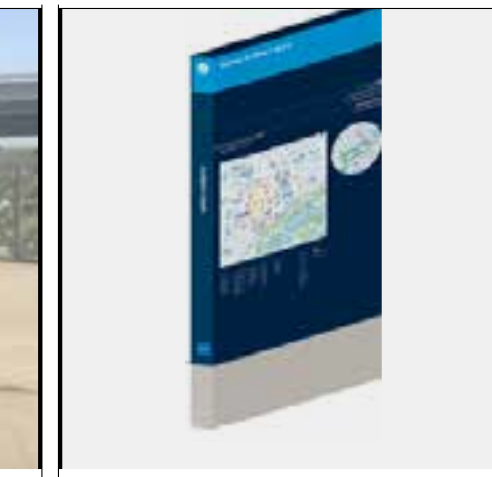
Q-BIKE RACK



TREE GRATE



PEDESTRIAN MINILITH

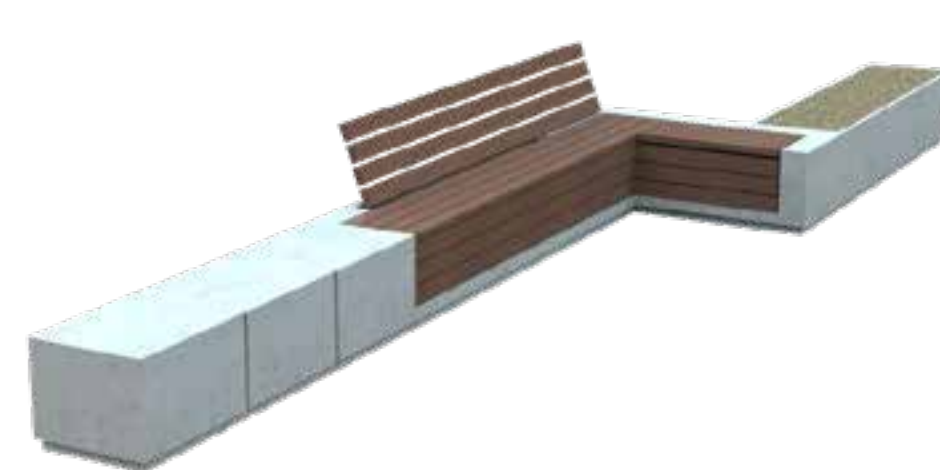


PEDESTRIAN MEGALITH

Custom Furnishings



RAISED PLANTER TYPE A



RAISED PLANTER TYPE B



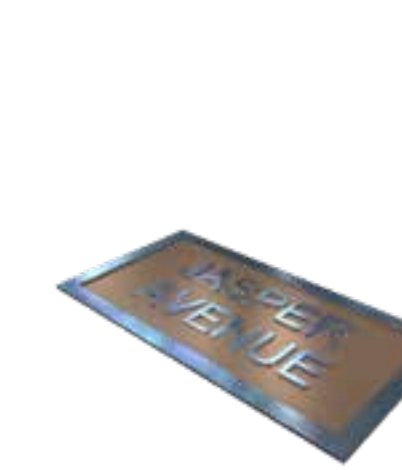
RAISED PLANTER TYPE C



RAISED PLANTER TYPE D



CONCRETE UPSTAND WITH ARCATA BENCH TOPPER



STREET PLAQUE

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

Edmonton

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

Key Plan



Legend

	PROJECT BOUNDARY		BROOM FINISHED CONCRETE THOUGH ZONE
	LIT BOLLARD		CONCRETE HEADER
	HERITAGE TRAIL BOLLARD		SANDBLASTED CONCRETE
	TREE GRATE		SANDBLASTED CONCRETE - ROAD
	STREET PLAQUE		TACTILE PAVERS
	PEDESTRIAN MEGALITH		HERITAGE TRAIL
	STREET LIGHT WITH PEDESTRIAN LIGHT		FURNISHING ZONE PAVERS
	TRAFFIC SIGNAL		ANCILLARY ZONE PAVERS
	PEDESTRIAN LIGHT		PAVERS - FRANK OLIVER
	BIKE RACK		300X300 GREY PAVERS
	WASTE RECEPTACLE		BIKE LANE
	ARCADA BENCH		PLANTING AREA
	RAISED PLANTER A		PROPOSED DECIDUOUS BOULEVARD TREE SPECIES
	RAISED PLANTER D		SHRUBS & PERENNIALS
	RAISED PLANTER C		
	RAISED PLANTER B		
	RENOVATED KIOSK		
	GOBO LIGHT		



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

Edmonton

100 Street

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

Key Plan



Key Notes

	PROJECT BOUNDARY
	LIT BOLLARD
	HERITAGE TRAIL BOLLARD
	TREE GRATE
	STREET PLAQUE
	PEDESTRIAN MEGALITH
	STREET LIGHT WITH PEDESTRIAN LIGHT
	TRAFFIC SIGNAL
	PEDESTRIAN LIGHT
	BIKE RACK
	WASTE RECEPTACLE
	ARCADA BENCH
	RAISED PLANTER A
	RAISED PLANTER D
	RAISED PLANTER C
	RAISED PLANTER B
	GOBO LIGHT
	BROOM FINISHED CONCRETE THOUGH ZONE
	CONCRETE HEADER
	SANDBLASTED CONCRETE
	SANDBLASTED CONCRETE - ROAD
	TACTILE PAVERS
	HERITAGE TRAIL
	FURNISHING ZONE PAVERS
	ANCILLARY ZONE PAVERS
	PAVERS - FRANK OLIVER
	300X300 GREY PAVERS
	BIKE LANE
	PLANTING AREA
	PROPOSED DECIDUOUS BOULEVARD TREE SPECIES
	SHRUBS & PERENNIALS



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

Jasper Avenue at 99 Street

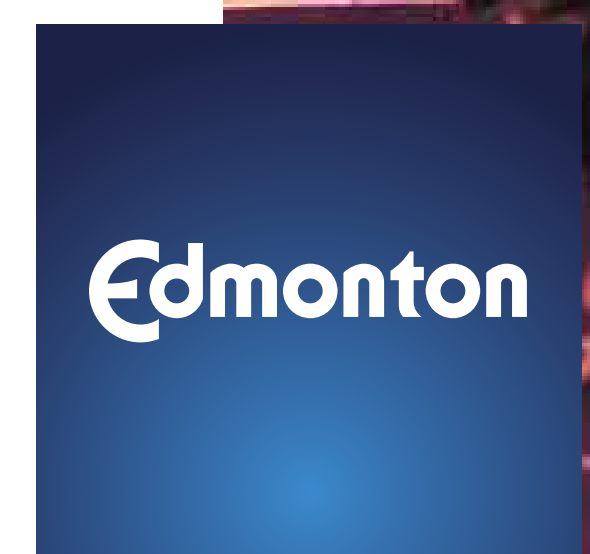
- » Intersection realigned to provide better north-south movements
- » New mini-plaza at northwest corner features “Merchant Statue” moved from World Trade Centre
- » Bike connection on south side of Jasper Avenue crosses intersection and continues along west side of 99 Street

Key Plan



Legend

	PROJECT BOUNDARY
	LIT BOLLARD
	HERITAGE TRAIL BOLLARD
	TREE GRATE
	STREET PLAQUE
	PEDESTRIAN MEGALITH
	STREET LIGHT WITH PEDESTRIAN LIGHT
	TRAFFIC SIGNAL
	PEDESTRIAN LIGHT
	BIKE RACK
	WASTE RECEPTACLE
	ARCADA BENCH
	RAISED PLANTER A
	RAISED PLANTER D
	RAISED PLANTER C
	RAISED PLANTER B
	RENOVATED KIOSK
	GOBO LIGHT
	BROOM FINISHED CONCRETE
	CONCRETE TROUGH ZONE
	CONCRETE HEADER
	SANDBLASTED CONCRETE
	SANDBLASTED CONCRETE - ROAD
	TACTILE PAVERS
	HERITAGE TRAIL
	FURNISHING ZONE PAVERS
	ANCILLARY ZONE PAVERS
	PAVERS - FRANK OLIVER
	300X300 GREY PAVERS
	BIKE LANE
	PLANTING AREA
	PROPOSED DECIDUOUS BOULEVARD TREE SPECIES
	SHRUBS & PERENNIALS



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

Edmonton

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

Key Plan



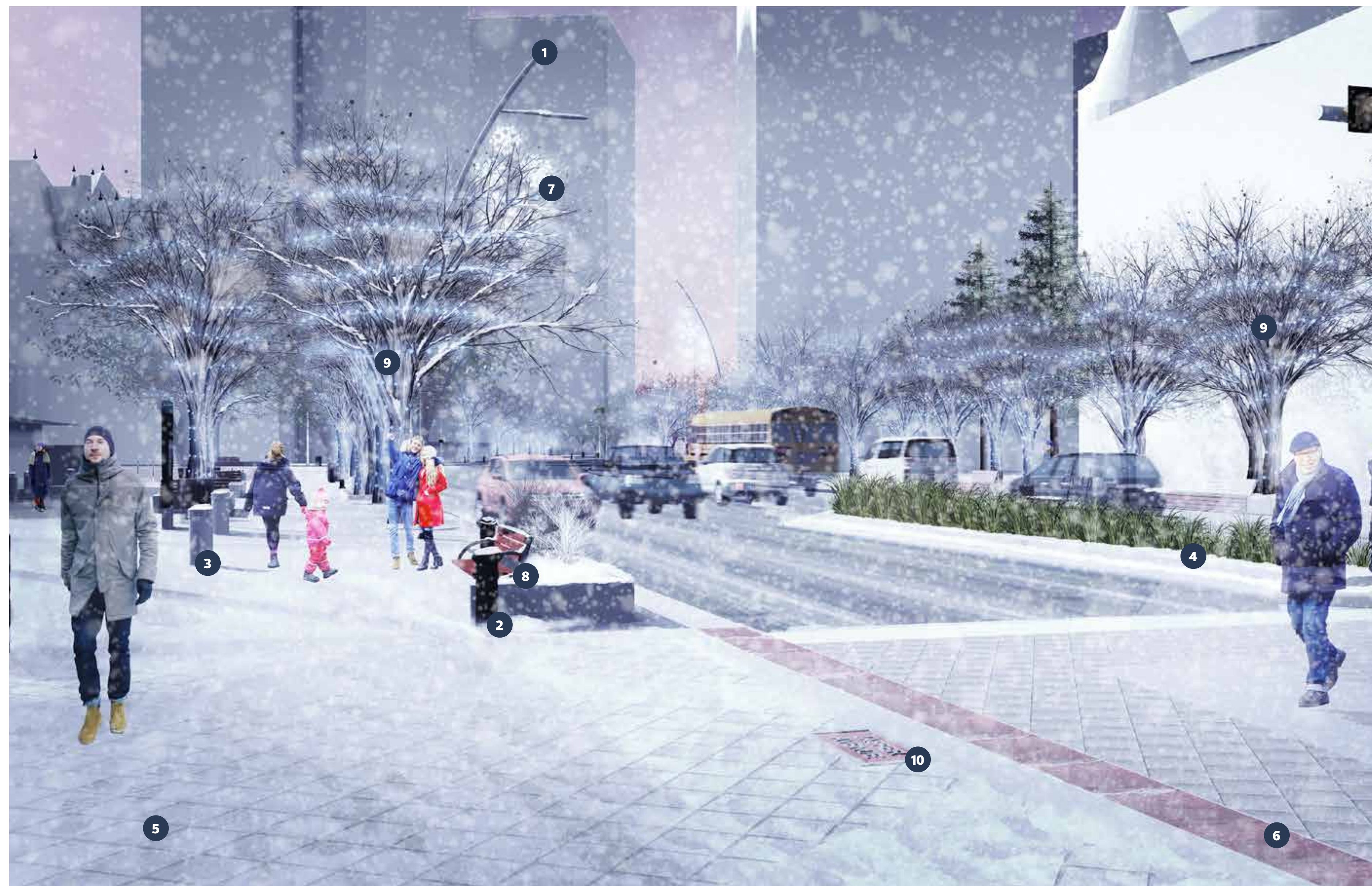
Legend

- PROJECT BOUNDARY
- LIT BOLLARD
- HERITAGE TRAIL BOLLARD
- TREE GRATE
- STREET PLAQUE
- PEDESTRIAN MEGALITH
- STREET LIGHT WITH PEDESTRIAN LIGHT
- TRAFFIC SIGNAL
- PEDESTRIAN LIGHT
- BIKE RACK
- WASTE RECEPTACLE
- ARCADA BENCH
- RAISED PLANTER A
- RAISED PLANTER D
- RAISED PLANTER C
- RAISED PLANTER B
- RENOVATED KIOSK
- GOBO LIGHT
- BROOM FINISHED CONCRETE THOUGH ZONE
- CONCRETE HEADER
- SANDBLASTED CONCRETE
- SANDBLASTED CONCRETE - ROAD
- TACTILE PAVERS
- HERITAGE TRAIL
- FURNISHING ZONE PAVERS
- ANCILLARY ZONE PAVERS
- PAVERS - FRANK OLIVER
- 300X300 GREY PAVERS
- BIKE LANE
- PLANTING AREA
- PROPOSED DECIDUOUS BOULEVARD TREE SPECIES
- SHRUBS & PERENNIALS



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

Edmonton

97 Street North of Jasper Avenue

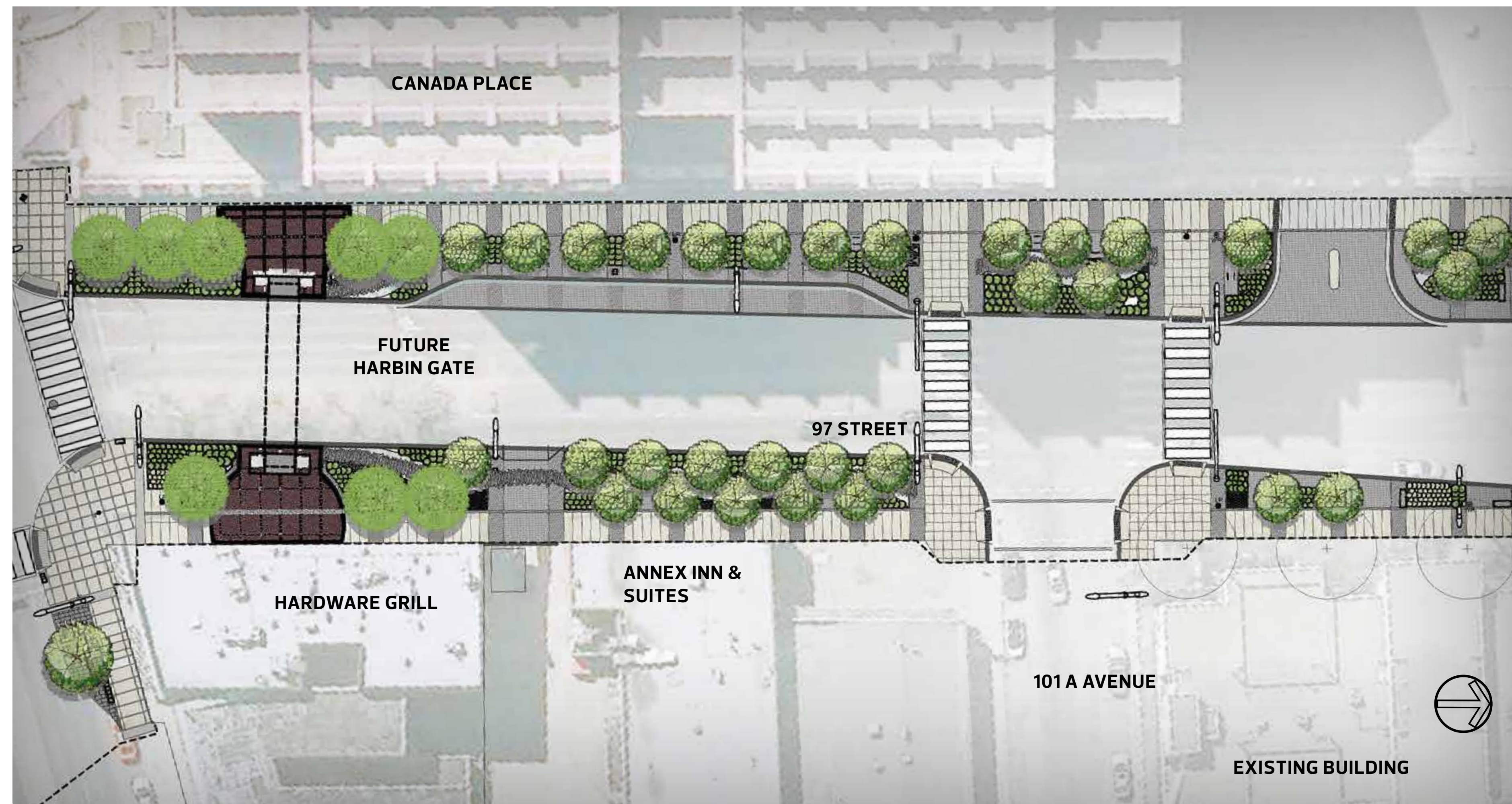
- » Wider sidewalks constructed
- » New plantings added
- » Enhanced pedestrian crossings with flashing lights at 101A Avenue

Key Plan



Legend

- PROJECT BOUNDARY
- LIT BOLLARD
- HTB HERITAGE TRAIL BOLLARD
- TREE GRATE
- STREET PLAQUE
- PMH PEDESTRIAN MEGALITH
- STREET LIGHT WITH PEDESTRIAN LIGHT
- TRAFFIC SIGNAL
- PEDESTRIAN LIGHT
- BIKE RACK
- WR WASTE RECEPTACLE
- ARCADA BENCH
- RAISED PLANTER A
- RAISED PLANTER D
- RAISED PLANTER C
- RAISED PLANTER B
- RENOVATED KIOSK
- GOBO LIGHT
- BROOM FINISHED CONCRETE THOUGH ZONE
- CONCRETE HEADER
- SANDBLASTED CONCRETE
- SANDBLASTED CONCRETE - ROAD
- TACTILE PAVERS
- HERITAGE TRAIL
- FURNISHING ZONE PAVERS
- ANCILLARY ZONE PAVERS
- PAVERS - FRANK OLIVER
- 300X300 GREY PAVERS
- BIKE LANE
- PLANTING AREA
- PROPOSED DECIDUOUS BOULEVARD TREE SPECIES
- SHRUBS & PERENNIALS

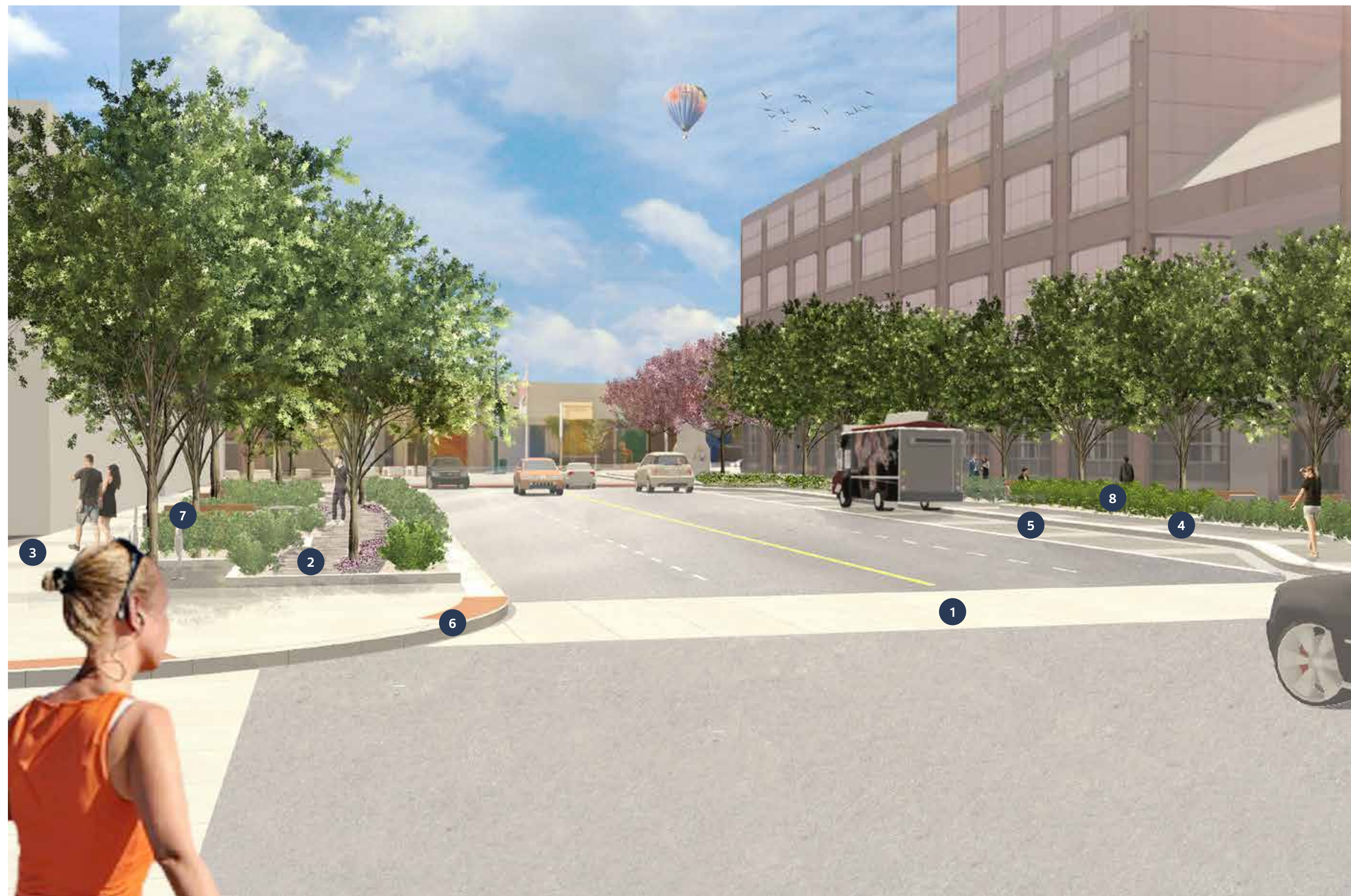


Learn more about this project at: edmonton.ca/JasperAvenueNewVision



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

Edmonton

Construction Schedule

2020

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

2021

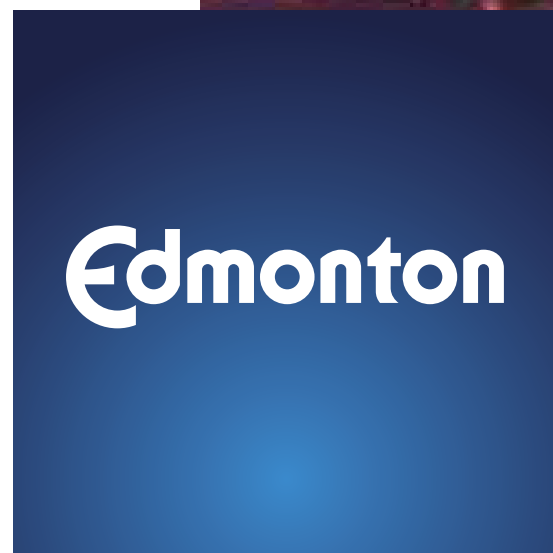
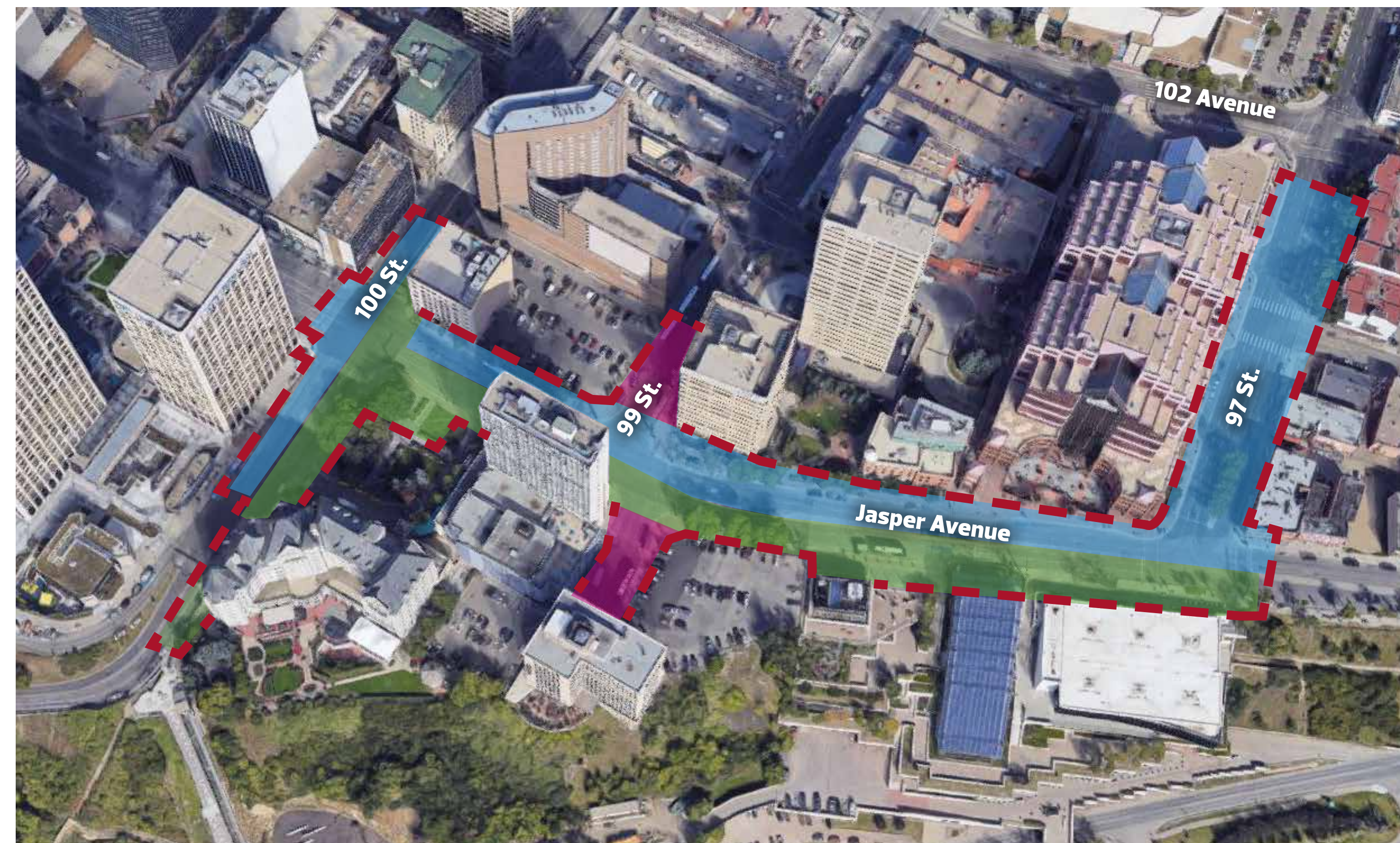
Jasper Avenue: 100 Street to 97 Street – north side
97 Street from Jasper Avenue to 102 Avenue

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



Imagine Jasper Avenue

114 Street to 109 Street

Construction: April 2020 – Fall 2022

Landscaping: 2022

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

The Edmonton logo, featuring the word "Edmonton" in white text on a dark blue square background. The background of the entire page is a photograph of a city street at dusk or dawn, with a person walking a dog in the foreground and buildings and streetlights in the background.

Edmonton

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

LEGEND

- Street Tree
- Broom or Decorative Finish Concrete with Tooled Joints
- Precast Concrete Unit Pavers
- Shrub and Perennial Planting
- Sod
- 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

IMPROVED CONDITIONS FOR PEDESTRIANS ALONG AVENUE

- Crossing distance across Jasper Avenue and side streets reduced
- Signals at all intersections are timed for pedestrians
- Crosswalks are provided on each side of the intersection, in all directions
- Crosswalk markings - "zebra stripes" will be provided at each crosswalk to increase pedestrian visibility
- Curb ramps are separated, and direct pedestrians to the center of the crosswalk

GATHERING SPACES AT CORNERS

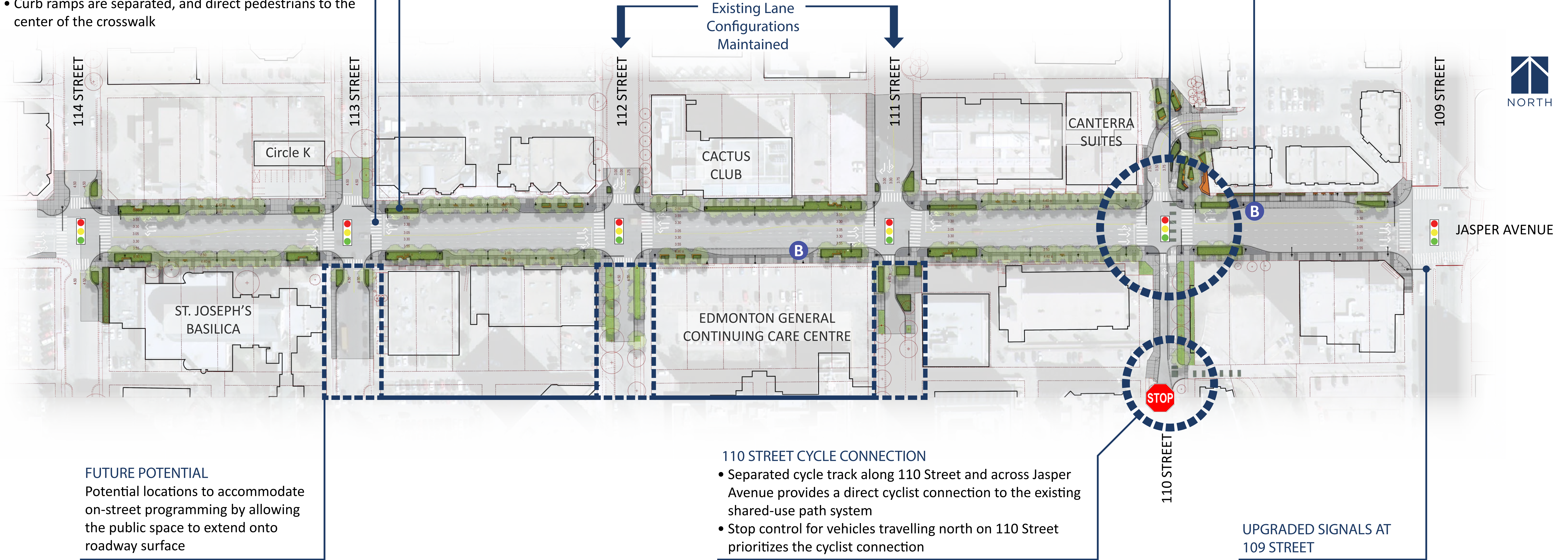
- Larger corner bulbs provided to reduce crossing distances, and for planting and gathering spaces
- Recessed seating nodes in planting beds

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 sidewalk north of Jasper Avenue
- Redeveloped plaza space on north side provides improved landscaping and gathering space

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.



FUTURE POTENTIAL

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

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

UPGRADED SIGNALS AT 109 STREET

114 STREET TO 109 STREET

- 4 TRAVEL LANES, WITH CENTER LEFT-TURN LANE





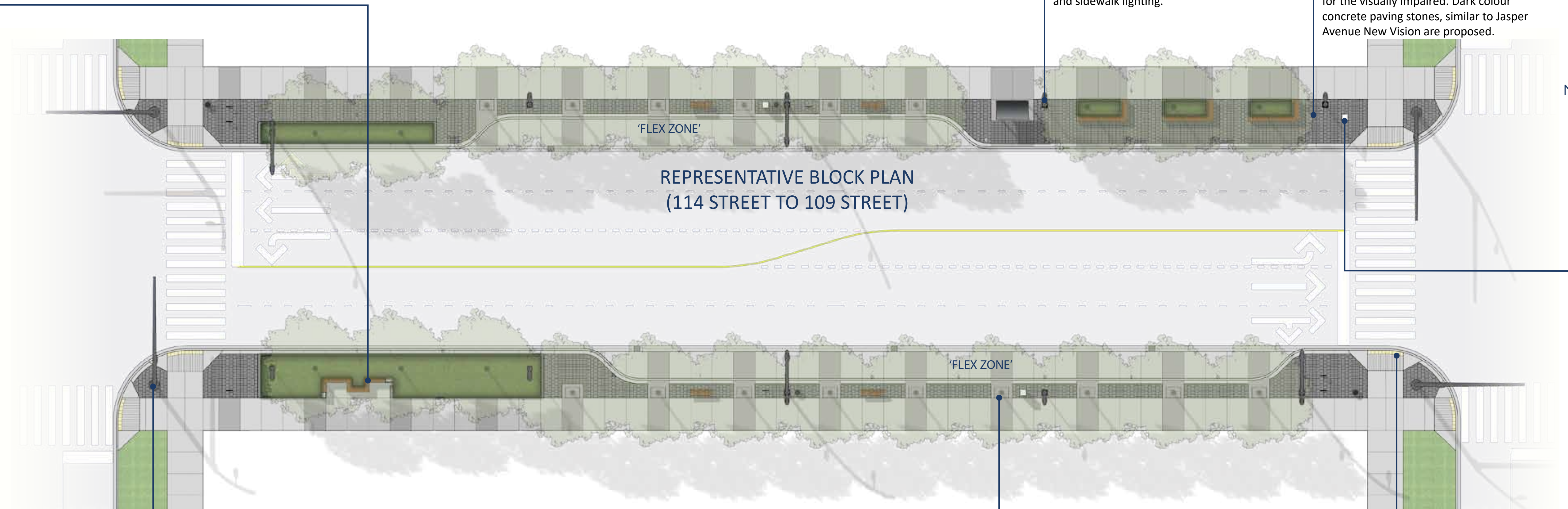
Wood Benches at Gathering Areas
 Comfortable wood seating with back and arm rests will be provided along Jasper Avenue. The adaptable design allows for the creation of a variety of seating types that are visually consistent.



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.



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.



Traffic Signals
 Full signals at all intersections with automatic pedestrian cycle (no need to push button to get crossing light).



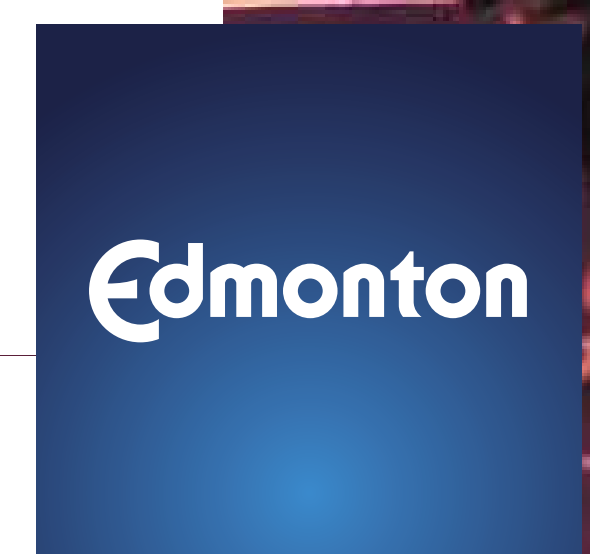
Benches, Bike Racks, Waste Receptacles & Tree Grates
 Consistent with Jasper Avenue New Vision to provide visual continuity and simplify maintenance and/or replacement in the future.



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



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



View of Typical Seating Node



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 RAMP**
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 stripes" 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 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.
- 7 STREET TREES**
Street trees are provided along the length of Jasper Avenue. Brandon Elm, Autumn Blaze Maple and Bur Oak are the species proposed. Trees are shown at approximately 10 years growth from time of planting.

Edmonton

View of Typical Sidewalk



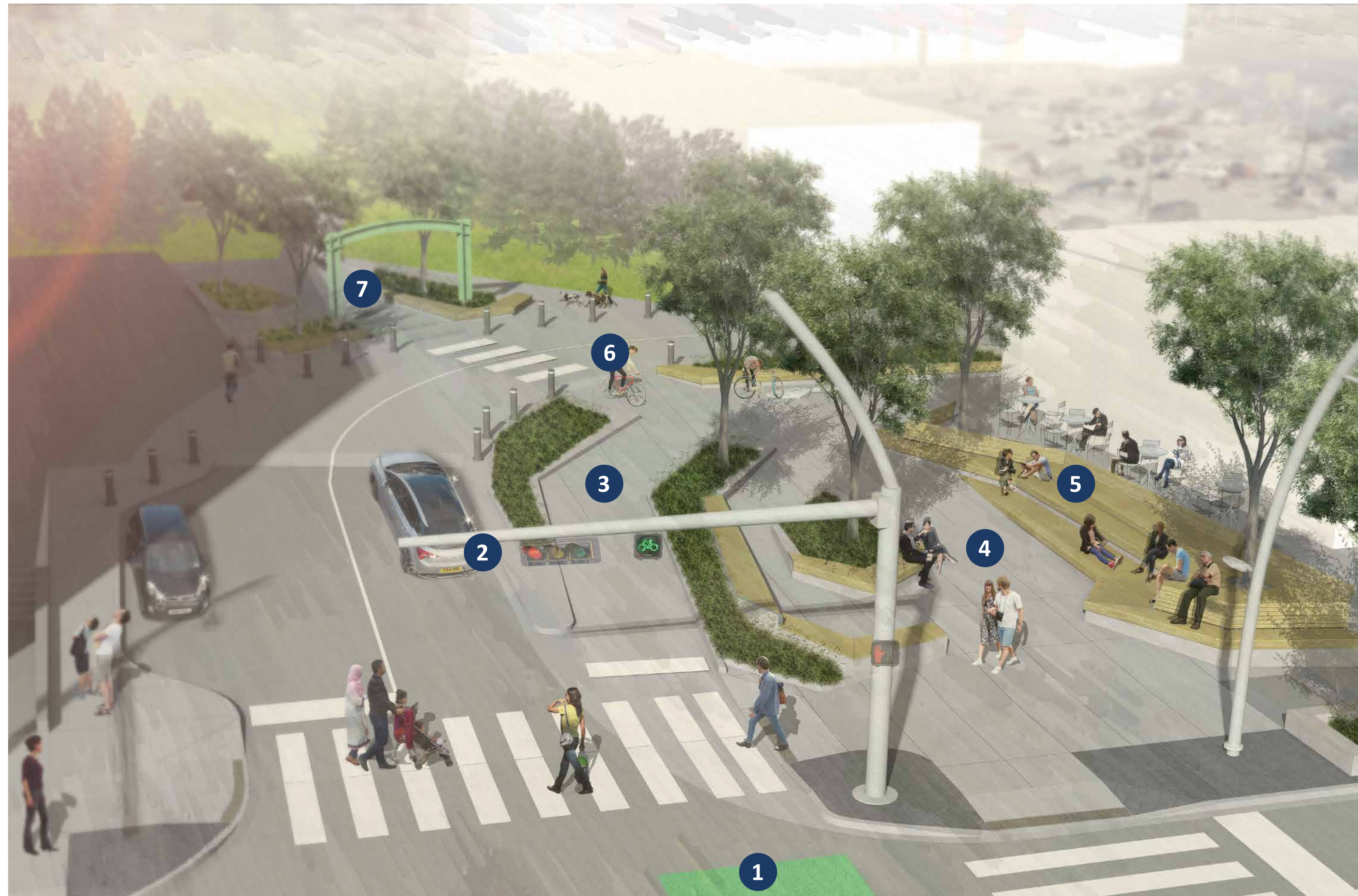
Key Notes

- 1 BUS STOP IN CORNER BULB (FUTURE OPERATIONS)**
Bus stops are located in long corner bulbs, separate from the sidewalk. The area is paved in dark concrete pavers 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 sidewalks. Each ramp contains a Tactile Walking Surface Indicator (dimpled steel strip) to assist those with visual impairment.
- 6 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.
- 7 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.
- 8 LIGHTING**
Pedestrian lighting to illuminate the sidewalk and seating areas. Light fixtures match those used on Jasper Avenue New Vision.
- 9 STREET TREES**
Street trees are provided along the 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

Edmonton

View of 110 Street Intersection

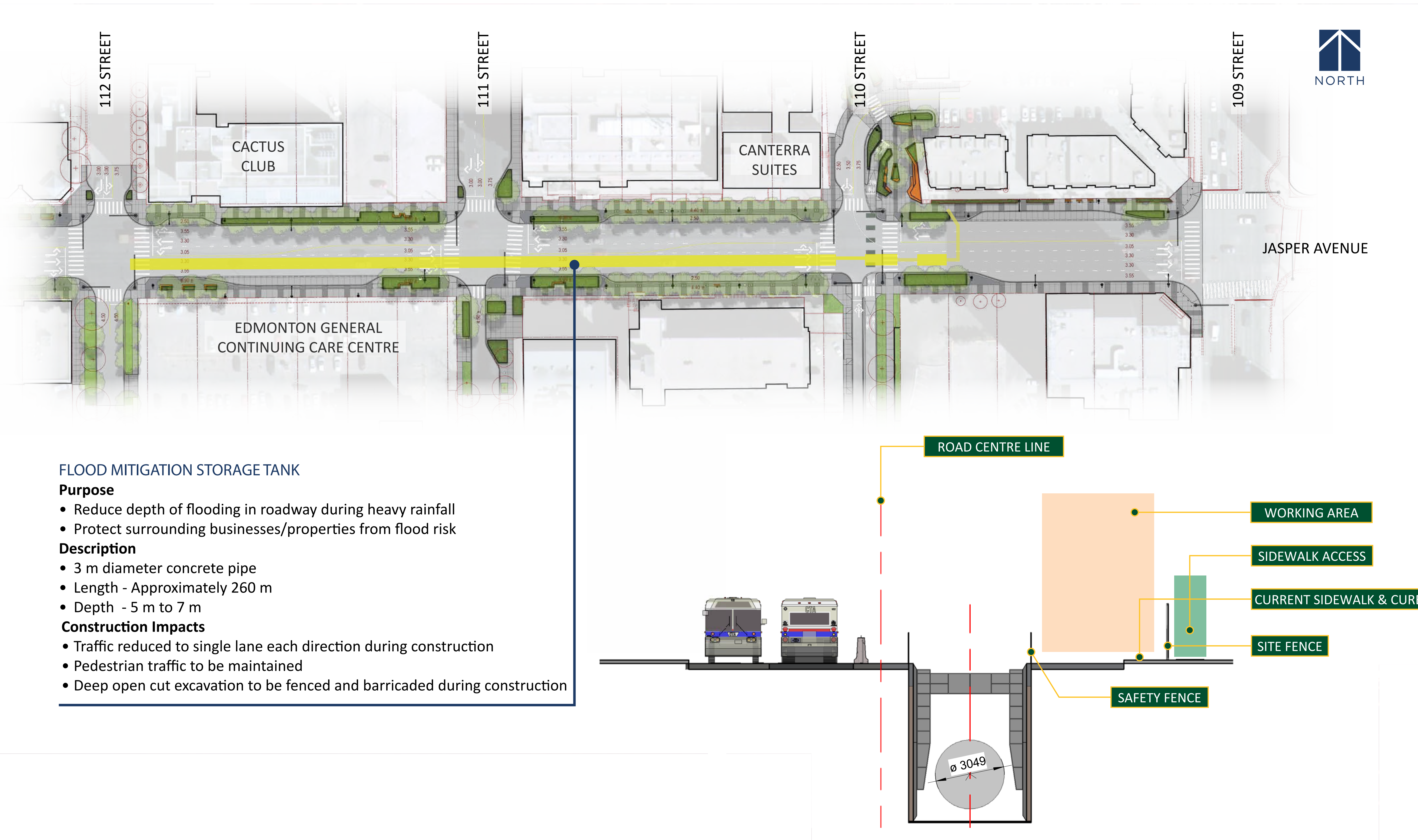


Key Notes

- 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 terraced to allow people to sit at different levels. Larger areas for lounging are provided. The seating is oriented to the west to take advantage of the afternoon sunlight.
- 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.

Edmonton

Jasper Avenue/110 Street Flood Mitigation



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