Mackenzie Active Transportation Plan

Goals

1 **Promote Physical Activity**
by upgrading the existing transport network to be more inclusive of non-motorized vehicle transportation modes.

2 **Create Supportive Environments**
through developing places to gather in the centre of Mackenzie that include green spaces and cultural elements.

3 **Increase Safety**
by implementing and maintaining an enhanced transportation network for both residents and visitors.

Funding

This active transportation study and public space design is funded by a grant from Infrastructure Canada.

The creation of these plans is a road map to the future, which will provide clear direction, and tangible improvements that can be costed. Having these plans in place opens the door to future grant or funding requests from higher levels of government and/or private donors. This supplemental funding is necessary to make many of these plans a reality.

What is Active Transportation?

Active transportation is using your own power to get from one place to another. It benefits our:

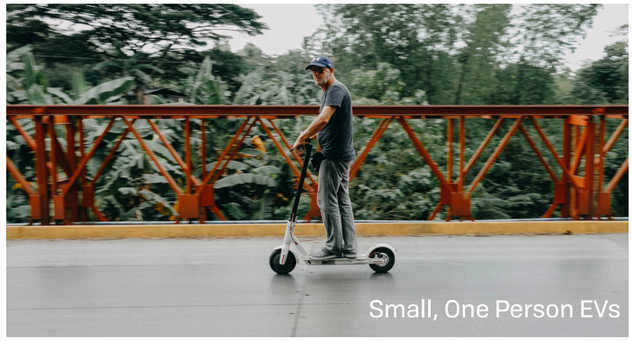
- **Health** because it provides an opportunity to be physically active on a regular basis
- **Community** as it is accessible and increases social exchanges
- **Environment** by reducing greenhouse gas emissions
- **Economy** because it save money on gas and infrastructure


Walking


Cycling


Rolling


Winter-Based Modes


Small, One Person EVs

Project Overview

What Does This Plan Cover?

1 Improved Active Transportation Network

2 Design of Community Space Hubs



Focal Public Spaces

616 Commercial Site (West Anchor)



Recreation Centre (East Anchor)

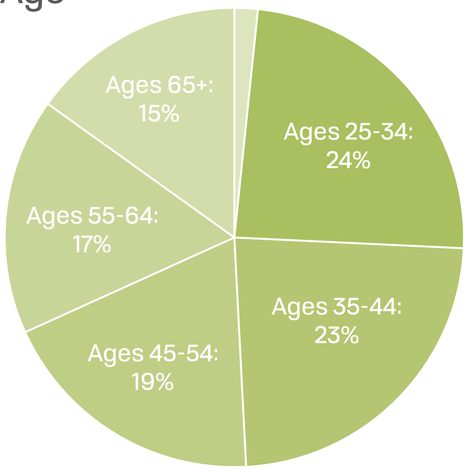


Survey Results

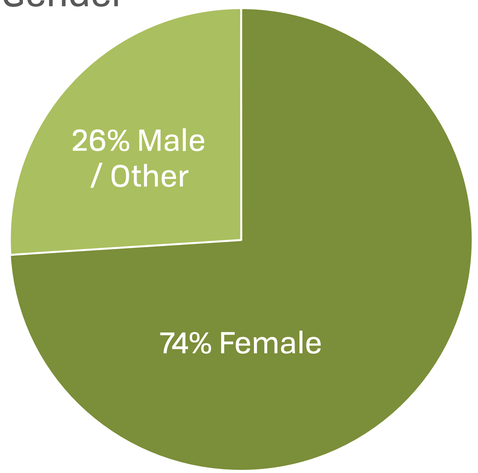
MACKENZIE
BRITISH COLUMBIA

132 Responses

Age



Gender



Active Transportation Network Feedback

What are the greatest factors that influence your choice to use active transportation?

72% *Exercise*

35% safe trails

22% environmentally friendly

Top three biggest improvements to encourage active transportation:

1 *Buffer from Vehicles*

2 *Bike Parking Downtown*

3 *Safe Crossings*

How far is your usual active transportation commute?

72% *> 1km*

What safety concerns do you have when using active transportation?

68% *Winter Conditions*

49% sharing the road with vehicles

37% dark roads / visibility

Social Spaces Feedback

616 Area

Top three outdoor amenities

1 Seating

2 Public Art

3 Dedicated Market Space

Recreation Centre

Top three outdoor amenities

1 Sheltered Seating

2 Splash Plaza

3 Performance Stage

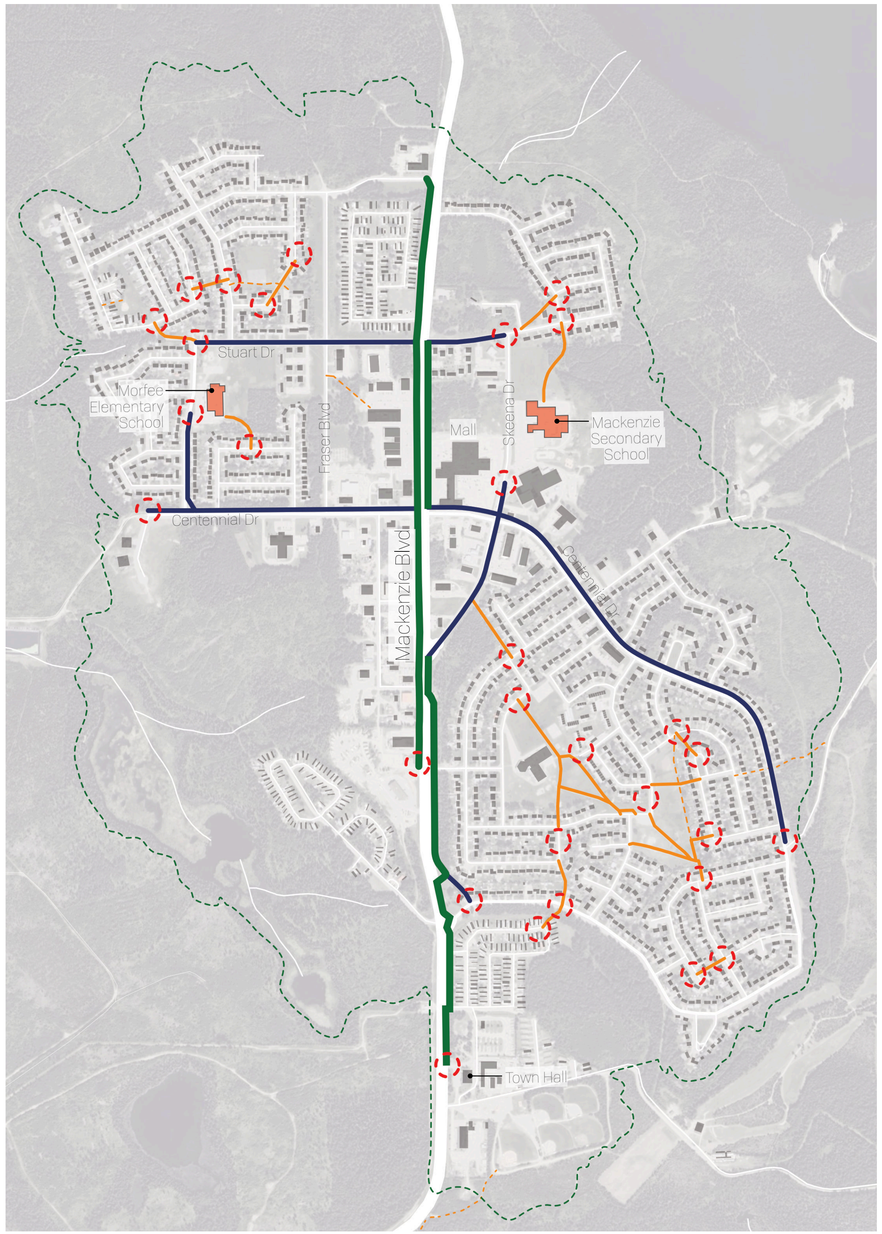
Top three events/activities

1 *Winter Public Skates / Events*

2 *Outdoor Concerts*

3 *Outdoor Movie Events*

Existing Condition



LEGEND:

- Multi-Use-Path
- Sidewalk
- Cowpath
- Trail
- Ending Paths
- School Building


Multi-Use-Path


Cowpath


Pedestrian Crossings


Residential Roads

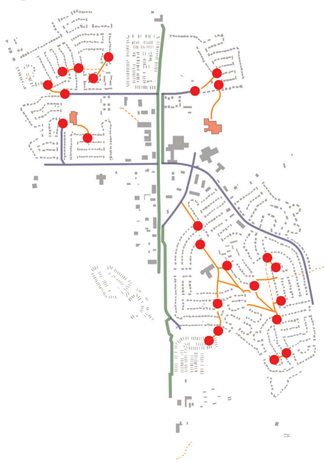
OBSERVATIONS:

1



- Many Gaps in the Sidewalk, Multi-Use Path network

2



- 'Cowpath' networks in the neigbourhoods are disconnected. May benefit from sidewalk links between.

3



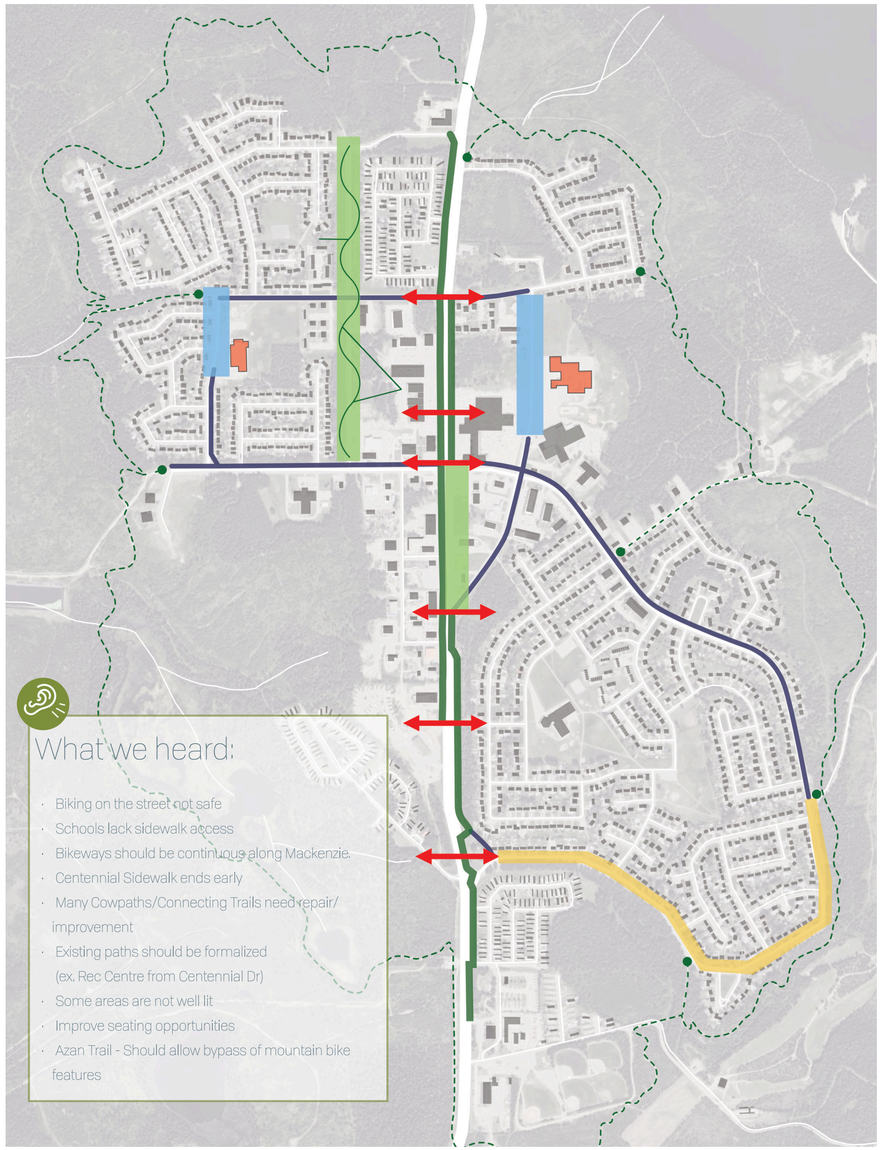
- Improved crossing opportunities necessary along Mackenzie Blvd.

4



- Streets have a generous width, which could be partially used for improved pedestrian infrastructure.

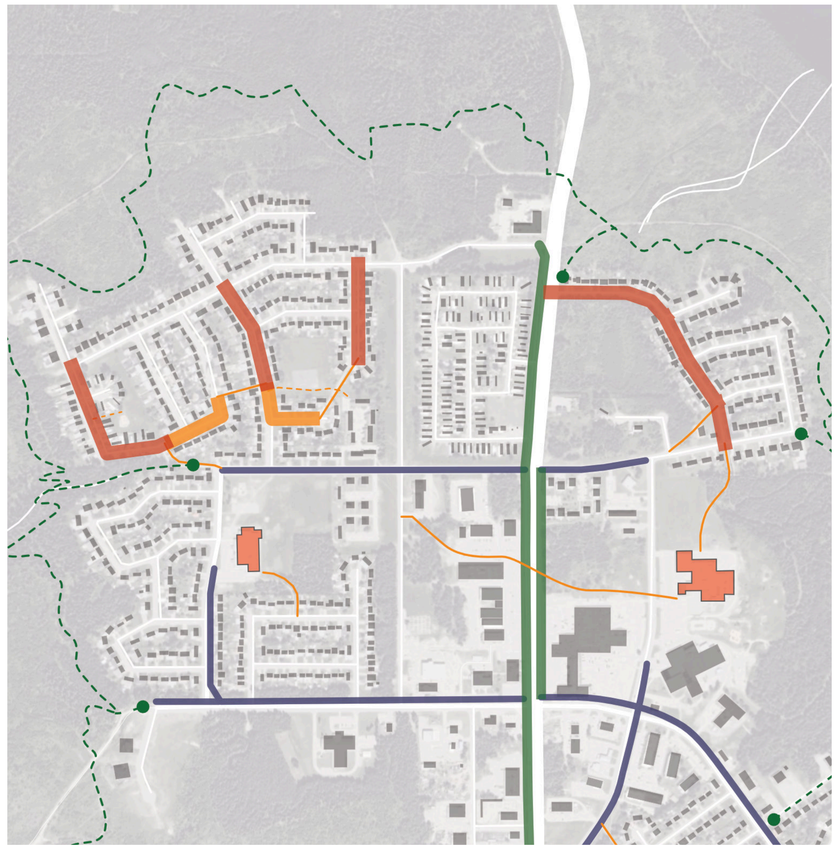
Analysis



MUP AND SIDEWALK CONNECTIONS

LEGEND:

- Sidewalk at School
- Potential for Public Spaces/MUP Extension
- Recommended Sidewalk Extension
- Recommended Pedestrian Crossings
- Connection to Trail
- Cowpath
- Informal Path
- Long-Distance Cowpath Gaps
- Short-Distance Cowpath Gaps

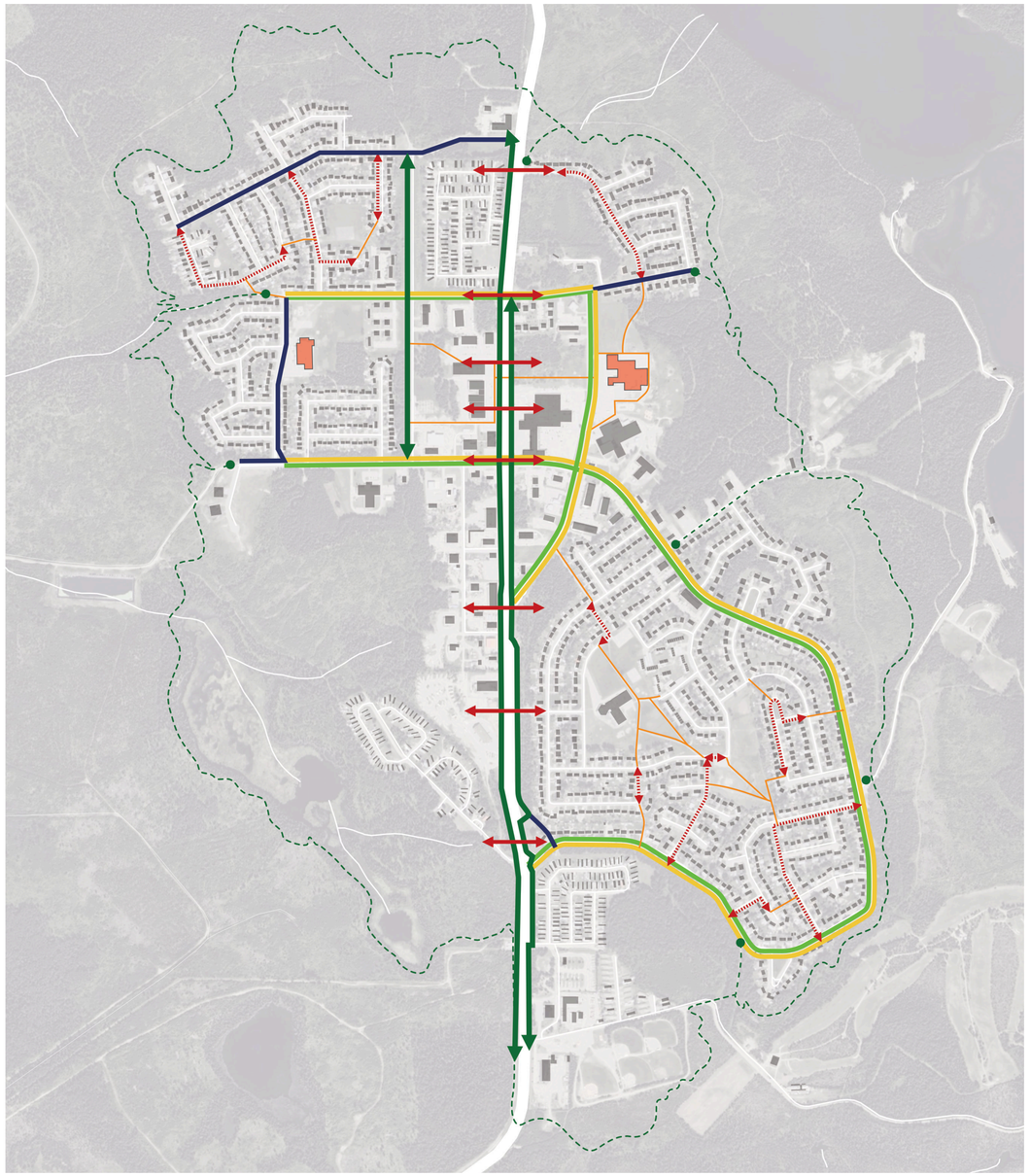


‘COWPATH’ CONNECTIONS - NORTH



‘COWPATH’ CONNECTIONS - SOUTH

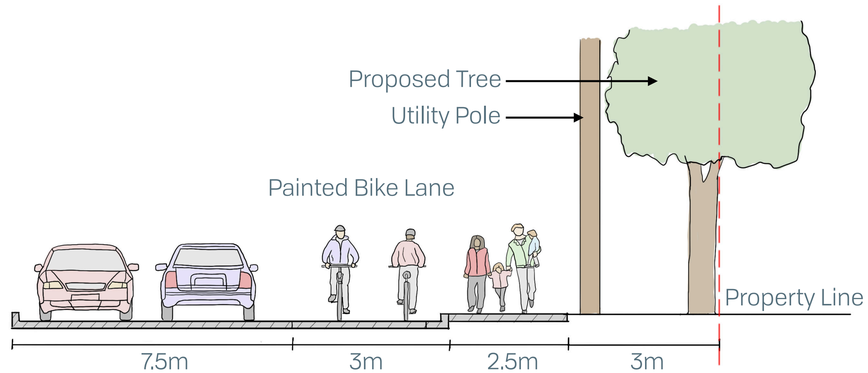
Masterplan



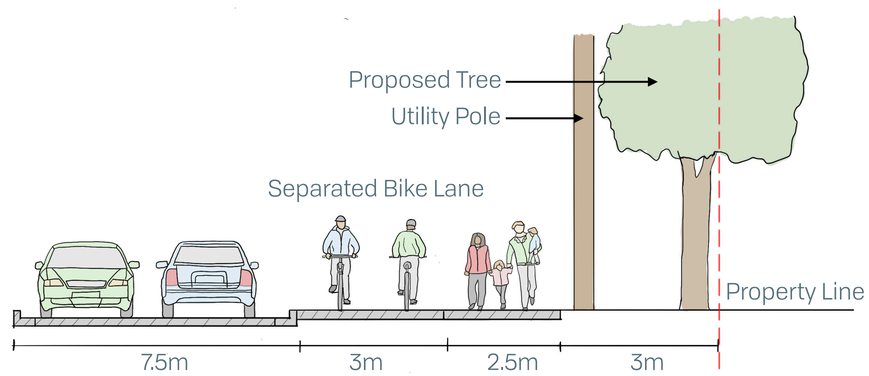
LEGEND:

- Multi-Use-Path
- Sidewalk
- Sidewalk with separated Bike Lane
- Pedestrian Crossing
- Pedestrian Connection
- Cowpath
- Trail
- Connection to Trail
- School Building

BIKEWAY OPTIONS



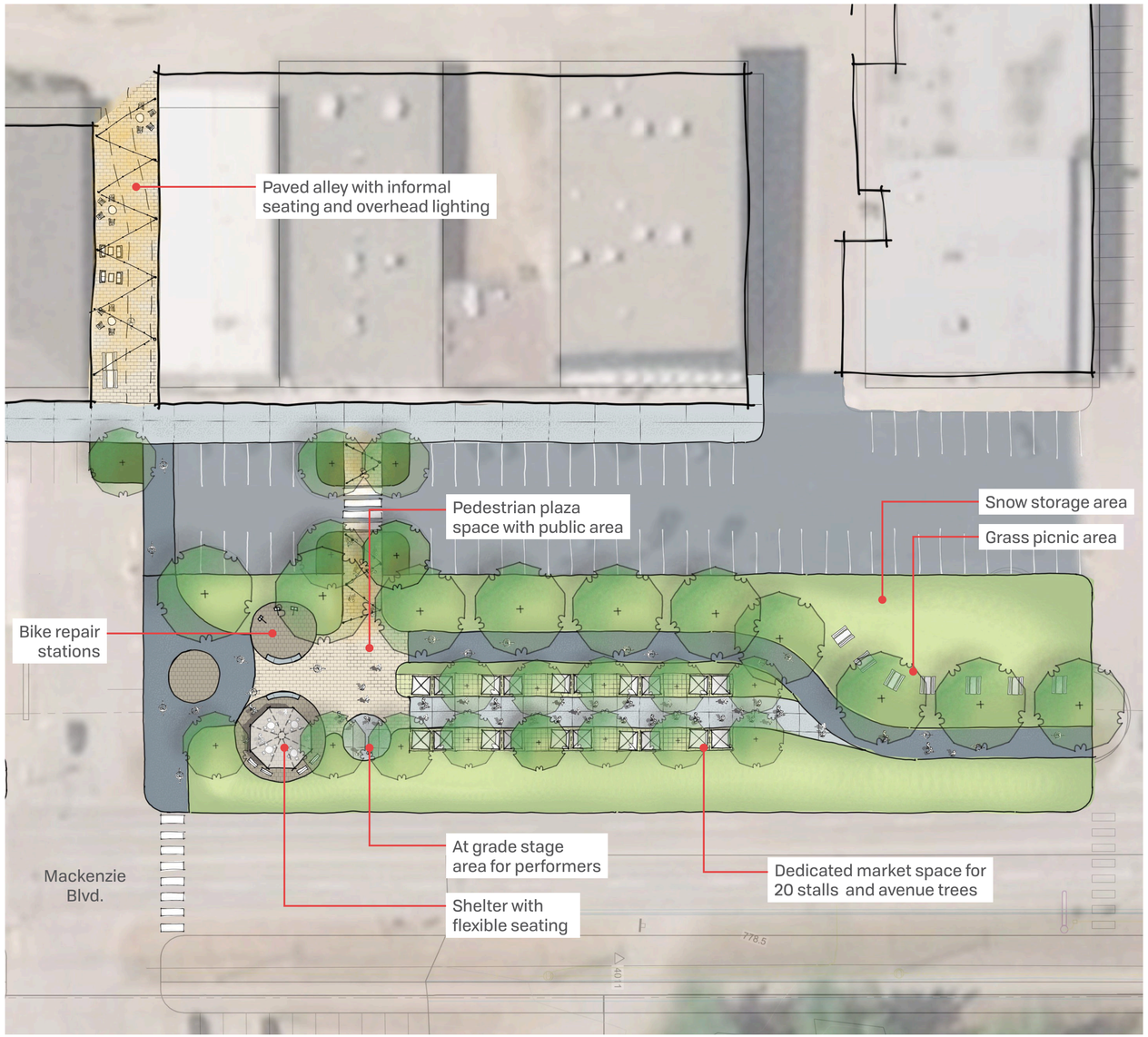
Short Term (0-5 Years)



Long Term (5+ Years)

616 Commercial Site

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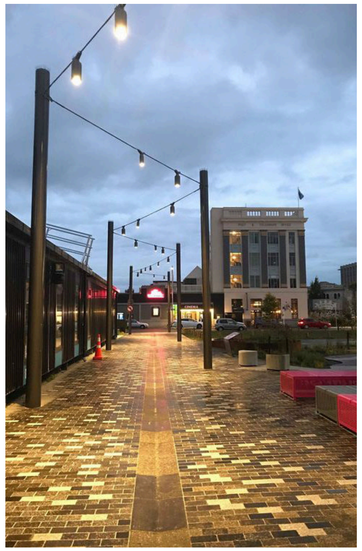




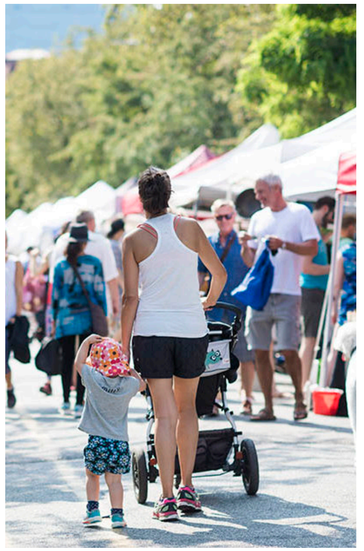
Flexible Seating



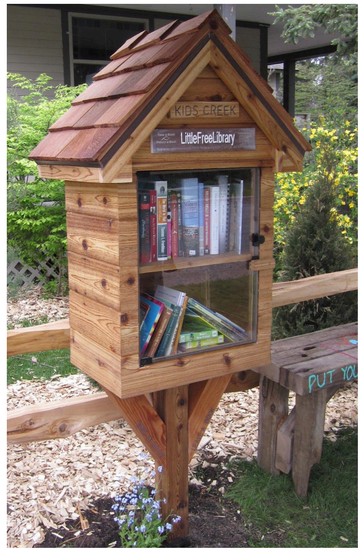
Hangout Spaces



Overhead Lighting



Market

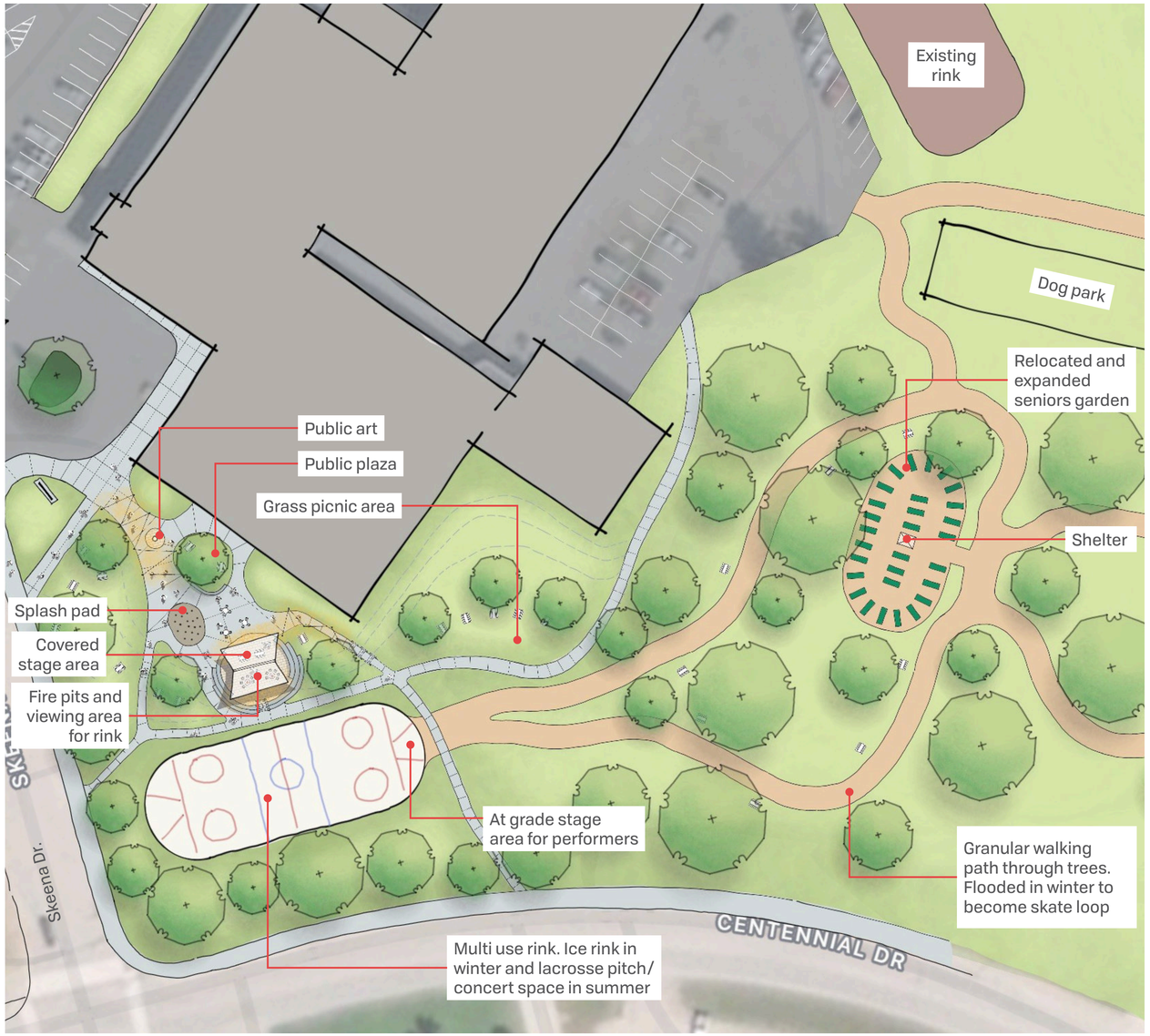


Library Box



Bike Repair

Recreation Centre

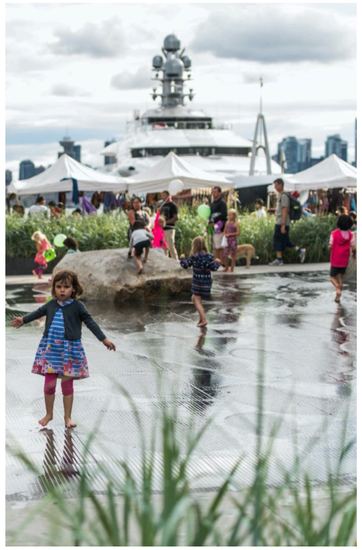




Skating Rink / Oval



Shelter / Stage



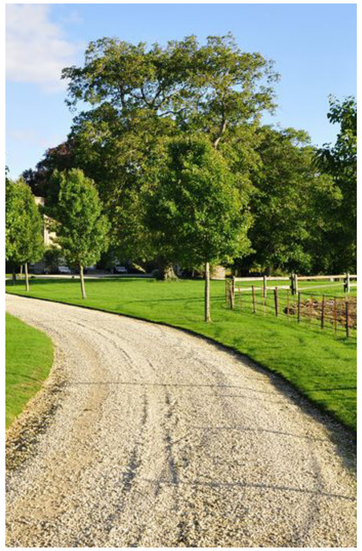
Splash Plaza



Fire Pit / Seating



Community Garden



Trees and Park Paths

Process

Research, data collection, public survey



We Are Here

Presentation of network plan and public spaces



Draft and finalize report with concepts



Council approval



Apply for funding

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