

BETHUNE STREET PROJECT

Overview

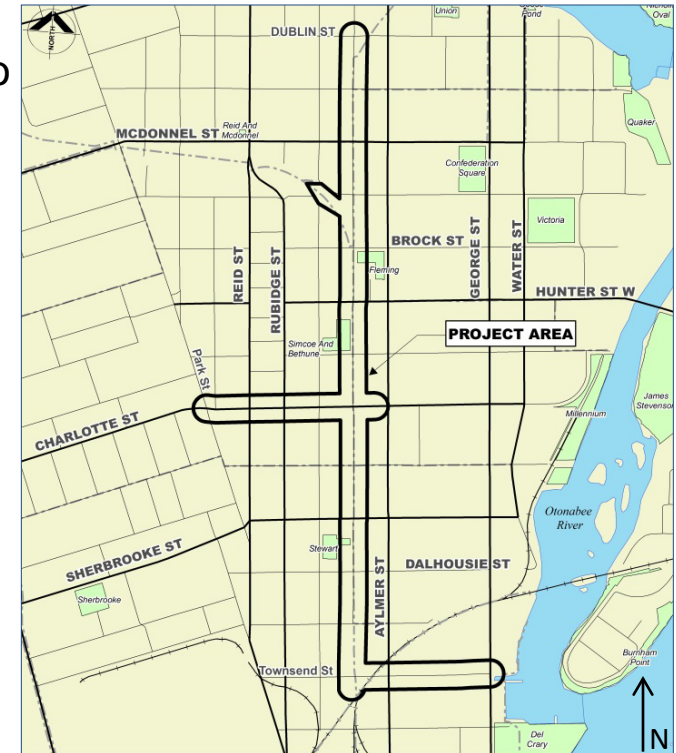
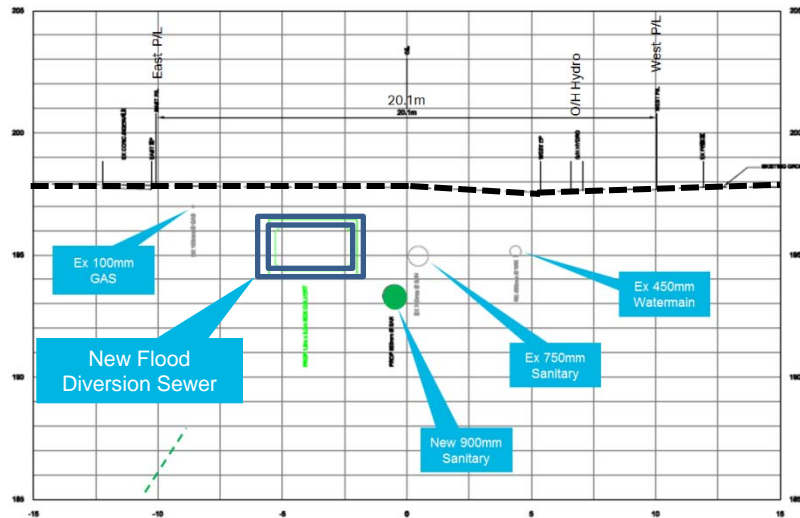
**Land Use Planning & Urban Design
Bethune Street Streetscape**

Nov. 7, 2016

Bethune Street Project

Project Purpose

The City of Peterborough has initiated the detailed design for the Jackson Creek Flood Diversion sewer, as well as sanitary sewer upgrades from Dalhousie Street to Dublin Street. The purpose of the **Bethune Street Project** is to provide a detailed plan for the reconstruction of Bethune Street and the affected portions of Charlotte and Townsend Streets in order to establish a vision for the project area.

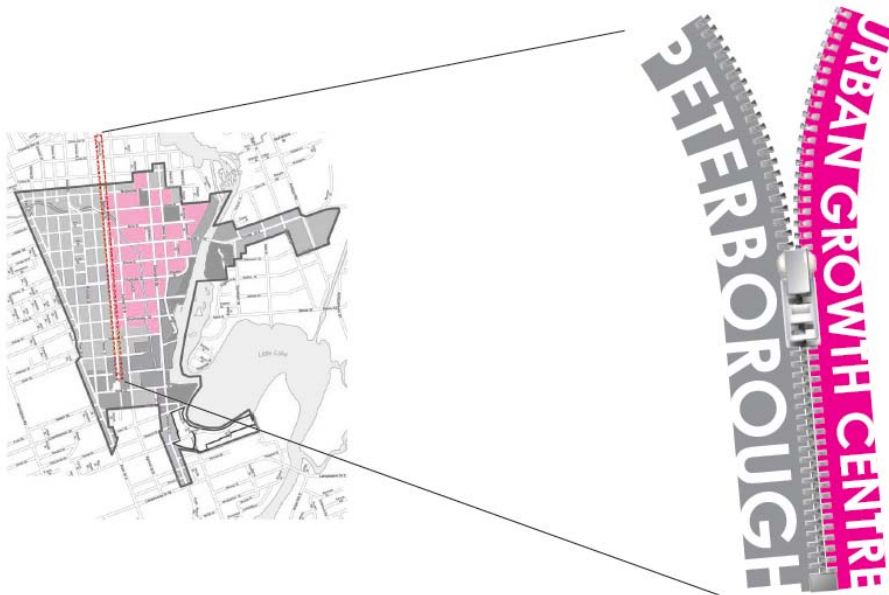


Bethune Street Project Area Plan

Project Purpose (cont.)

A **context-sensitive streetscape plan** will be developed to create a positive public realm along with transitions to surrounding areas while integrating other community needs in the area.

The Bethune Street Project will recommend a **framework for the evolution of land use and built form** along the Bethune Street corridor that works together with the redesigned street to meet the multiple objectives of the Central Area Master Plan.



BETHUNE STREET PROJECT

LAND USE + URBAN DESIGN RECOMMENDATIONS

Vision

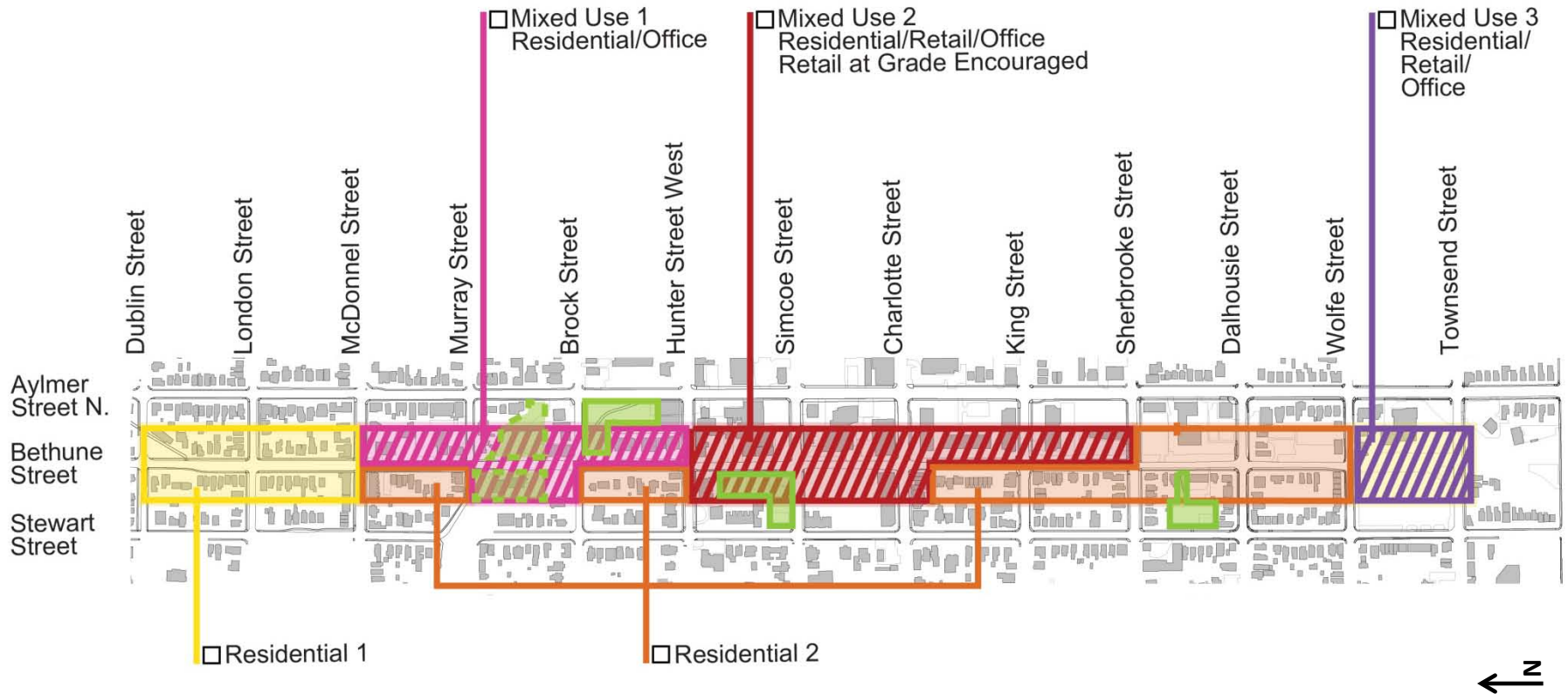
The Bethune Street corridor will integrate buildings, private and public spaces and streets to create a safe, attractive and accessible urban place which serves as an exceptional environment for pedestrians and cyclists and successfully transitions between the different activities and intensities present in the Central Area.



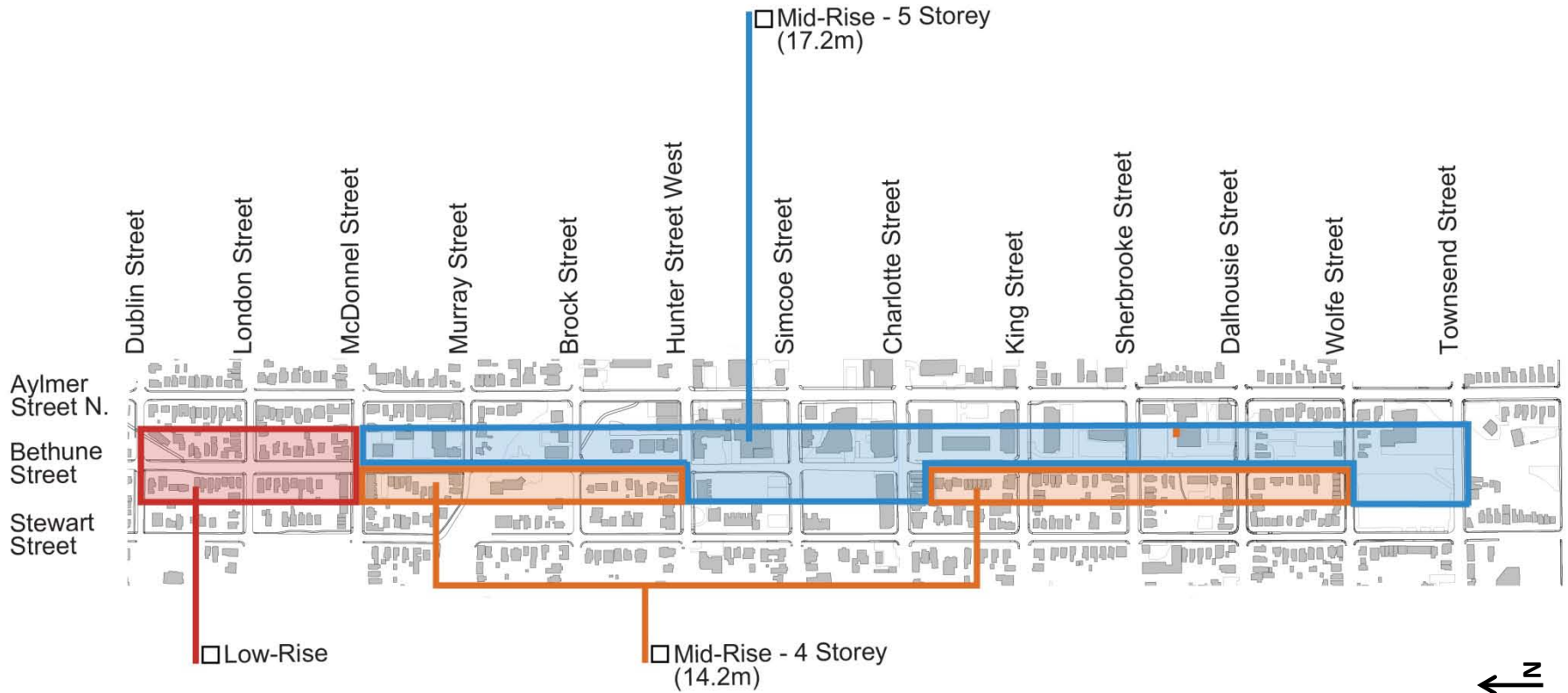
Guiding Principles

1. Integrate public and private elements to create a high quality urban place
2. Enhance connectivity along and across the corridor
3. Create an exceptional environment for pedestrians and cyclists that fosters active transportation and incorporates accessible public realm design that recognizes all users
4. Improve the quality of life of local residents, workers and visitors to the area
5. Strengthen the role of the Central Area and provide appropriate transitions between sub-areas
6. Foster context-sensitive intensification
7. Link design approach to surrounding streetscapes
8. Celebrate the cultural heritage of the corridor and adjoining areas
9. Utilize public art to create distinctive destinations and event spaces
10. Contribute to the urban forest, green the street, and improve the environmental performance of the public right-of-way

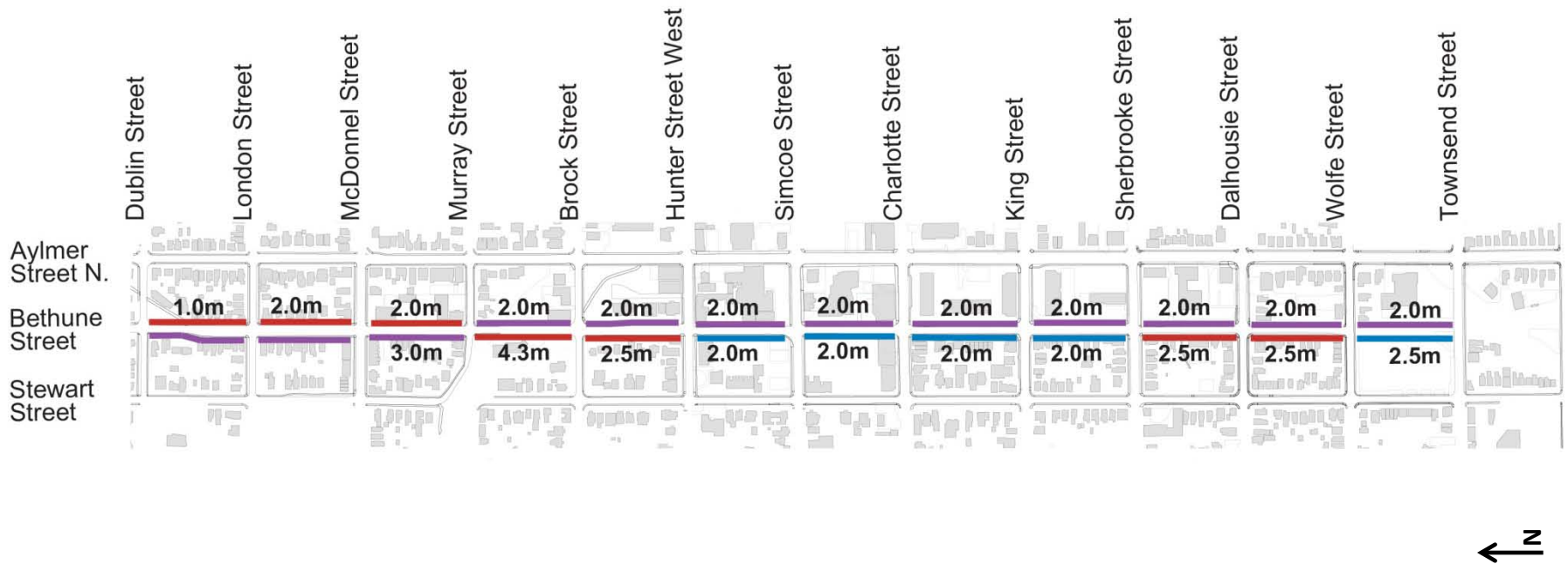
Recommendations: Land Use



Recommendations: Heights



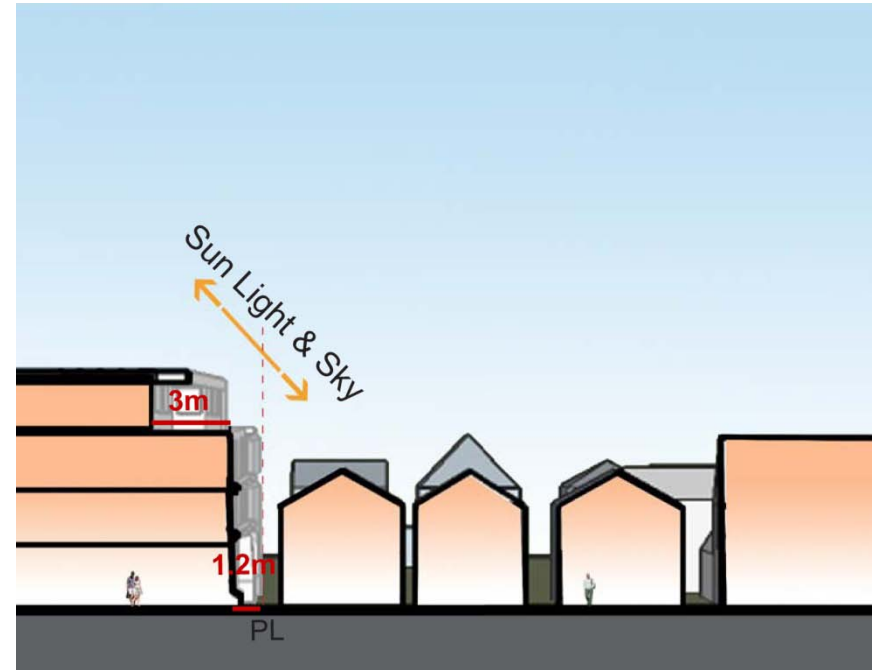
Recommendations: Setbacks



Transitions

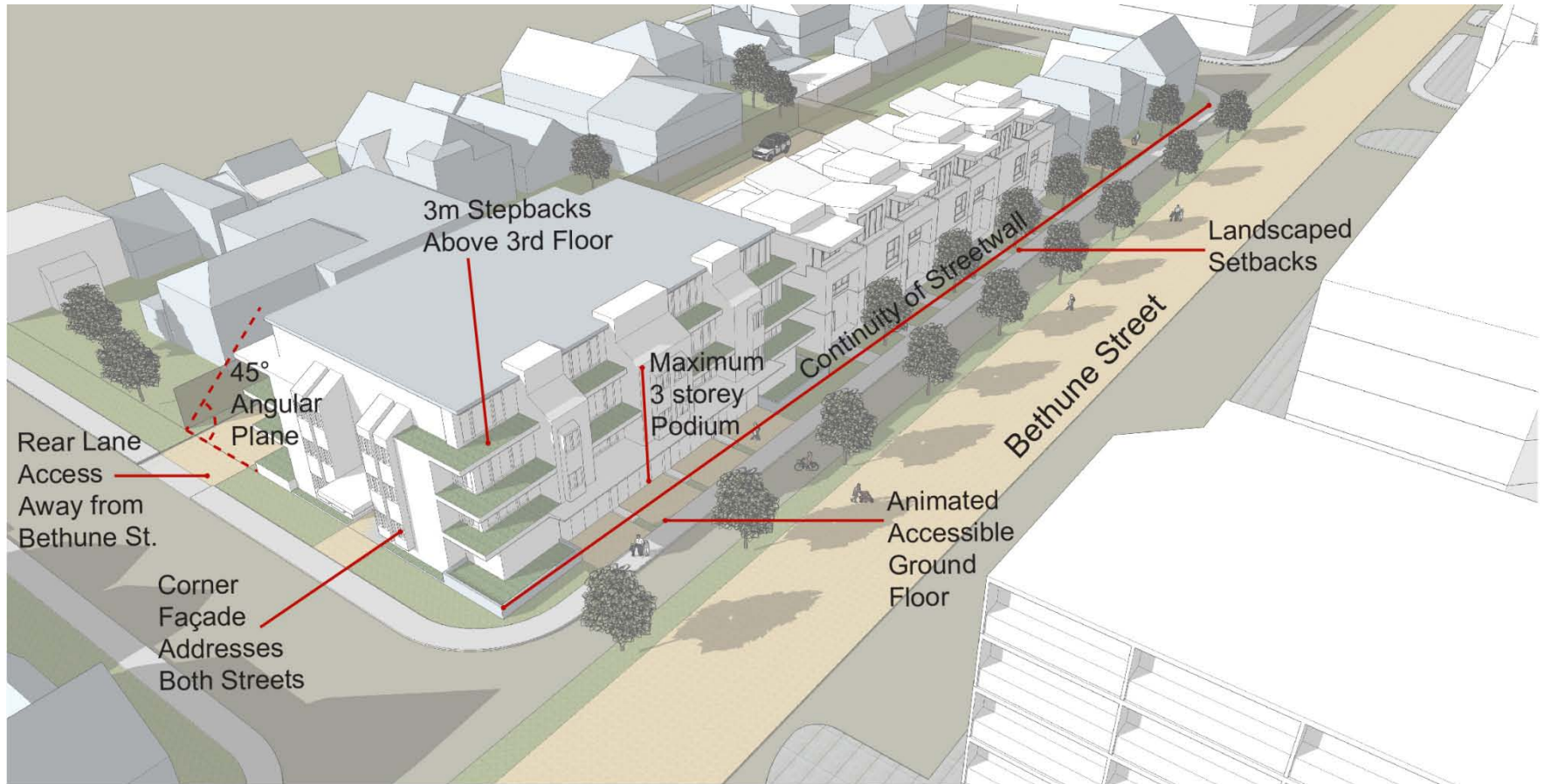


Rear Transitions



Lateral Transitions

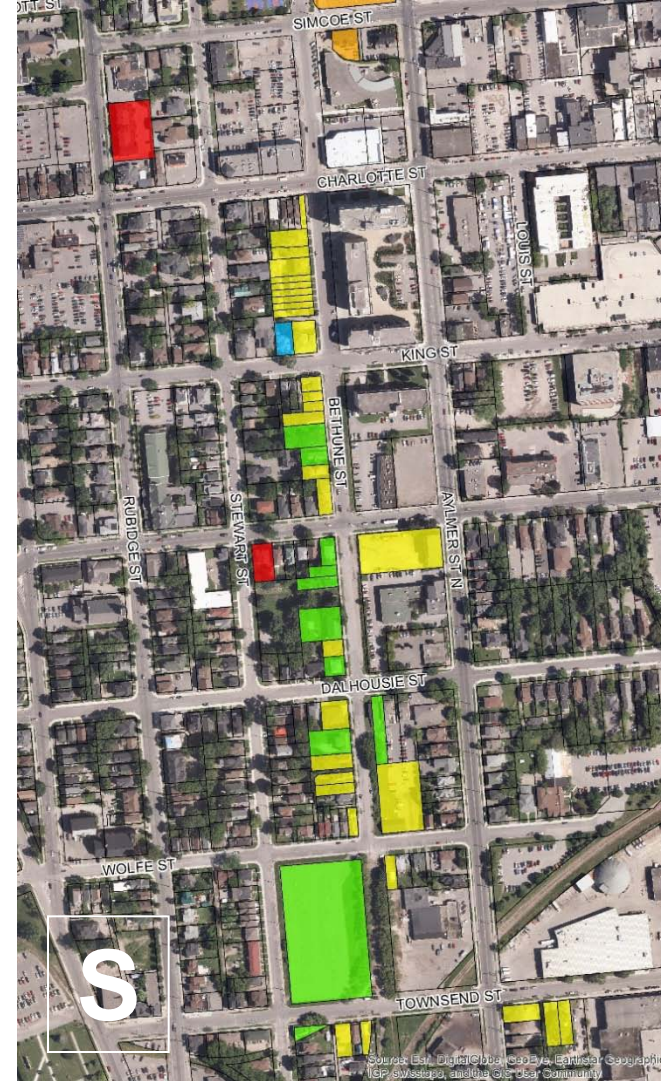
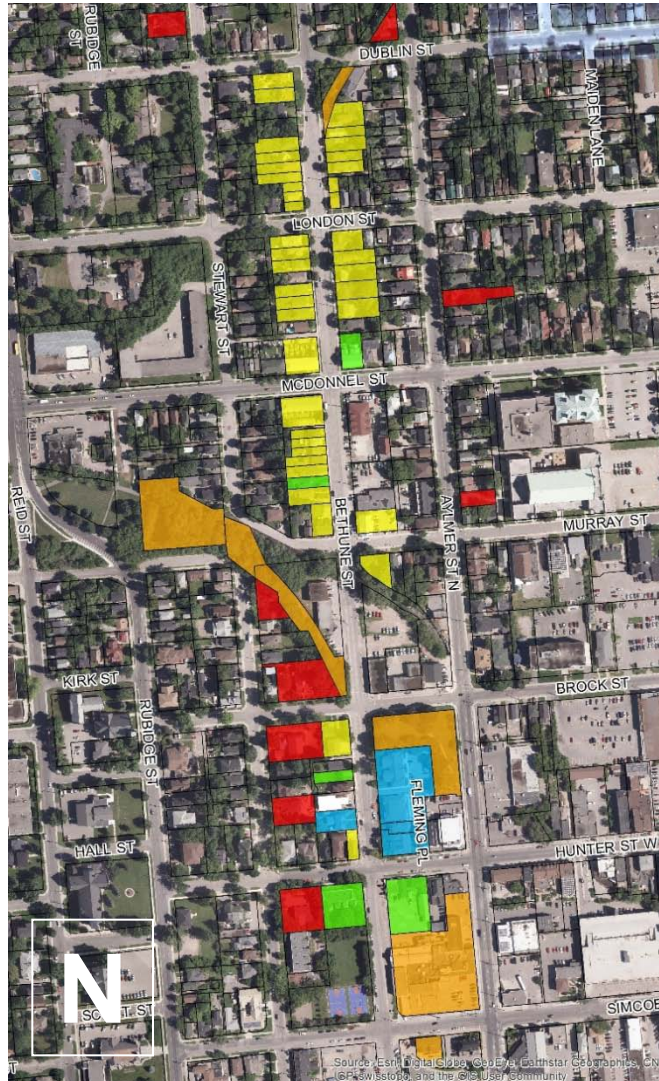
Demonstration



Heritage



- Category A
- Category B
- Category C
- Designated (OHA, pt IV)
- Proposed Candidate Property



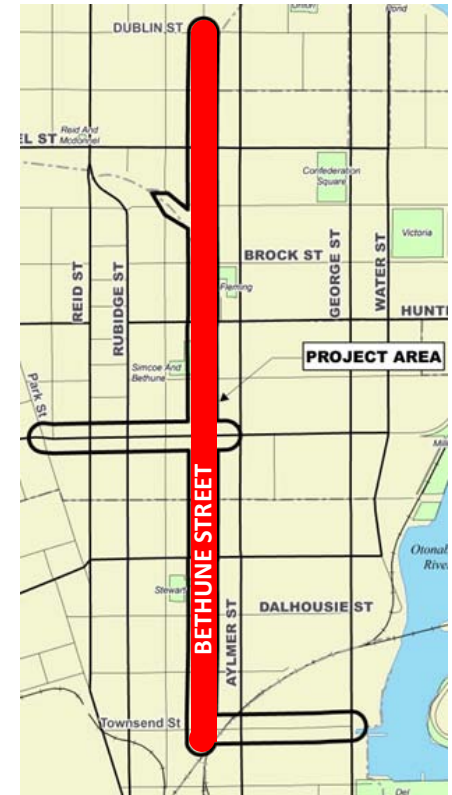


BETHUNE STREET PROJECT

BETHUNESCAPE STREETSCAPE MASTER PLAN

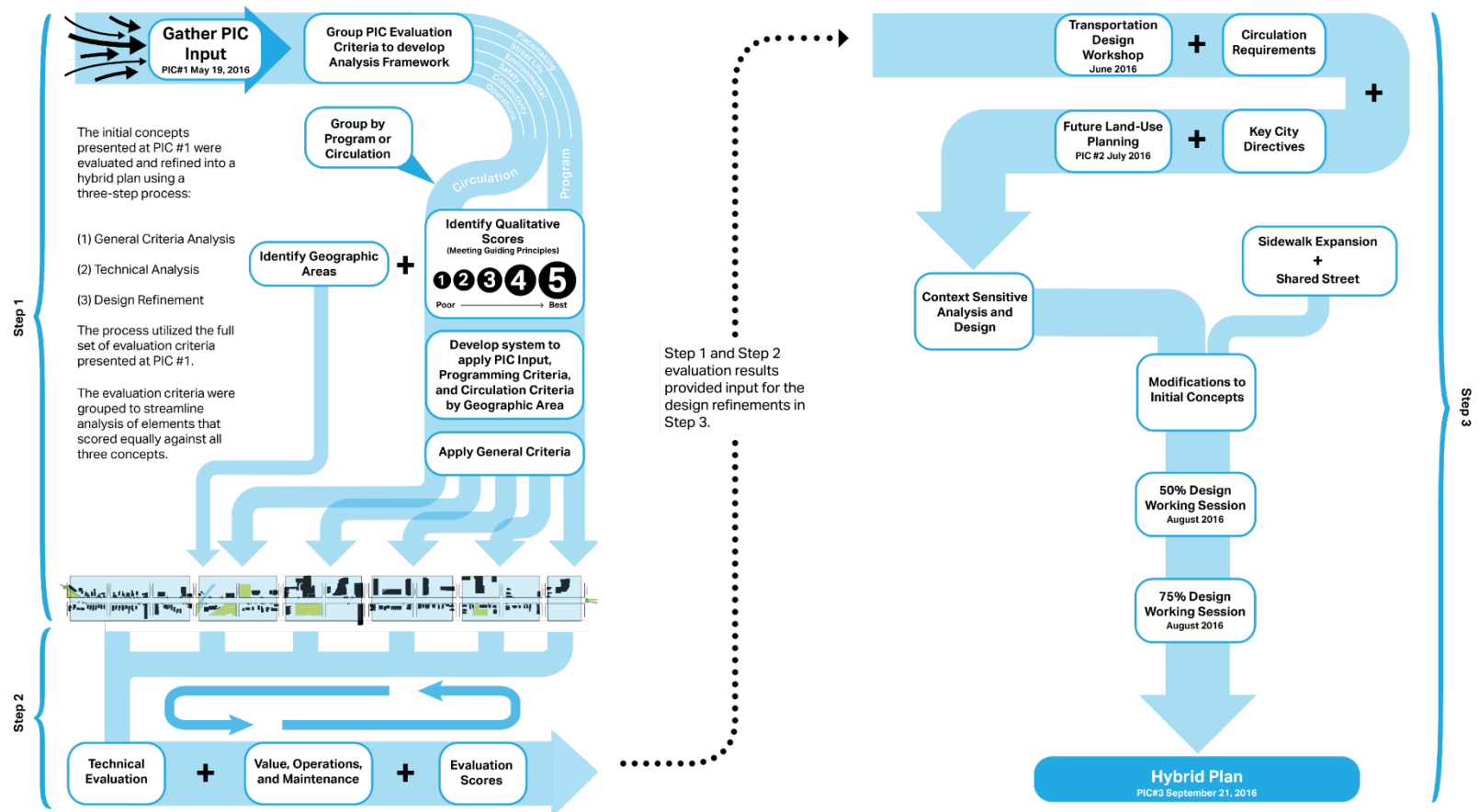
Streetscape Design Vision

Bethune Street will accommodate pedestrians and cyclists of all abilities, as well as slow moving, local vehicular traffic within a park-like linear corridor that is designed to maximize greening, public spaces, pedestrian realm, programming, and parks and trails connectivity.



Bethune Street Project

Evaluation of Alternative Streetscape Concepts





Bethunescape

Streetscape Master Plan: Hybrid Concept

The hybrid concept integrates local vehicular traffic within a park-like linear corridor through:

- Bicycle priority street & cycle track
- Wider sidewalk for trail users
- Gathering spaces
- Program elements
- Four themed walks:
 - Forest Walk
 - Heritage Walk
 - Art Walk
 - Garden Walk
- Three activity nodes:
 - Simcoe Squared
 - Charlotte Plaza
 - Gateway Park

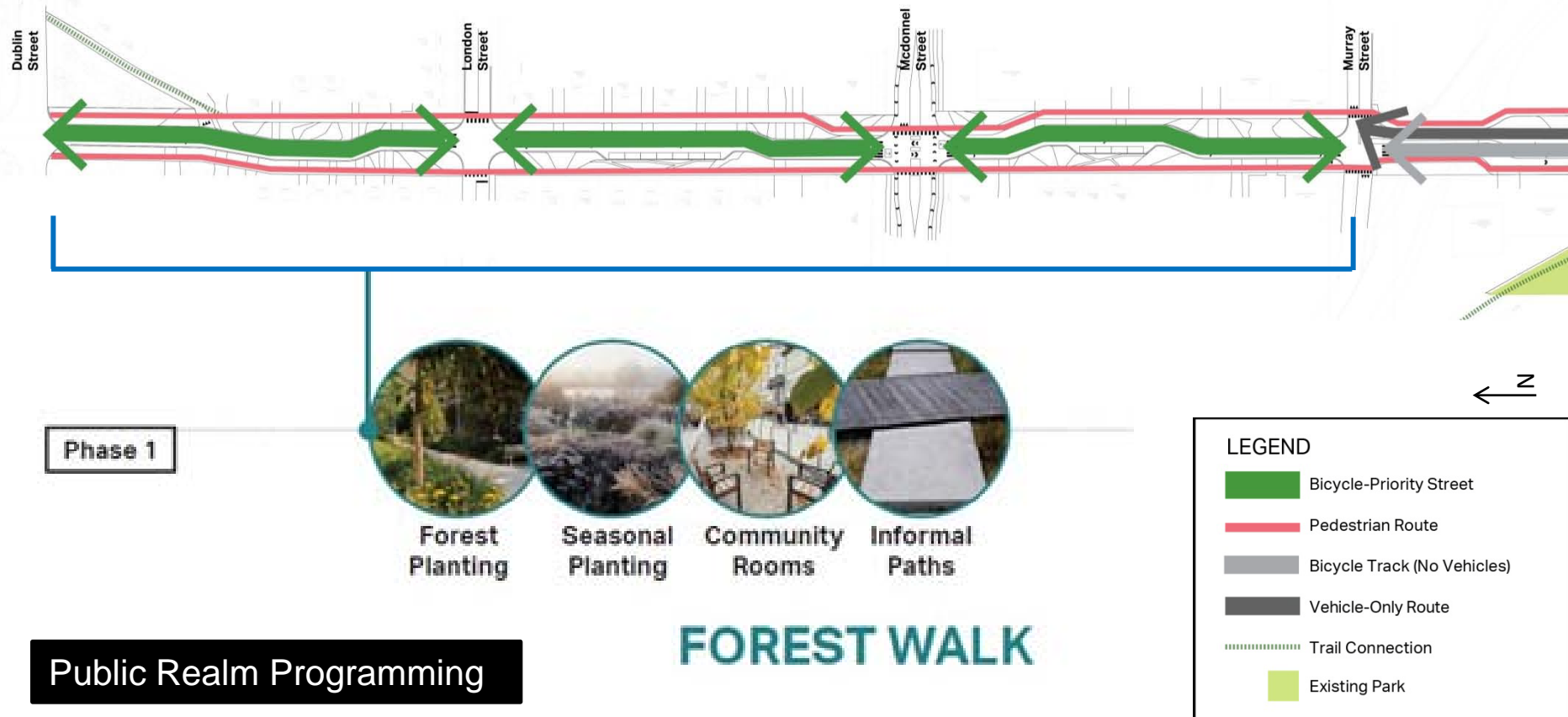


The Garden Walk at Stewart Street Park along Bethune Street

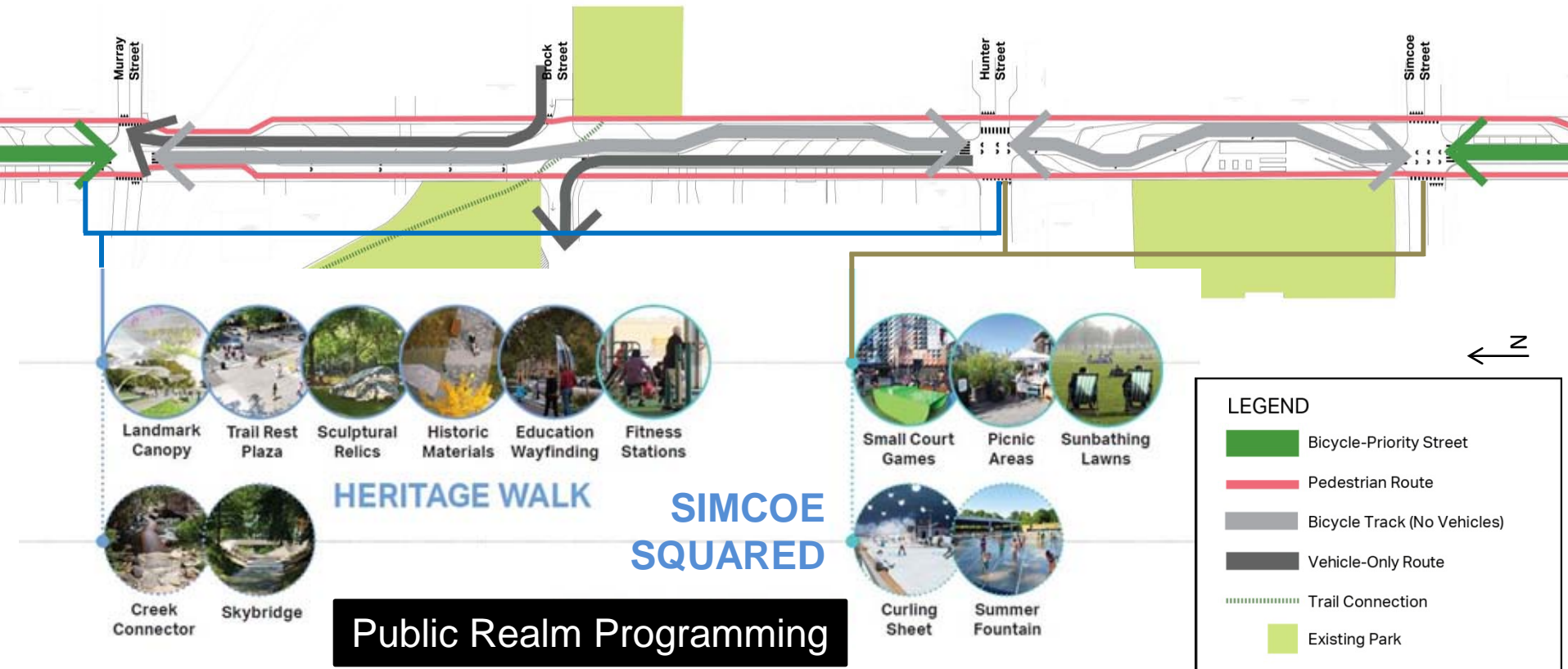


Bethunescape

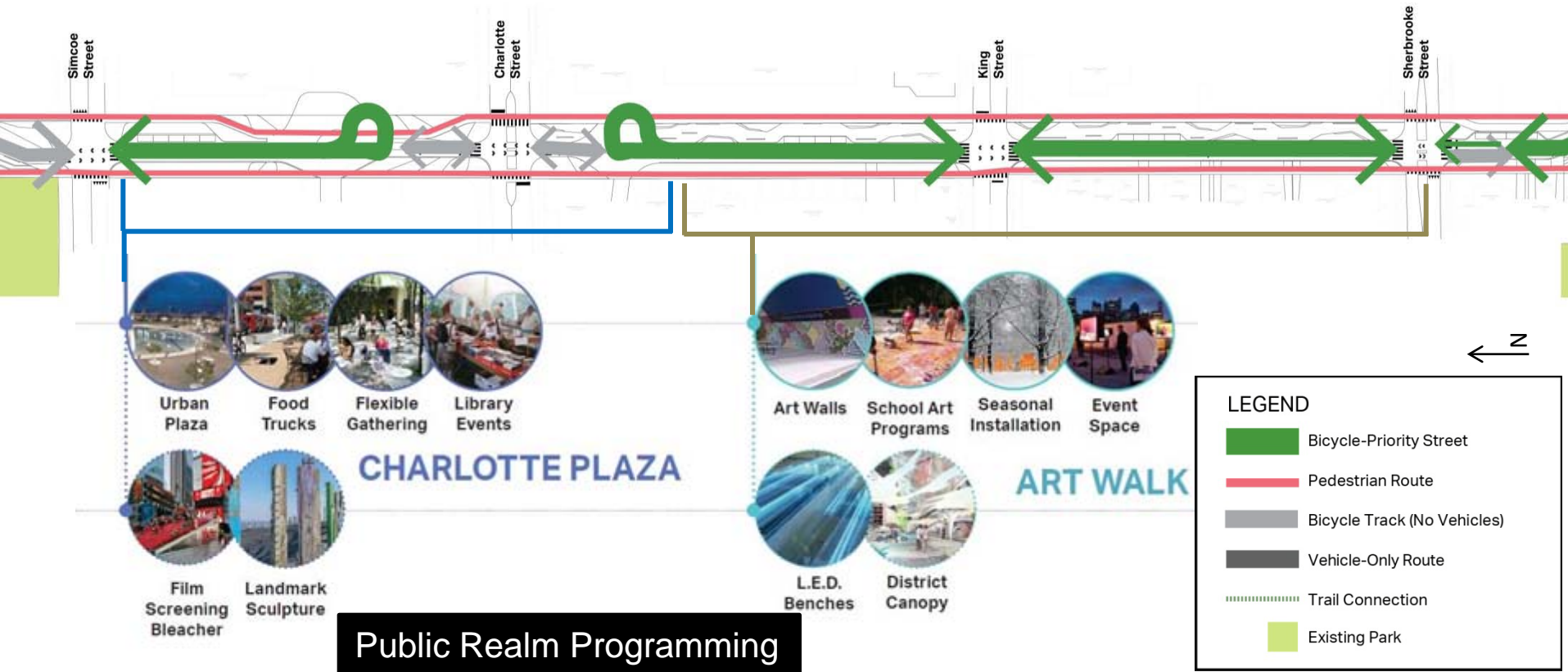
Streetscape Master Plan: Circulation (Dublin to Murray)



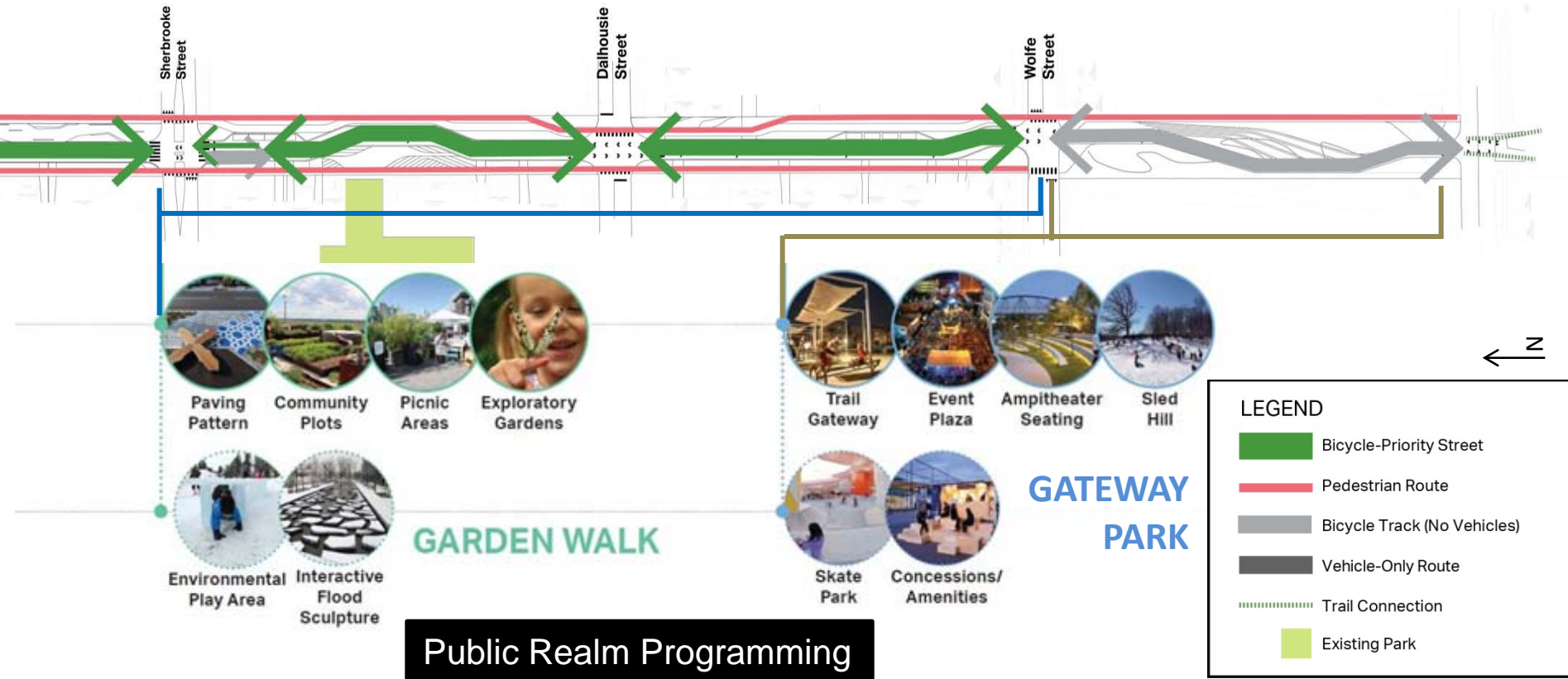
Streetscape Master Plan: Circulation (Murray to Simcoe)



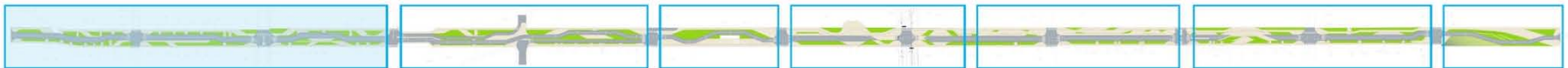
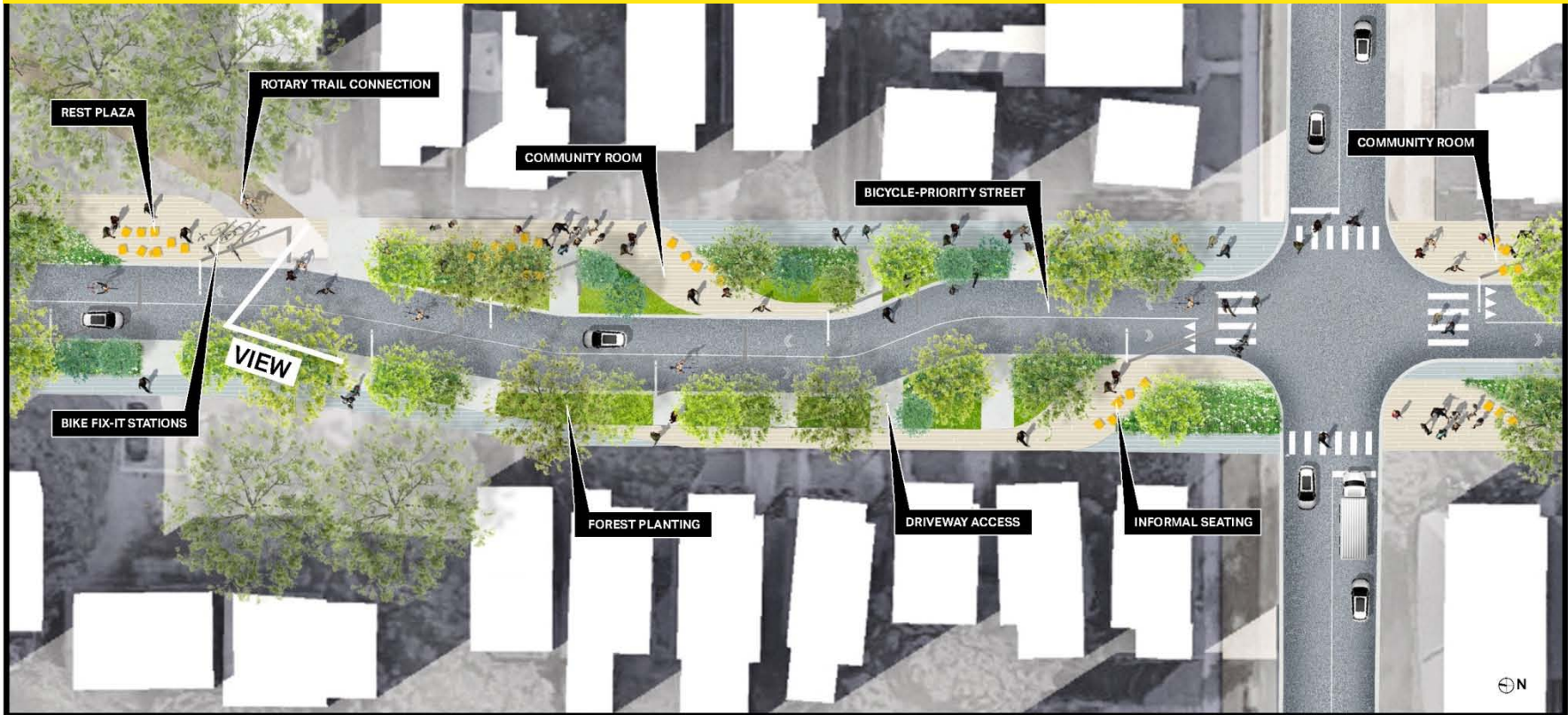
Streetscape Master Plan: Circulation (Simcoe to Sherbrooke)



Streetscape Master Plan: Circulation (Sherbrooke to Townsend)



Streetscape Master Plan: Forest Walk



In this heavily residential stretch of Bethune Street, the public realm is focused on passive and human-scale programming. Heavy seasonal planting creates a lush and tranquil experience, interspersed with small community gathering spaces, or “clearings”. Here, there are moveable tables and chairs and safe spots for residents and children to congregate and play. Large areas of green space contribute to green infrastructure and flood control, creating a performative landscape.

Bethunescape

Before: looking south at Rotary Greenway Trail

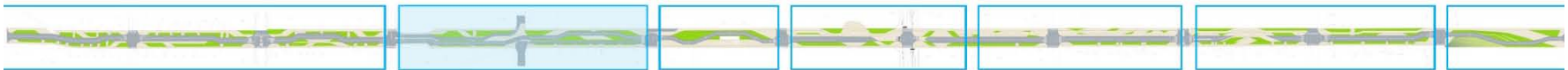
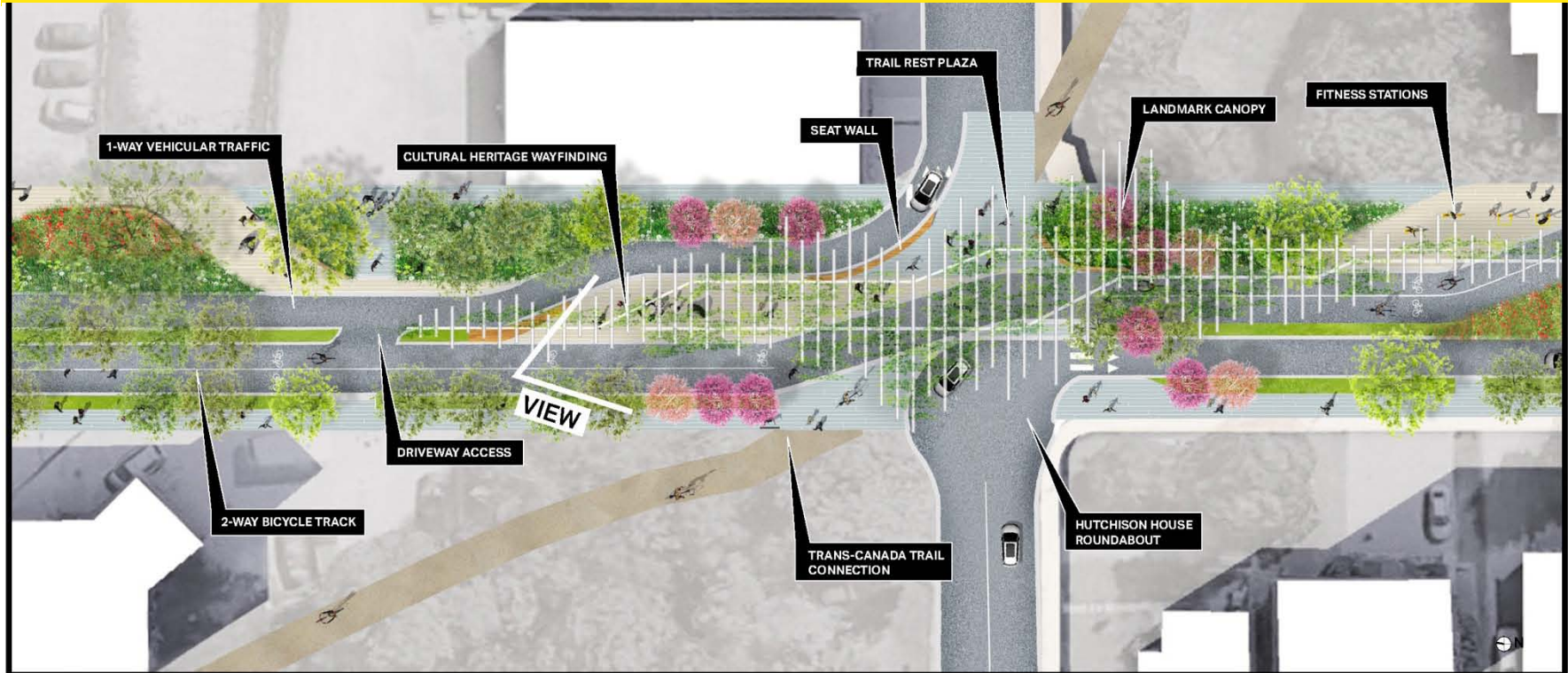


Bethunescape

Streetscape Master Plan: Forest Walk



Streetscape Master Plan: Heritage Walk



This two-block stretch is centred on the Trans-Canada Trail connection, Fleming Park, and Hutchison House. The historic nature of the site context lends itself to a heritage-centric public realm. A landmark Green Cloud canopy announces the crossing of the Trans-Canada Trail, with a new rest plaza for trail users. The canopy can be planted and will change throughout the seasons. Historic sculptures, or “relics”, and educational wayfinding radiate outward from this plaza, pointing users to the neighbouring historic resources. A stretch and fitness area is also attached to the rest plaza.

Bethunescape

Before: looking south at Brock Street

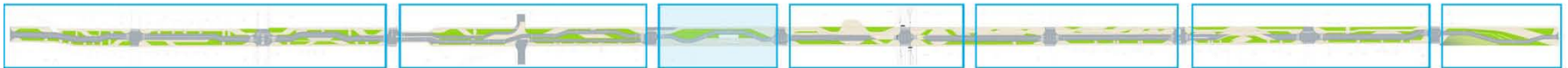
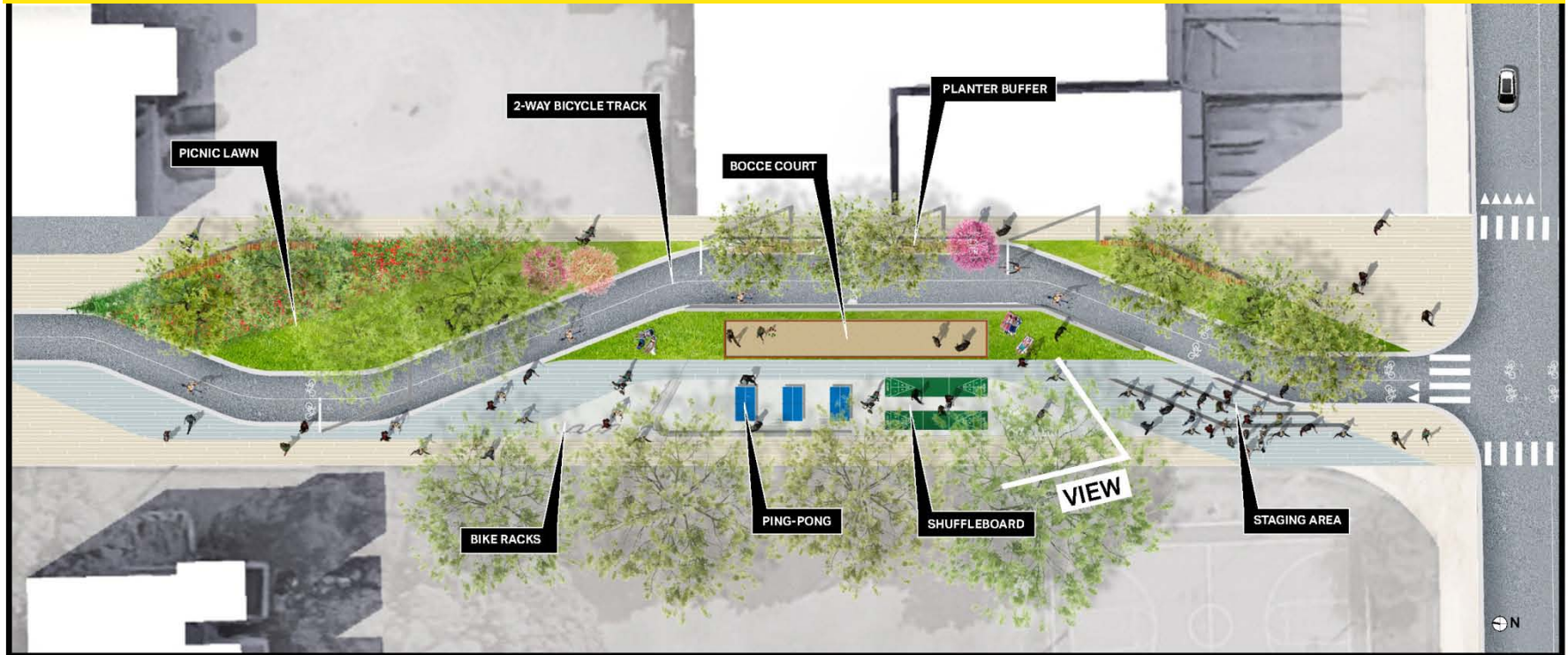


Bethunescape

Streetscape Master Plan: Heritage Walk



Streetscape Master Plan: Simcoe Squared



This block becomes an extension of Simcoe Park. The new pocket park, called Simcoe Squared, is contained completely within the 20 meter right-of-way. It connects to the court activity of Simcoe Park with its own small court games: bocce, shuffleboard, and ping-pong. There are also sunbathing and picnic lawns, as well as seat walls for viewing into Simcoe Park courts. In the winter, the small court area is able to be frozen as a natural curling sheet.

Bethunescape

Before: looking north at Simcoe Park

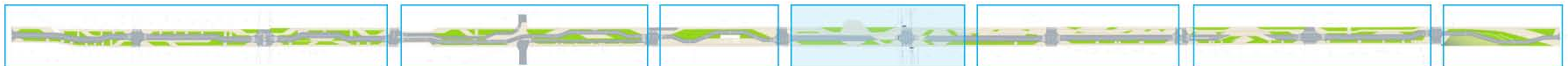
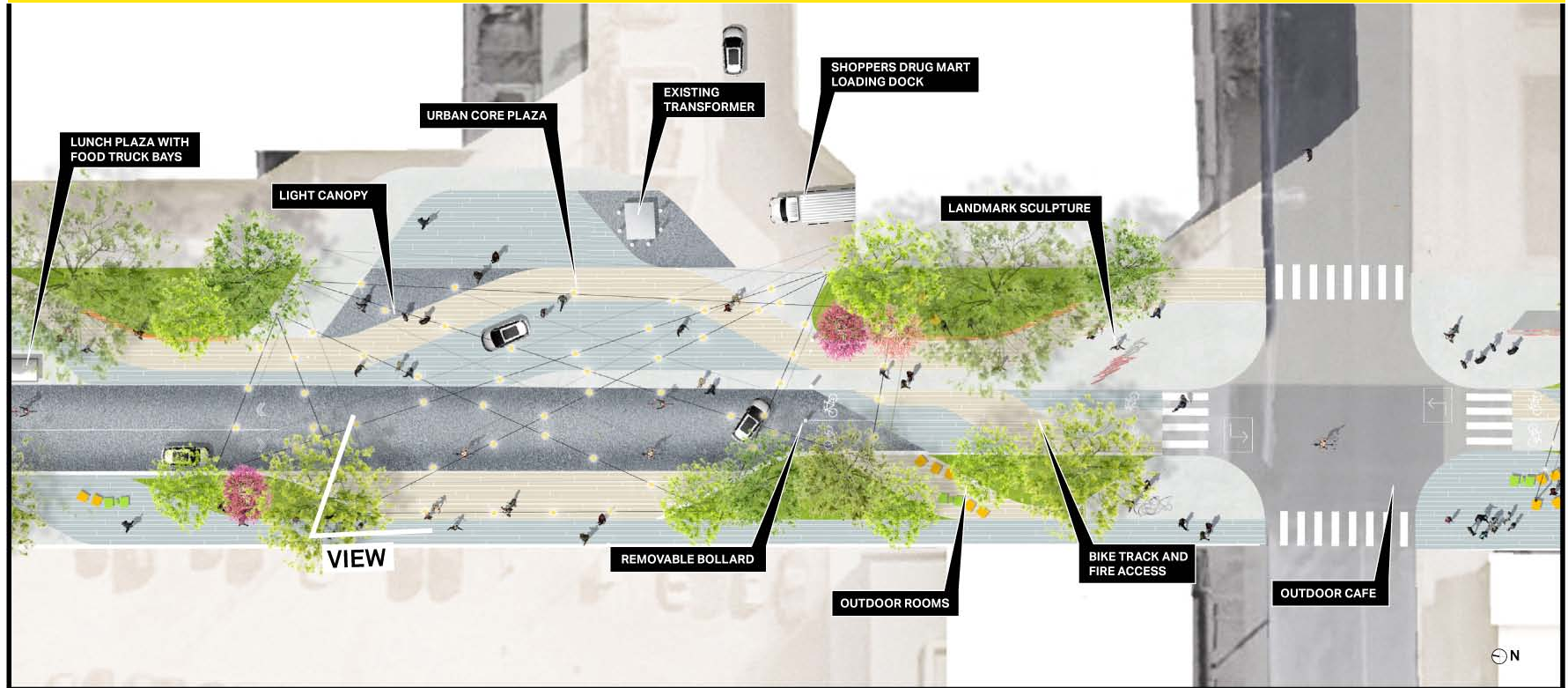


Bethunescape

Streetscape Master Plan: Simcoe Squared



Streetscape Master Plan: Charlotte Street Plaza



This segment of Bethune Street is centered on the new gateway at Charlotte Street. Two plazas terminate vehicular traffic at this intersection, with only pedestrians, bikes, and emergency vehicles able to cross Charlotte Street. This condition creates a large stretch of contiguous public realm with engaging paving patterns, ringed with landmark canopy lights, tree groves and outdoor rooms. Attached to the Peterborough Library and main artery to Downtown Peterborough, Charlotte Street Plaza becomes a vibrant flexible space for people

Bethunescape

Before: looking south at Simcoe Street

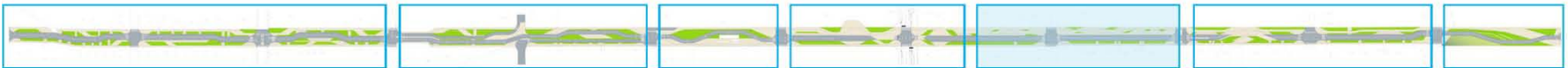
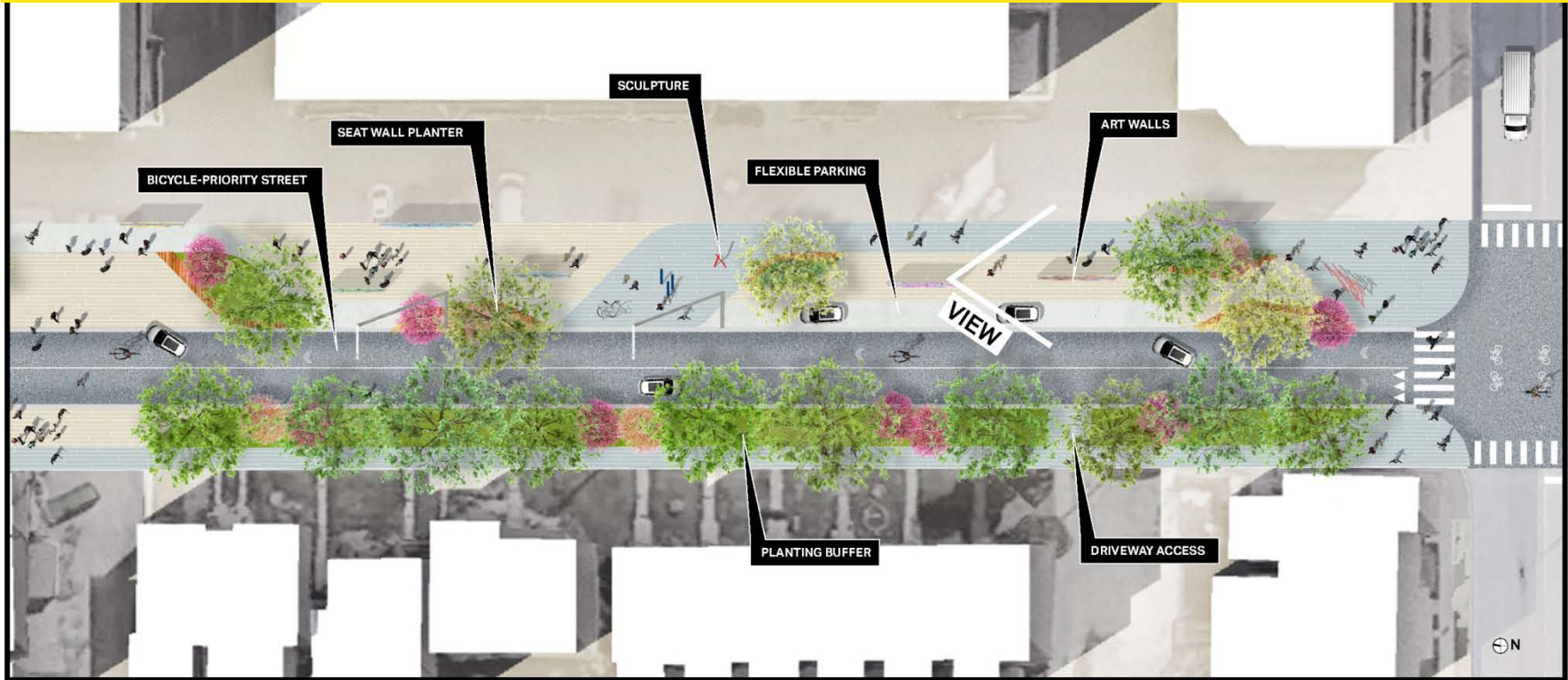


Bethunescape

Streetscape Master Plan: Charlotte Street Plaza



Streetscape Master Plan: Art Walk



Art and sculpture enliven the windy and high-rise scaled City Centre stretch of Bethune Street. Mural walls buffer the wind and provide a canvas for the local art community as well as school art programs. Interactive art provides a sense of community pride and ownership of the built environment. Larger expanses of space are opportunities for sidewalk art and temporary sculptural installations. Seating integrated with large planters offers respite and tree groves bring the site to human-scale. At night, City Centre becomes activated through lighted benches and events such as gallery nights.

Bethunescape

Before: looking south at Charlotte Street

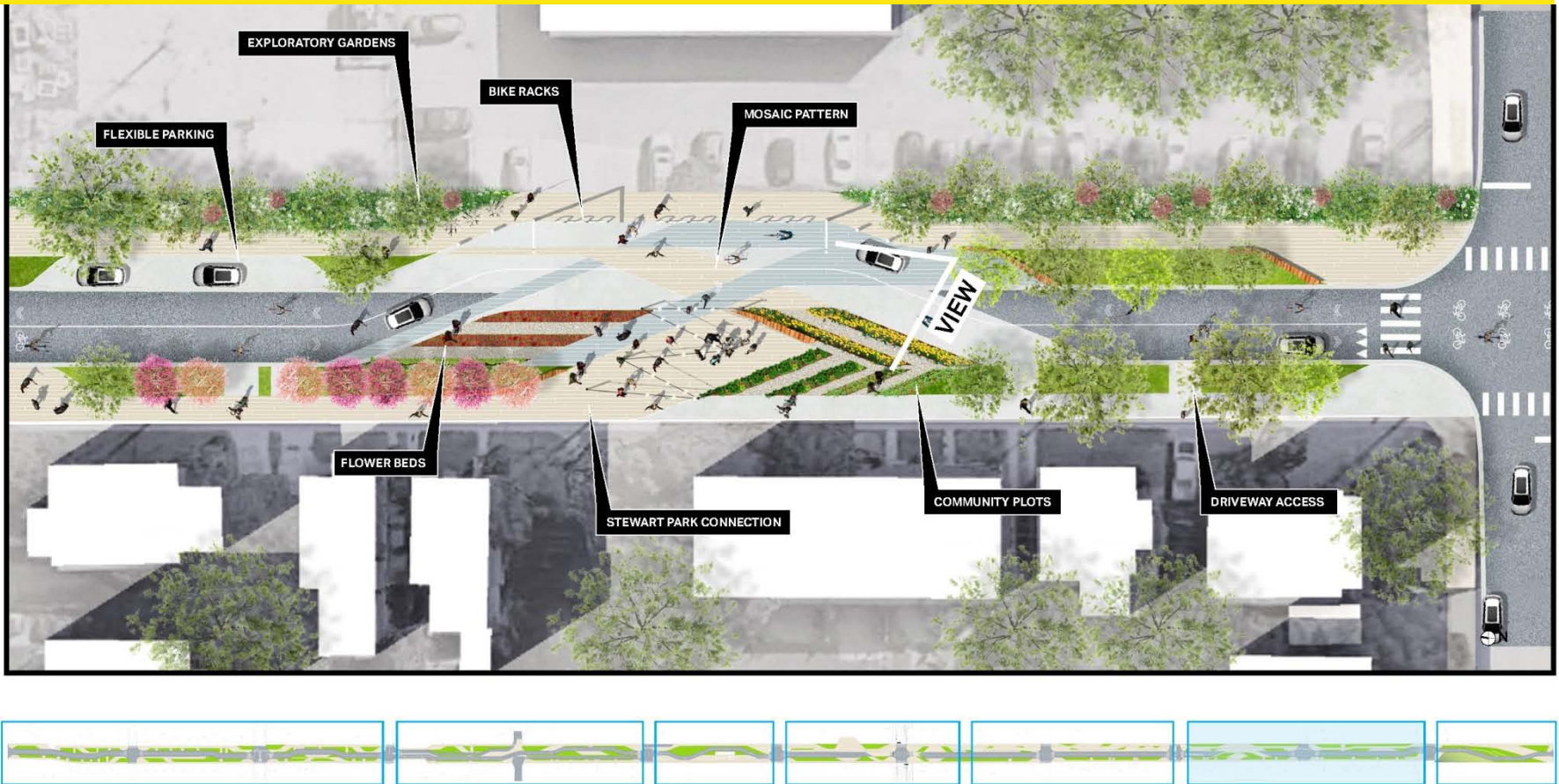


Bethunescape

Streetscape Master Plan: Art Walk



Streetscape Master Plan: Garden Walk



Bethune Street becomes residential in character in this two-block stretch. The public realm along this segment is a direct reflection of adjacent Stewart Park, featuring productive community garden plots. Across the street, along the eastern frontage, are educational and exploratory gardens for the children residing within these blocks.

Bethunescape

Before: looking north at Stewart Street Park

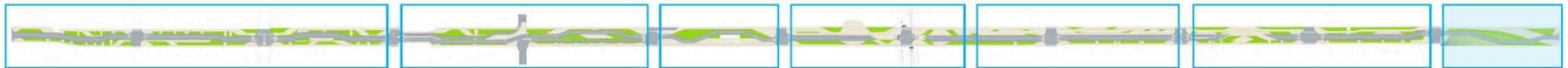
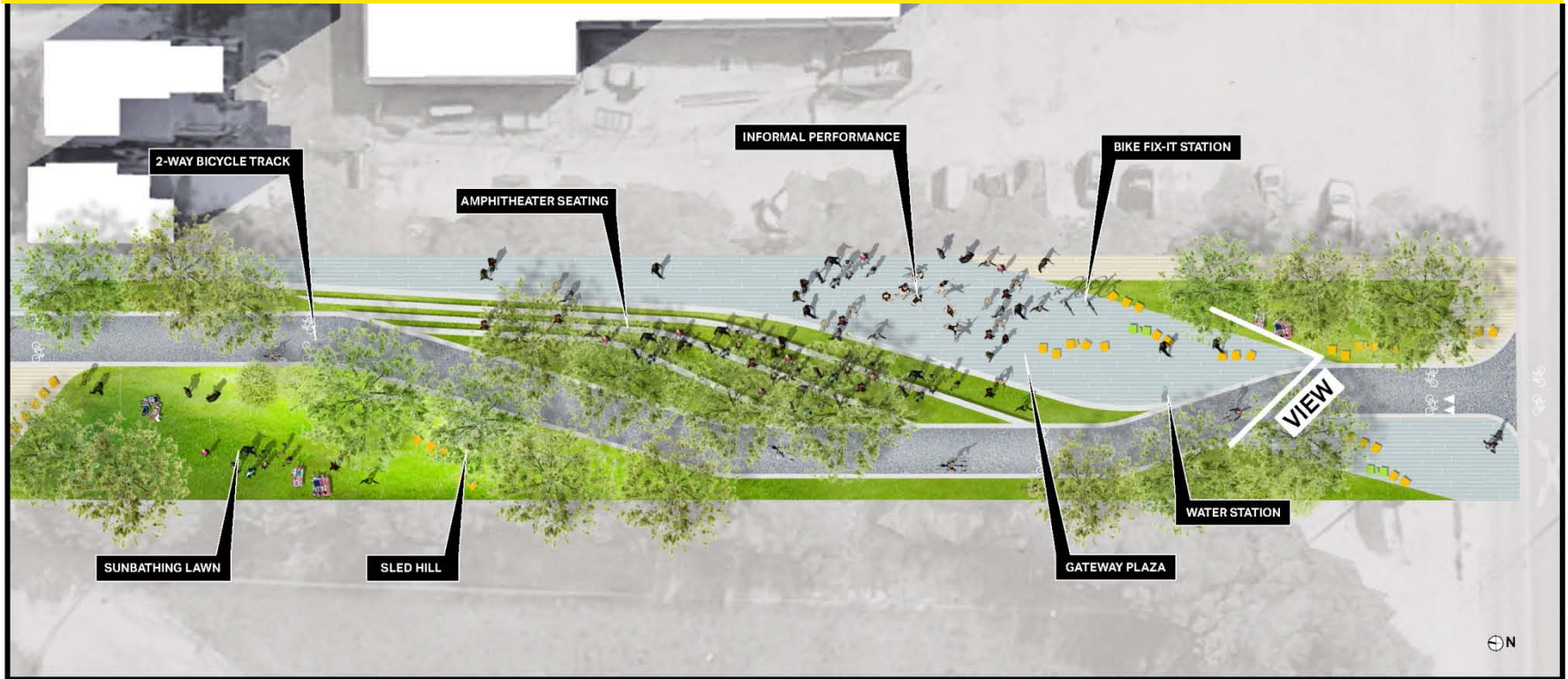


Bethunescape

Streetscape Master Plan: Garden Walk



Streetscape Master Plan: Gateway Park



The south end of Bethune Street will feature a new trail link gateway park. Currently an undeveloped site, public support for a park in this part of Bethune Street was strong and consistent through all three PICs. The new space will include a gateway plaza and amphitheater. The park will provide opportunity for informal gathering and performance within the amphitheater seating, as well as events linked to local businesses, such as the the adjacent Long & McQuaid music store. Raising topography can provide views down the new Bethunescape and provide a sled hill for winter activity.

Bethunescape

Before: looking north at Townsend Street



Bethunescape

Streetscape Master Plan: Gateway Park



Comments Received (samples)

Peterborough GreenUP:

“Throughout this process, we have been very impressed with the vision being presented by the consultants and the City, and by the level of public engagement sought during the project’s review. The Bethune Street Project has the potential to continue breaking new ground and to become an example of how the City can support positive and healthy densification, through the advancement of placemaking elements and activity nodes along the corridor.”

Active Neighbourhoods Canada – Peterborough:

“Collaborations such as this help to foster stronger relations between residents, community organizations, the City, and the consulting teams who are working to define local infrastructure projects....We are grateful for the ways in which you’ve worked to make the Bethune Street project EA more inclusive and accessible, and for your willingness to partner with external agencies to support shared goals.”

Comments Received (samples)

PIC #3 Q & A:

Question:

Once the surface has been re-done, what is the length of time for these features to be in place?

Response:

The reconstruction of the roadway is really a 'canvas' for future planning. The City will review the priorities based on the feedback received and available budget, and consider this in planning.

Peterborough Public Health:

"Peterborough Public Health (PPH) would like to congratulate the City of Peterborough for embarking on the Bethune Street Reconstruction project.... Research shows that when there is a designated space for cyclists as well as a designated space for pedestrians, there is an increase in physical activity levels and a decrease in injuries."

"We would like to thank the City of Peterborough for proposing such a creative and unique revitalization....The project has extreme potential for nurturing the vision and guiding principles stated in the City's draft Official Plan 2016."

Bethune Street Project

Comments & Questions?