Bartley Smith Greenway Gap Trail Feasibility Study

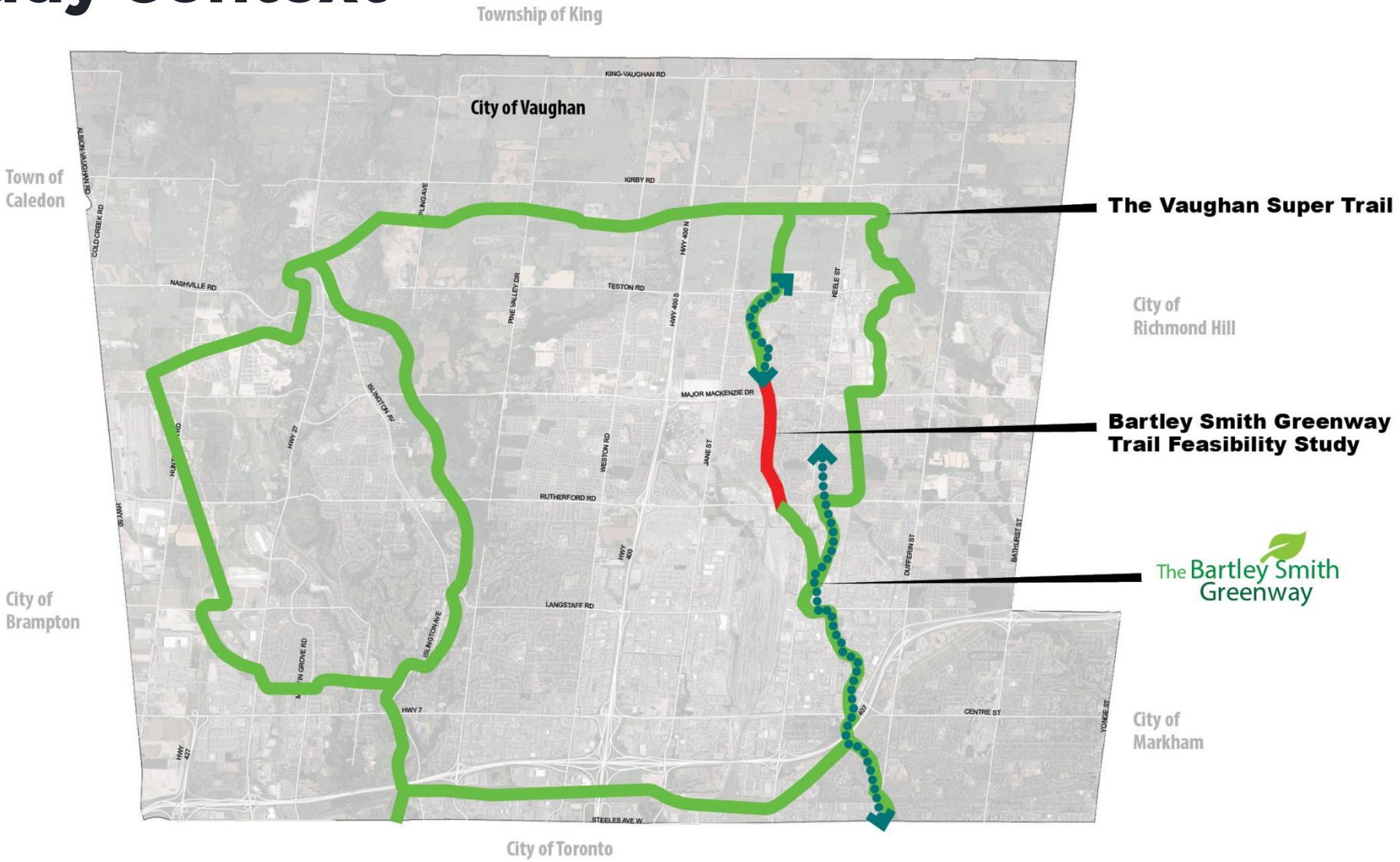
Virtual Public Open House

February 24, 2022 | 7:00pm. – 8:00 pm.

Land Acknowledgment

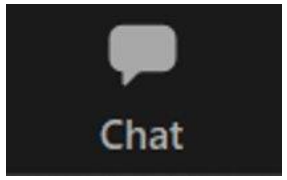
We respectfully acknowledge that the City of Vaughan is situated in the Territory and Treaty 13 lands of the Mississaugas of the Credit First Nation. We also recognize the traditional territory of the Huron-Wendat and the Haudenosaunee. The City of Vaughan is currently home to many First Nations, Métis and Inuit people today. As representatives of the people of the City of Vaughan, we are grateful to have the opportunity to work and live in this territory.

Study Context

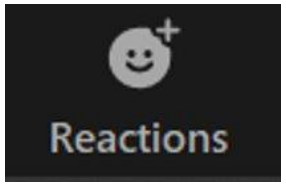


Zoom How-To

Cameras will automatically be **turned off** during the meeting.



Use the **Chat** button to type a comment or question to the group, or private message a member of the project team.



If you would like to speak, please use the **Reactions** button to "**Raise your hand**". A member of the project team will unmute you.

Meeting Agenda

7:00-7:15 | Overview

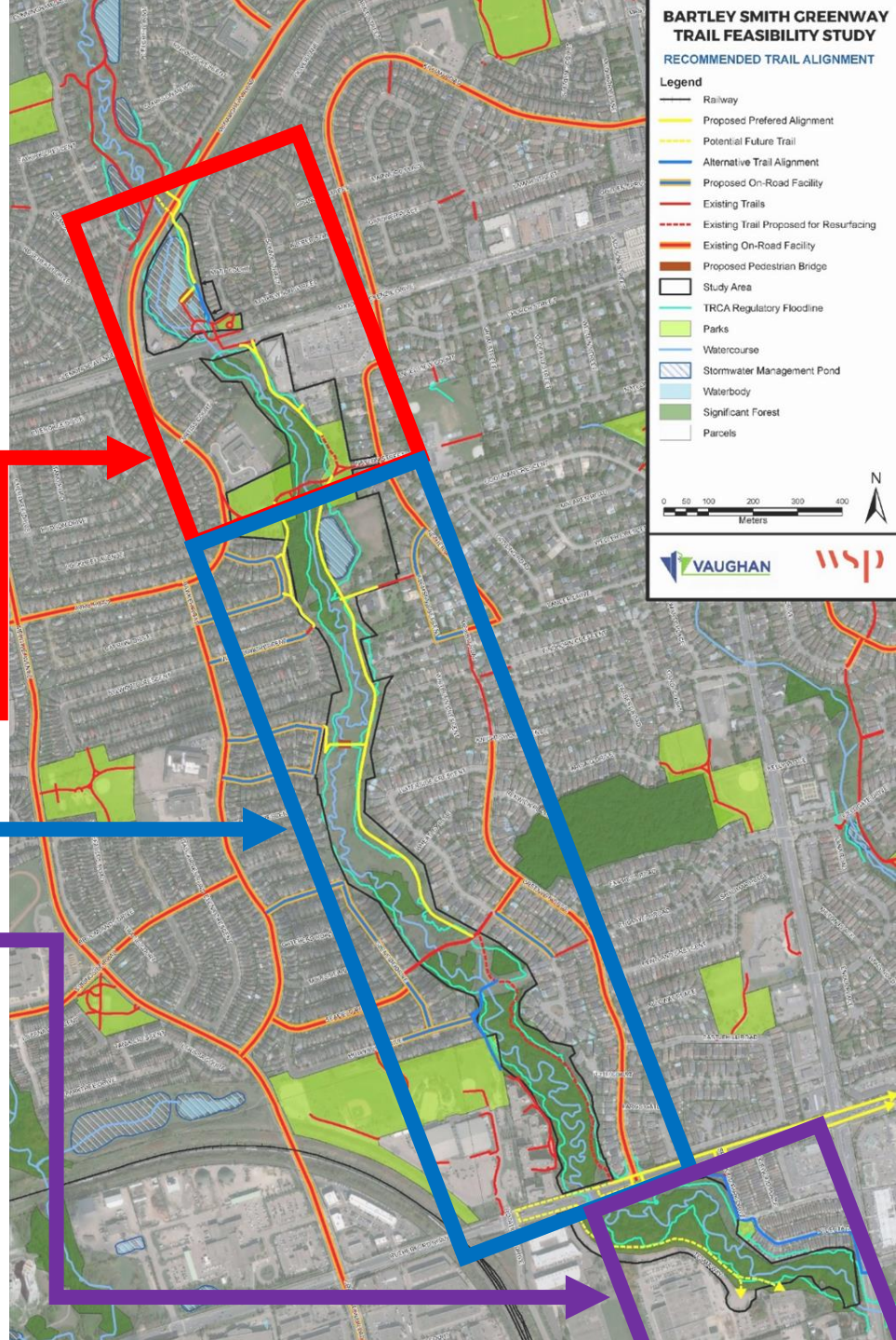
- Introductions
- Work Completed to Date
- General Trail Design Features

7:15-7:45 | Proposed Trail Alignments

- **McNaughton Rd. to Naylon Parkette**
- **Naylon Parkette to Rutherford Rd.**
  Interactive Poll Questions (Menti)
- **Rutherford Rd. to Keele St.**
  Interactive Poll Questions (Menti)

7:45-8:00 | Next Steps

- Next Steps
- Q&A with interactive mapping



Trail Feasibility Study – What & Why

What the Study is

- The study will gather information, identify and evaluate options to connect the route between McNaughton Road and Rutherford Road
- Establish a preferred trail route to advance to detailed design and construction
- The study will include 30% detail design drawings of the preferred alignment

What the Study is NOT

- Completion of full detail design drawings (leaving future opportunities for refinement prior to construction)
- The study will recommend but does not commit the City to a timeline for implementation

Benefits of implementing the TRAIL

- Creates a more walkable/bikeable community – even shown to +property values!
- Provide opportunities to connect with nature
- Formal trails reduce trespassing, vandalism and general crime

Project Milestones to Date

Technical Group Activity (TRCA, City, WSP) | **Public Outreach** | **Reports & Studies** | **Council+**

Visioning & Needs Assessment

- Visions and Goals Workshop
- Needs Analysis Stakeholder Workshop
- Site Walk #1
- Develop High Level Alignment Options
- Online Community Engagement Survey

Investigation & Constraints Assessment

- Natural Heritage Study
- Fluvial Geomorphology & Hydraulics Study
- Policy and Land Use Study
- Site Walk #2
- Needs, Opportunities & Constraints Design Brief

Alignment & Design Planning

- Senior and Staff Councilor Consultation
- Technical Stakeholder Workshop
- Virtual Public Focus Group Discussions
- Draft Design Brief and Master Plan (will include PIC1 feedback)
- Public Information Centre #1

What you can expect to see along the trail . . .

Design Features

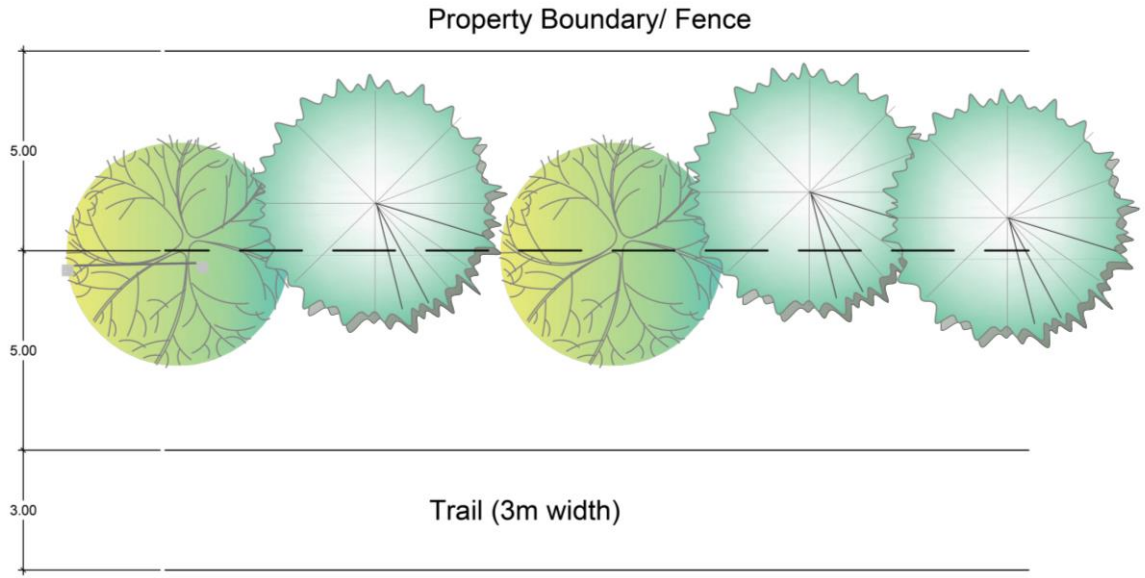
General Trail Design Features

Trail
Access
P-gate

General Trail Design Features

Restoration and Buffer Planting

Type 1 – Light Buffer Enhancement Planting



Characteristics:

- Tall buffer (2 stories+)
- Mix of deciduous & evergreen trees
- Filtered view of the trail and valley

Application:

- Where space is limited or where a light buffer is desired.
- Desire to maintaining the viewshed of the valley
- Desire to maintain stronger sightlines (support CPTED)
- Locations where shade and leaf little will be tolerated.

Type 1 – Deciduous & Coniferous Trees

Deciduous Trees

Sugar Maple
Acer saccharum

Silver Maple
Acer saccharinum

Hackberry
Celtis occidentalis

Red Oak
Quercus rubra

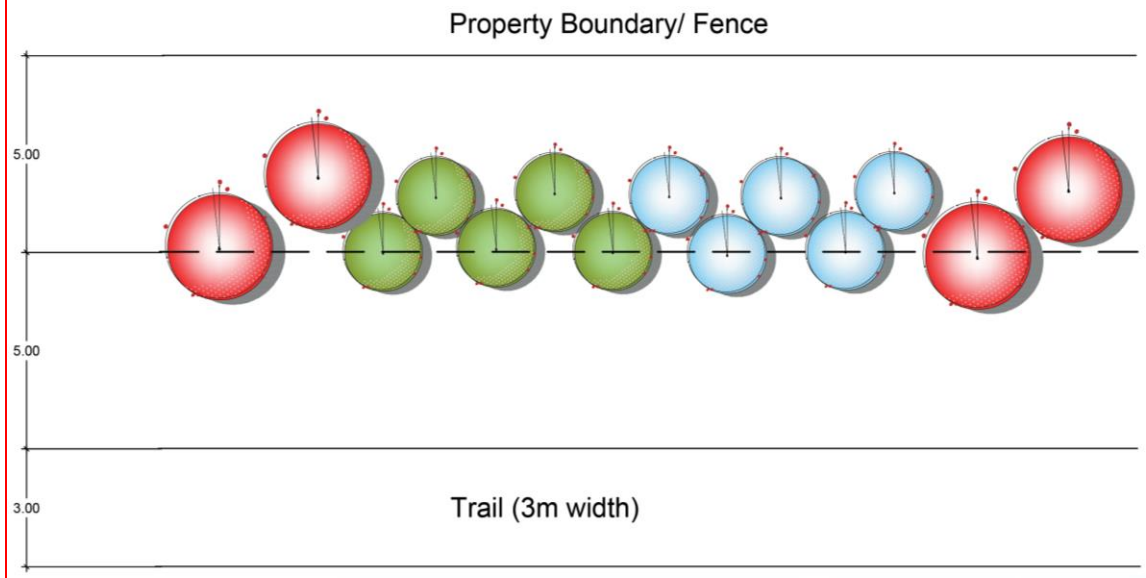
Bur Oak
Quercus macrocarpa

Coniferous Trees

White Spruce
Picea glauca

Eastern White Pine
Pinus strobus

Type 2 – Medium Buffer Enhancement Planting



Characteristics:

- Short buffer (1.5 - 3m tall)
- Mix of deciduous & evergreen trees
- Blocks view of trail users from yards
- Permits views into valley
- Barrier to people leaving the trail (thorns!)

Application:

- Adjacent to yards with pools/gardens where shade and leaf little are not desired.
- Desire to maintaining the viewshed of the valley.
- Match existing conditions while providing a buffer.

Type 2 – Deciduous & Coniferous Trees

Shrubs

Black Twinberry
Lonicera involucrata

Staghorn Sumac
Rhus typhina

Maple leaf Viburnum
Viburnum acerifolium

Prickly Wild Rose
Rosa palustris

Wild Red Raspberry
Rubus idaeus

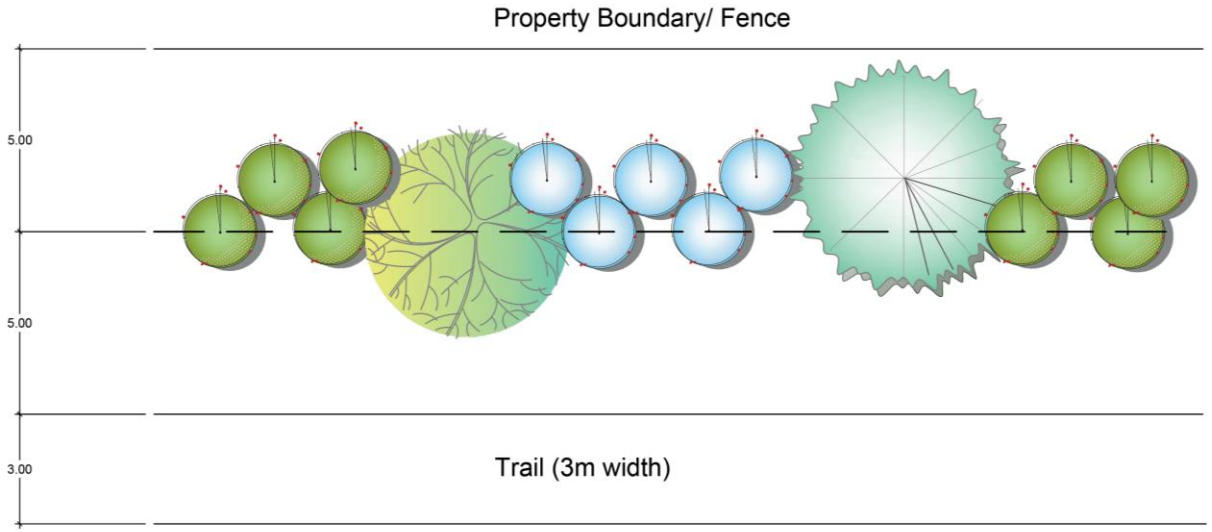
Black Raspberry
Rubus occidentalis

Canadian Yew
Taxus canadensis

American Black Elderberry
Sambucus canadensis

Type 3 – Robust Buffer Enhancement Planting

Type 3 – Robust Buffer Enhancement Planting



Characteristics:

- Mix of deciduous & evergreen trees
- Dense naturalized ‘forest like’ settings that exist or are welcomed.

Application:

- Desire for maximum privacy
- Where sightlines are not a priority (minimal CPTED needs)
- Locations where shade and leaf little will be tolerated.

Restoration and Buffer Planting

Type 3 – Dense Blend of Trees & Shrubs

Sugar Maple
Acer saccharum

McNaughton to Naylon Parkette

Trail Alignment

McNaughton Rd. to Major MacKenzie Dr.

Crossing – Interim & Future

Interim:

(Signalized Pedestrian Crossing)

Although an at-grade crossing is less desirable by users, this interim solution will facilitate crossing of McNaughton until the road is reconstructed.

Future:

(Tunnel Underpass)

While this introduces more cost and complexity, study will recommend that a tunnel is a long-term solution that can be implemented as part of McNaughton
Road widening and should be further considered at the Environmental Assessment (EA) stage of that project.

McNaughton Rd. to Major MacKenzie Dr.

Route Overview & Features

Armour Stone Retaining Wall

Utilized to mitigate the side slope as the trail transitions from the roadway to the valley.

Amenity Node

Contain seating and signage.

New Trail

3m wide asphalt trail.

Buffer or Enhancement Planting

Minimum 10m buffer, type 3 (robust buffer planting).

Pedestrian Bridge

Span across the existing SWM pond and meet the existing access route.

McNaughton Rd. to Major MacKenzie Dr.

Alternative Route

Application:

This alignment will be executed ONLY if the bridge is deemed not feasible due to pond function/ maintenance access requirements.

Design Elements Proposed:

3m wide asphalt trail.

Minimum 5.5 m buffer, Type 1 (light buffer) or Type 3 (robust buffer planting) depending on available space.

Contain seating and signage.

New Trail

Buffer or Enhancement Planting

Amenity Node

Trail Alignment

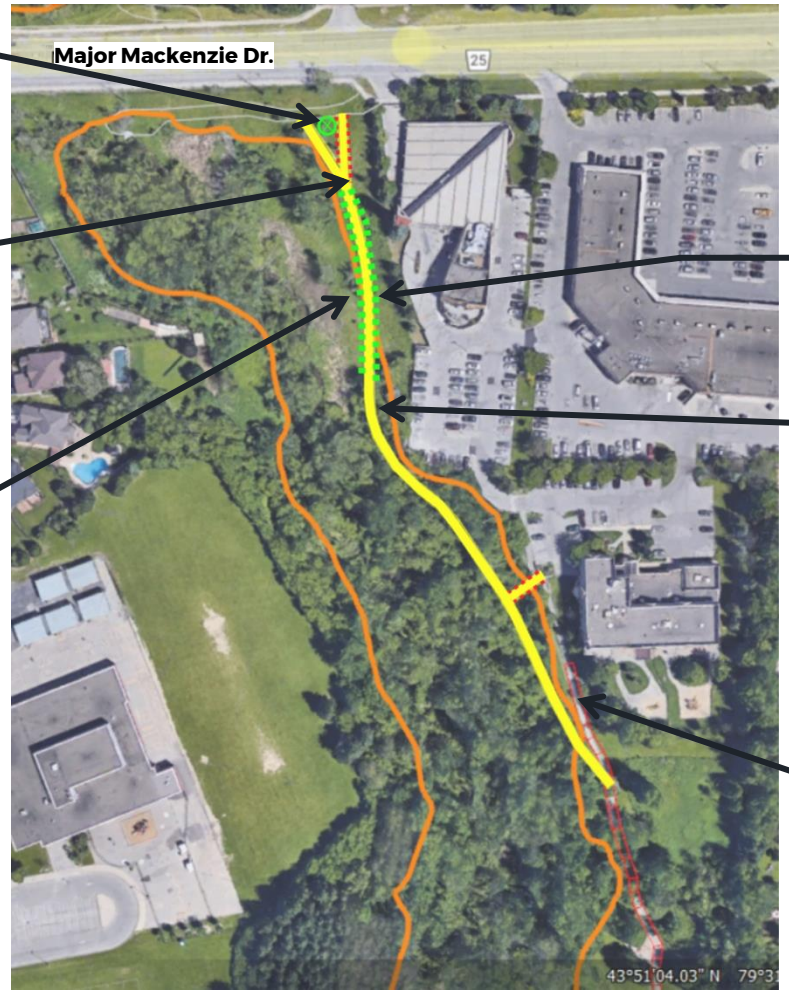
Major MacKenzie Dr. Underpass

Route Overview & Features

Amenity Node
Contain seating and signage.

New Trail
3m wide asphalt trail.

Buffer or Enhancement Planting
Shrub and tree planting to discourage access to wetland feature.



Legend:

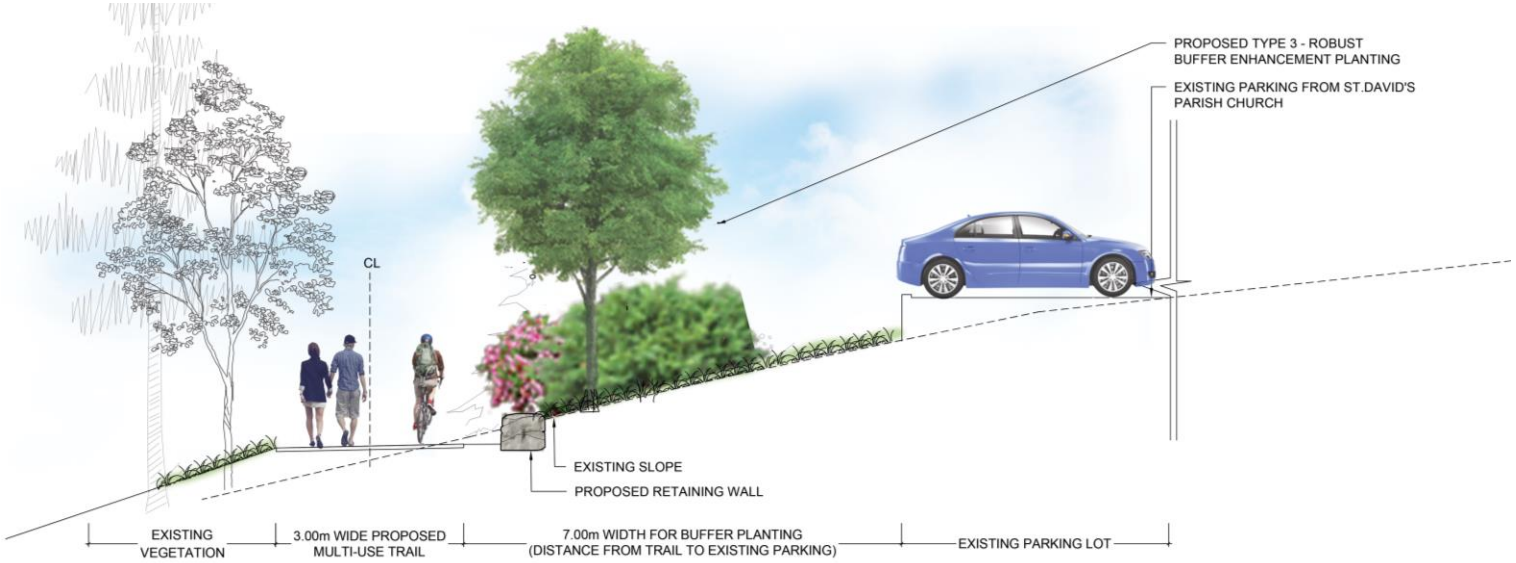
- TRCA Regional Floodline
- Trail Preferred Alignment (3m)
- Proposed Vegetation Buffer along Trail

Buffer or Enhancement Planting
Minimum 10m buffer, type 3 (robust buffer planting).

Armour Stone Retaining Wall
Will mitigate existing steep slopes , meeting the City of Vaughan's Asphalt Trail Details.

Improvement to Staircase

Trail Alignment

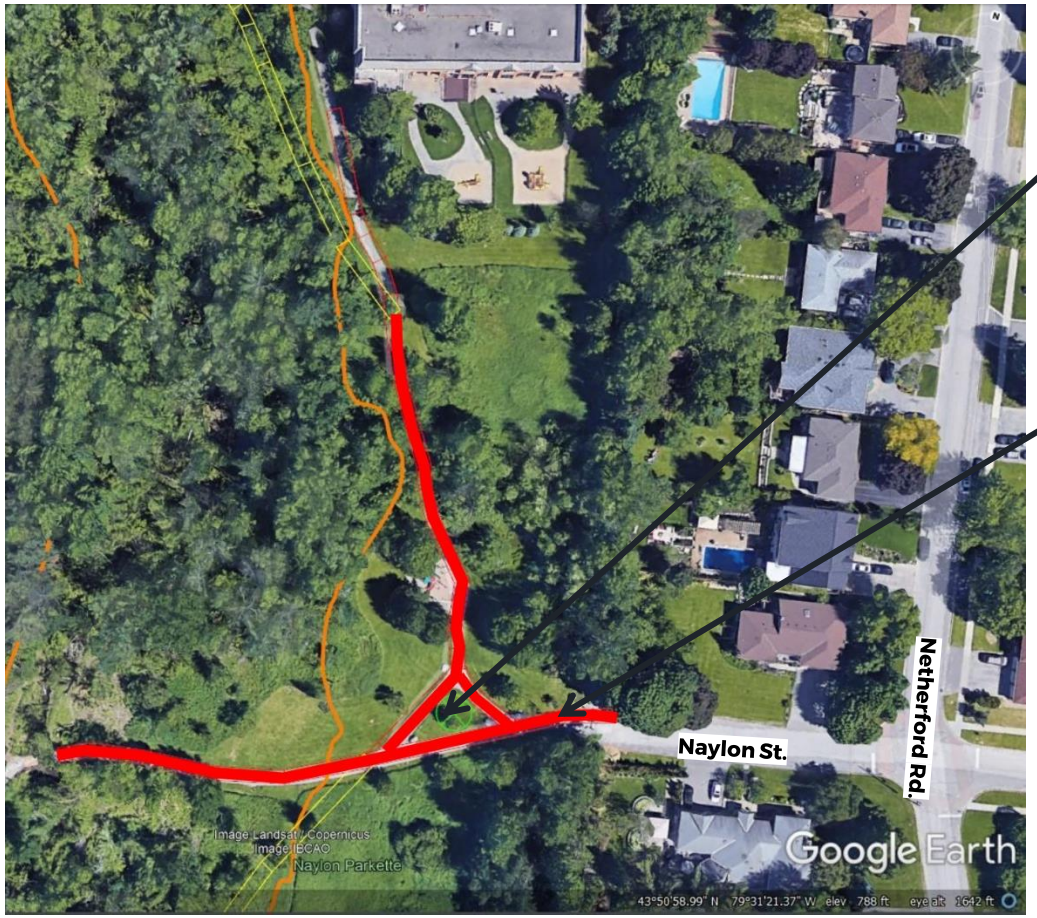


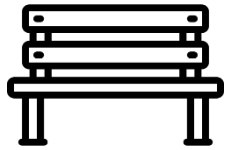
Naylon Parkette to Rutherford Rd.

Trail Alignment

Naylon Parkette to Bevan Rd.

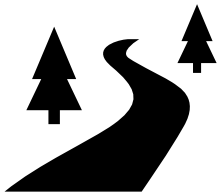
Route Overview & Features





Amenity Node

Contain seating and signage.



Trail Repaving

3m wide resurfaced asphalt trail.

Legend:

- TRCA Regional Floodline
- Existing Trail Proposed for Resurfacing (3m)

Naylon Parkette to Bevan Rd.

Route Overview & Features

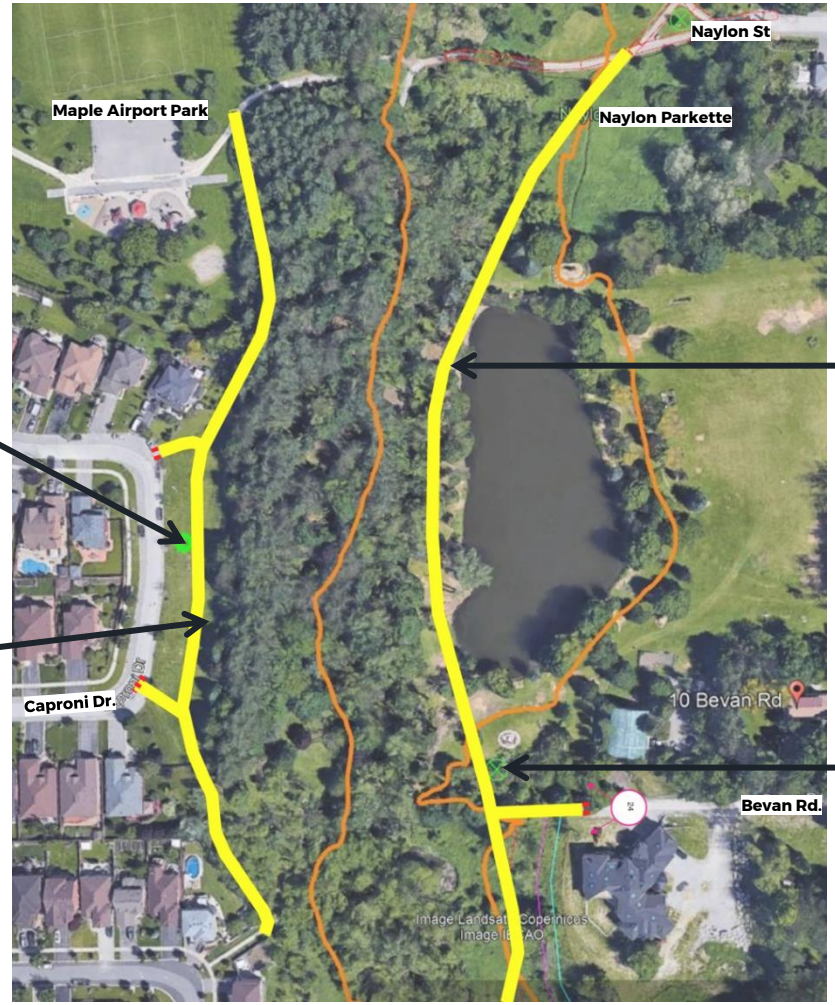
WEST ROUTE CONNECTION

Amenity Node

Will contain seating and signage.

New Trail

3m wide asphalt trail.



Legend:

- TRCA Regional Floodline
- Trail Preferred Alignment (3m)

MAIN TRAIL ROUTE

New Trail

3m wide asphalt trail.

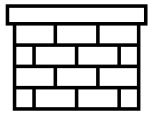
Amenity Node

Seating and signage will be included at all points of access.

Bevan Rd. To Merrick Dr.

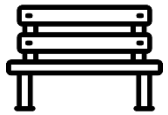
Route Overview & Features

Armour Stone Retaining Wall



Will mitigate existing steep slopes to facilitate a switch-back connection to Mountcharles Cres.

Amenity Node



Will contain seating and signage.

Pedestrian Bridge

Will span across the creek to provide access to Mountcharles Cres.

Buffer or Enhancement Planting

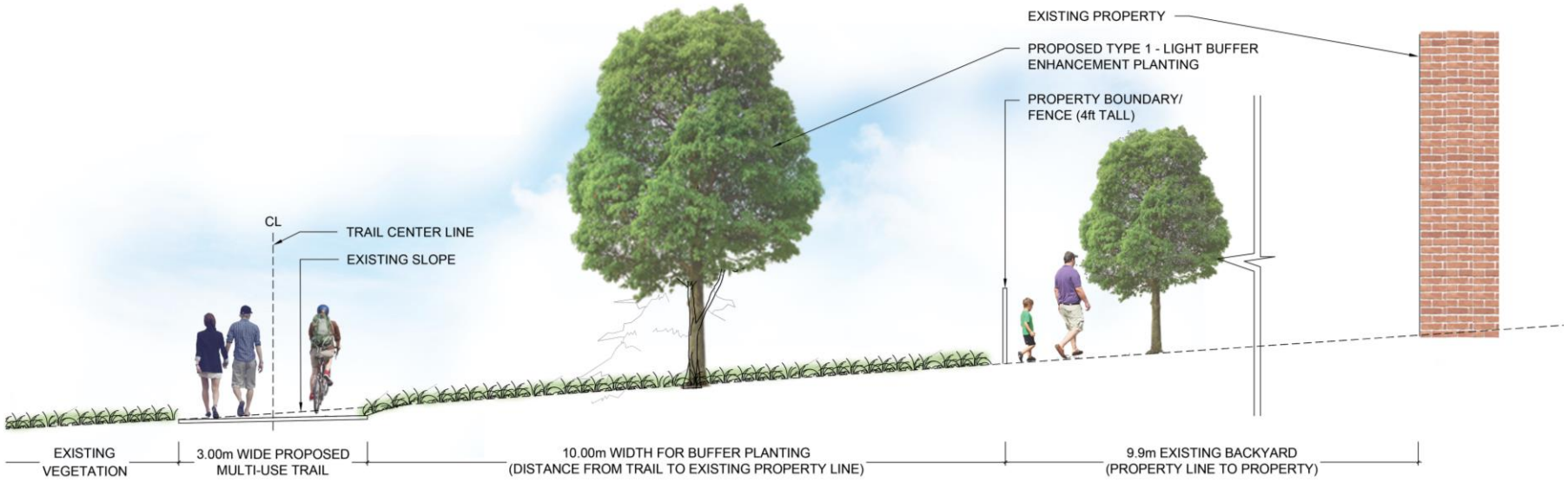
Minimum 10m buffer, type 1 (robust buffer planting).

New Trail

3m wide asphalt trail.

Bevan Rd. To Merrick Dr.

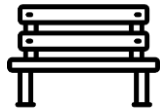
Trail Alignment



Trail Alignment

Merrick Dr. to Rutherford Rd.

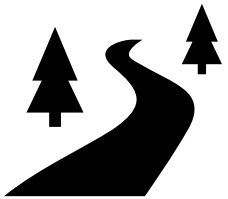
Route Overview & Features



Amenity Node

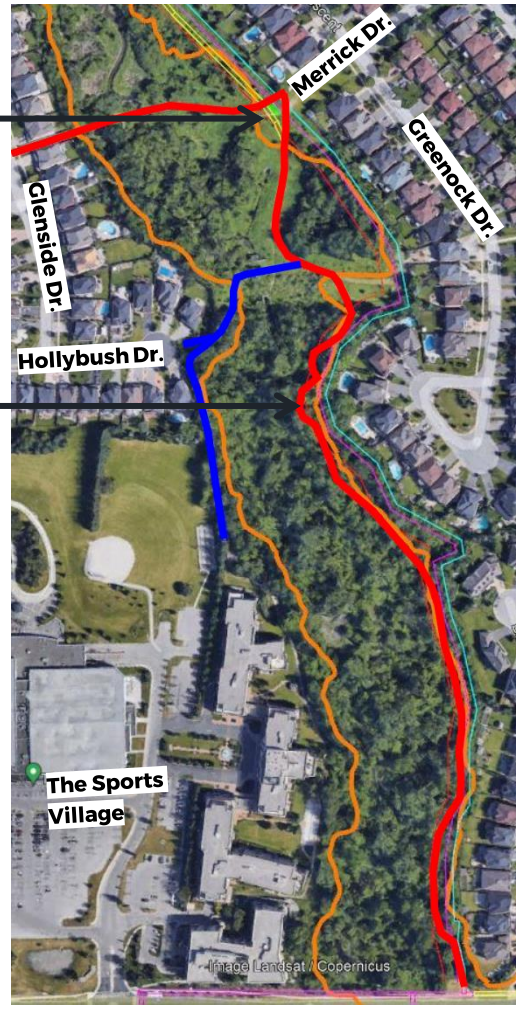
Shelter

Proposed shelter or seating area



Trail Repaving

3m wide asphalt trail.



Legend:

- TRCA Regional Floodline
- Existing Trail Proposed for Resurfacing (3m)
- Alternative Trail Alignment (3m)
- 5m Distance from Residential Property
- 10m Distance from Residential Property
- 20m Distance from Residential Property
- Proposed Vegetation Buffer along Trail

Merrick Dr. to Rutherford Rd.

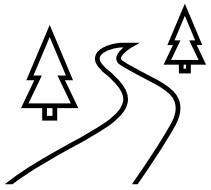
Alternative Route

Application:

- Connection will utilize an existing culvert to facilitate the crossing.
- Identified as strongly desired through public consultation.
- Concerns over slopes, vegetation impacts and future use of culvert to be explored.
- Alignment will be further explored in the 30% design to determine if it's a feasible option.

Design Elements Proposed:

Existing Culvert Crossing



New Trail

1.5 - 3m wide stone dust or asphalt trail. TBD

Legend:

- TRCA Regional Floodline
- Existing Trail Proposed for Resurfacing (3m)
- Alternative Trail Alignment (3m)
- 5m Distance from Residential Property
- 10m Distance from Residential Property
- 20m Distance from Residential Property
- Proposed Vegetation Buffer along Trail

Menti Poll Questions

Access the Survey using the **QR Code:**

1. Open the camera on your device
2. Scan the QR code to join
3. Vote!

OR

Using the following **link:**

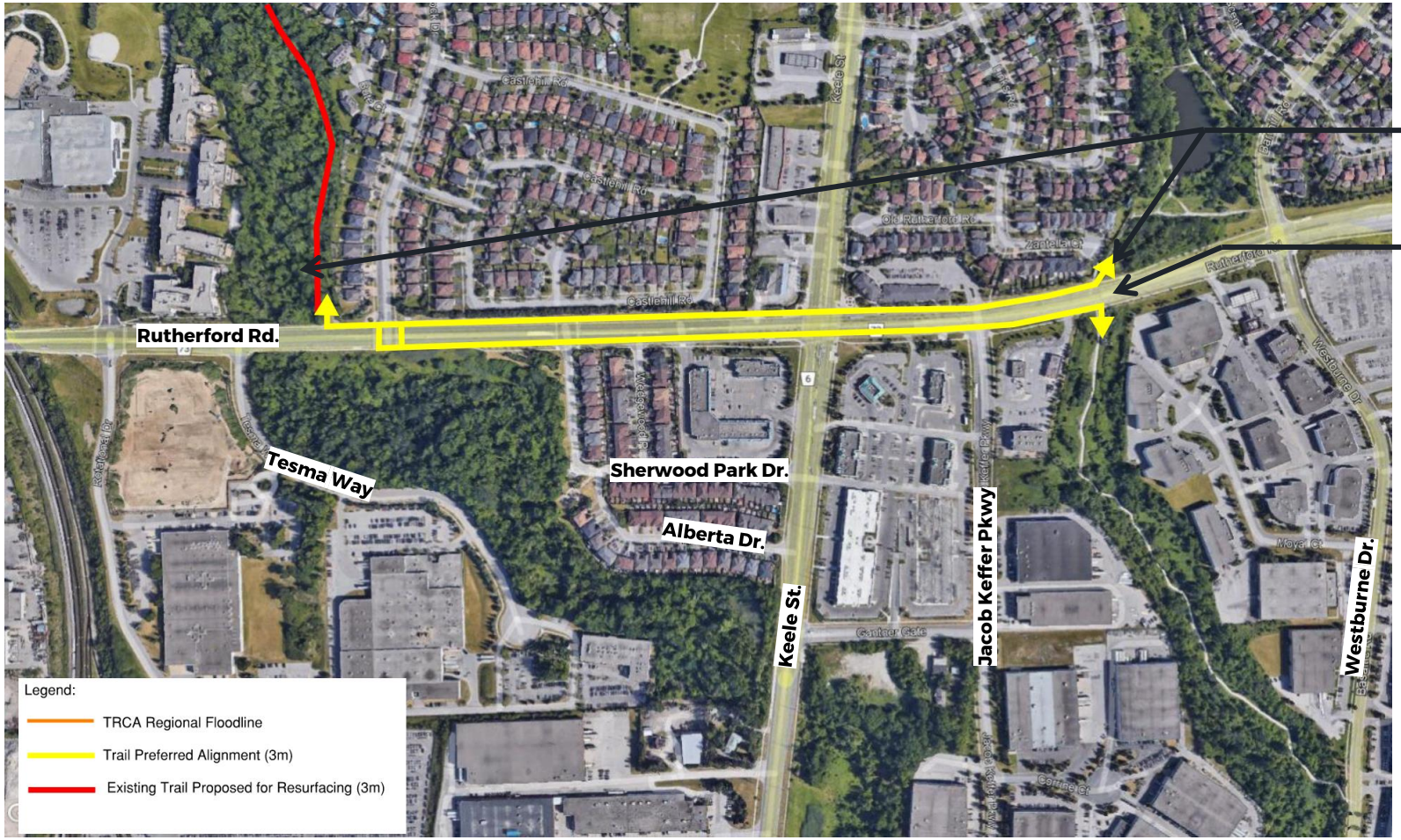
https://www.menti.com/b1kz9zag7d

Rutherford Rd. to Keele St.

Trail Alignment

Rutherford Rd. To Keele St.

Route Overview (Short Term)

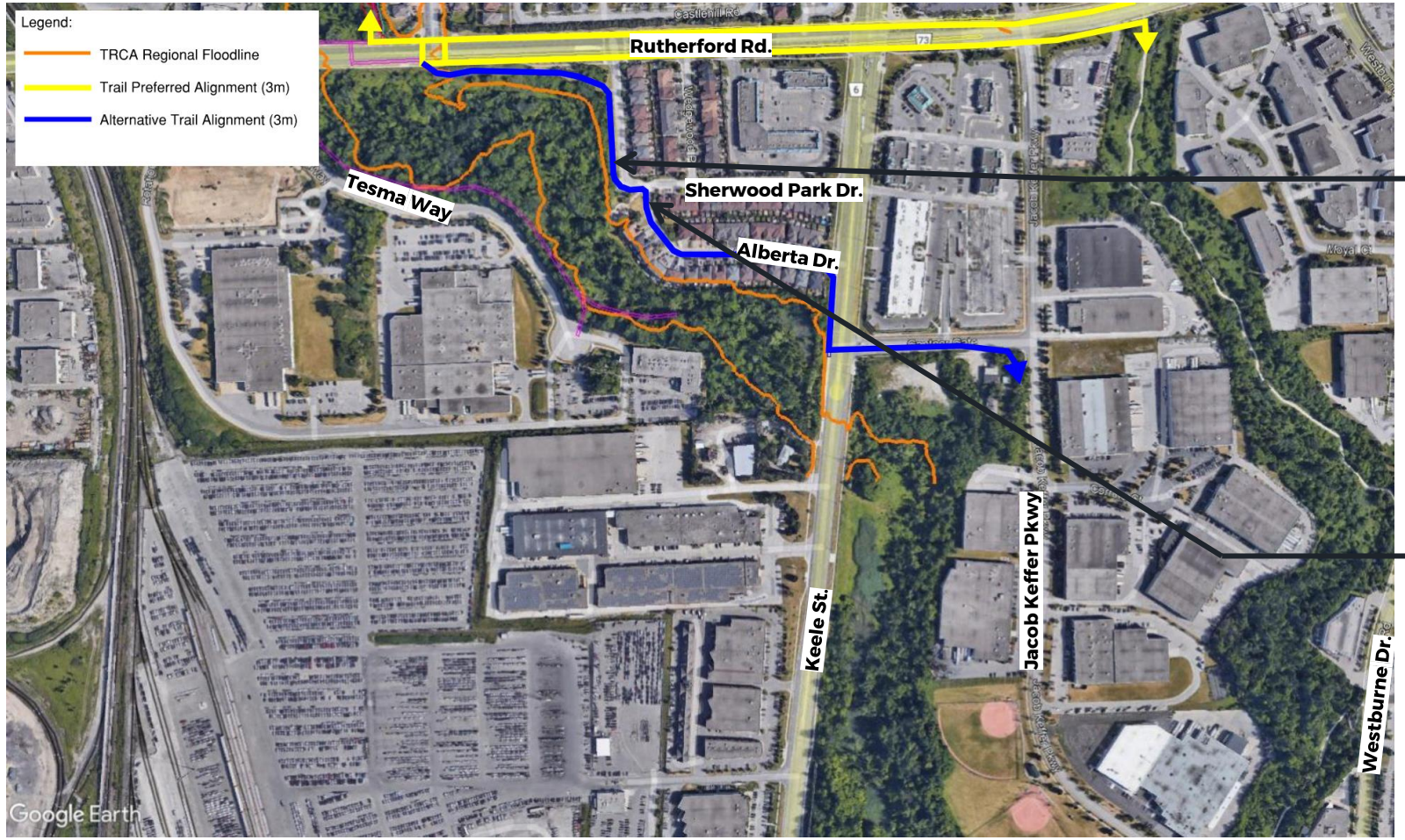


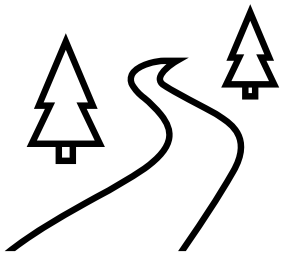
825m between trails

New dedicated cycling and pedestrian facilities are being constructed for Rutherford Rd. and will convey users to the existing off-road trail connection west of Keele St.

Rutherford Rd. To Keele St.

Alternative Route (Not Preferred)





New Trail

3m wide asphalt trail.

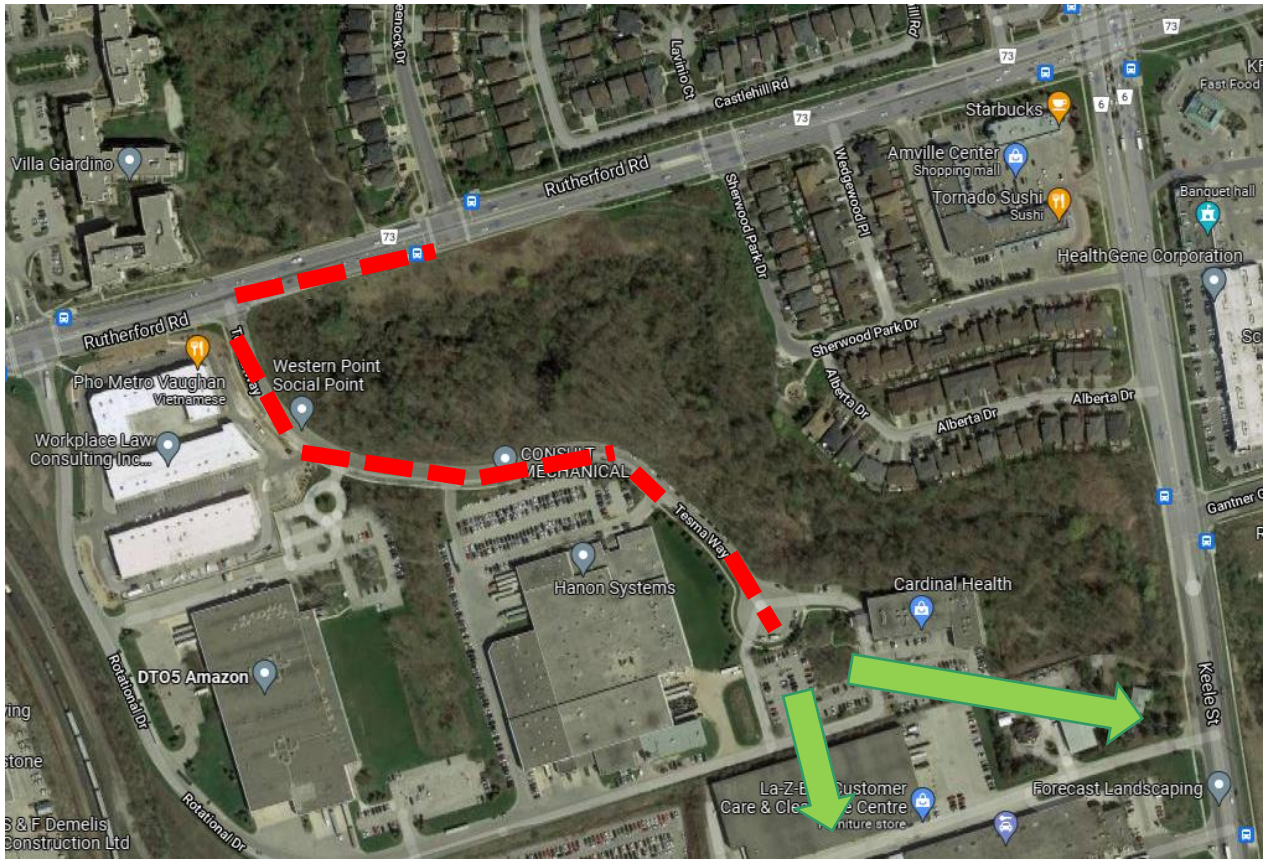
On Road Facilities for Cyclists

Pedestrian Use of Sidewalk

Rutherford Rd. to Keele St.

Future Route Option to Monitor

- Long term recommended alignment is to utilize Tesma Way, which is not feasible at this time due to the ‘land locked’ terminus and slope constraints in the river corridor.
- Considerations to modifying the current road cross section to accommodate a multi-use pathway, reducing parking options along one side of the road.
- The report recommends monitoring redevelopment in this area and reassess the potential alignment at that time.



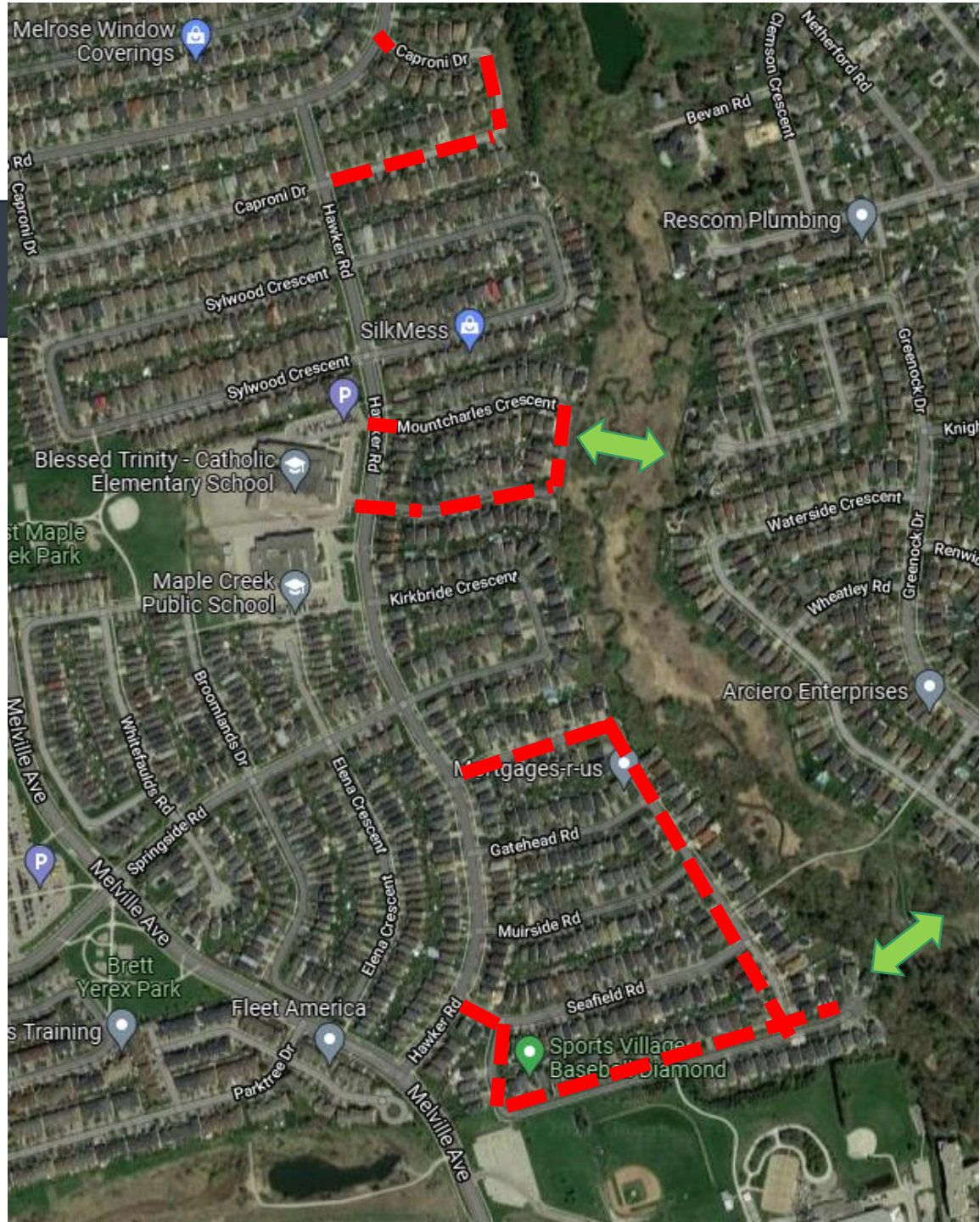
AT Improvements

There are several streets that have been identified for proposed on-road active transportation facility improvements and wayfinding along existing sidewalk infrastructure.

Improvements on quiet streets will include: signage and shared lane markings (sharrows) to provide wayfinding

Streets identified for improvements include:

- Caproni Drive
- Mountcharles Crescent
- Hawker Road
- Glenside Drive
- Hollybush Drive (+Seafield Road)



Menti Poll Questions

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OR

Using the following **link:**

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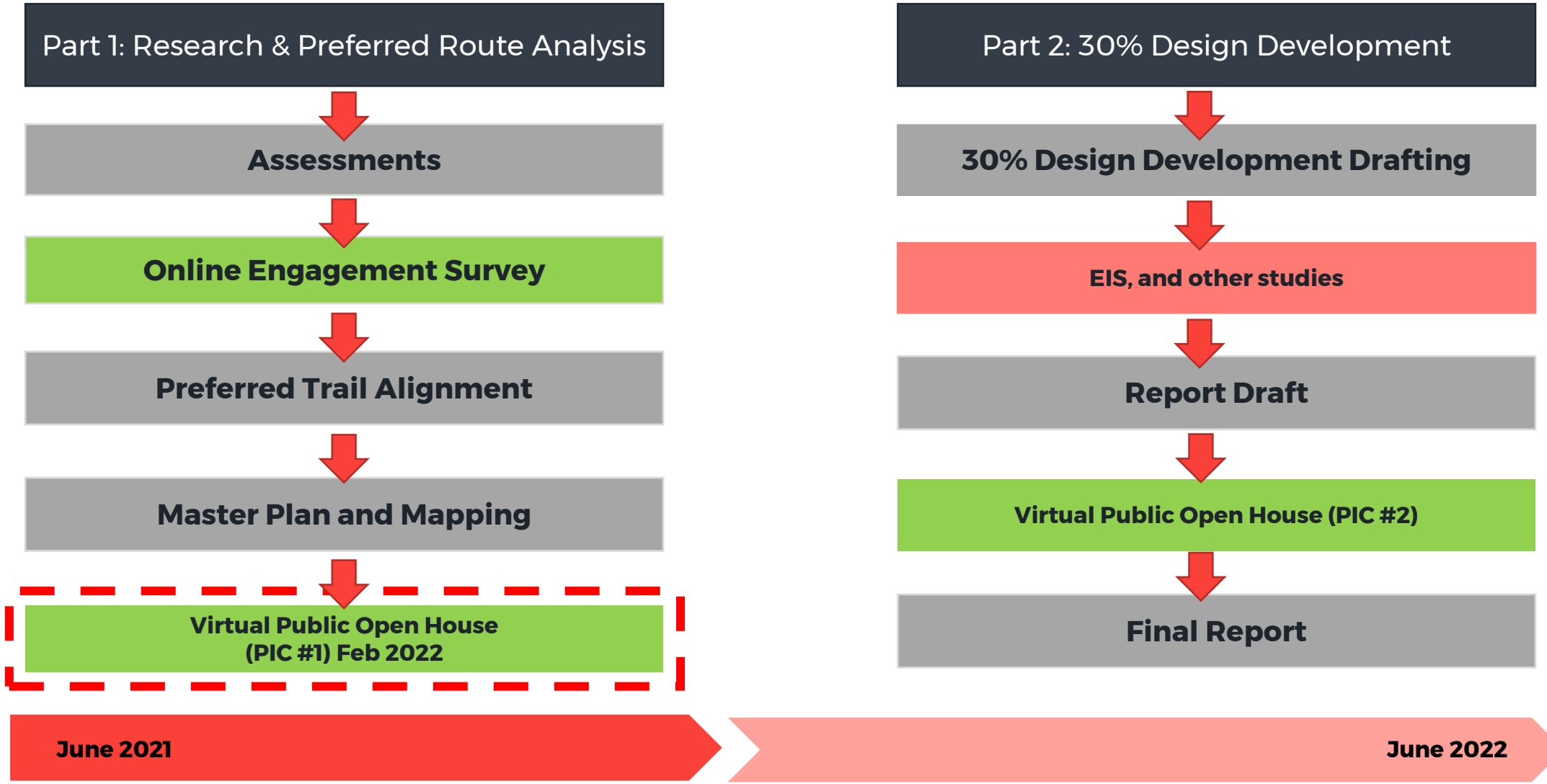
Project Schedule & Deliverables

Next Steps



Draft Implementation Approach

Target Area 1

(McNaughton Rd. to Naylon St.)

Target Area TBD

Schedule tied to land development

(Naylon St. to Mountcharles Cres.)

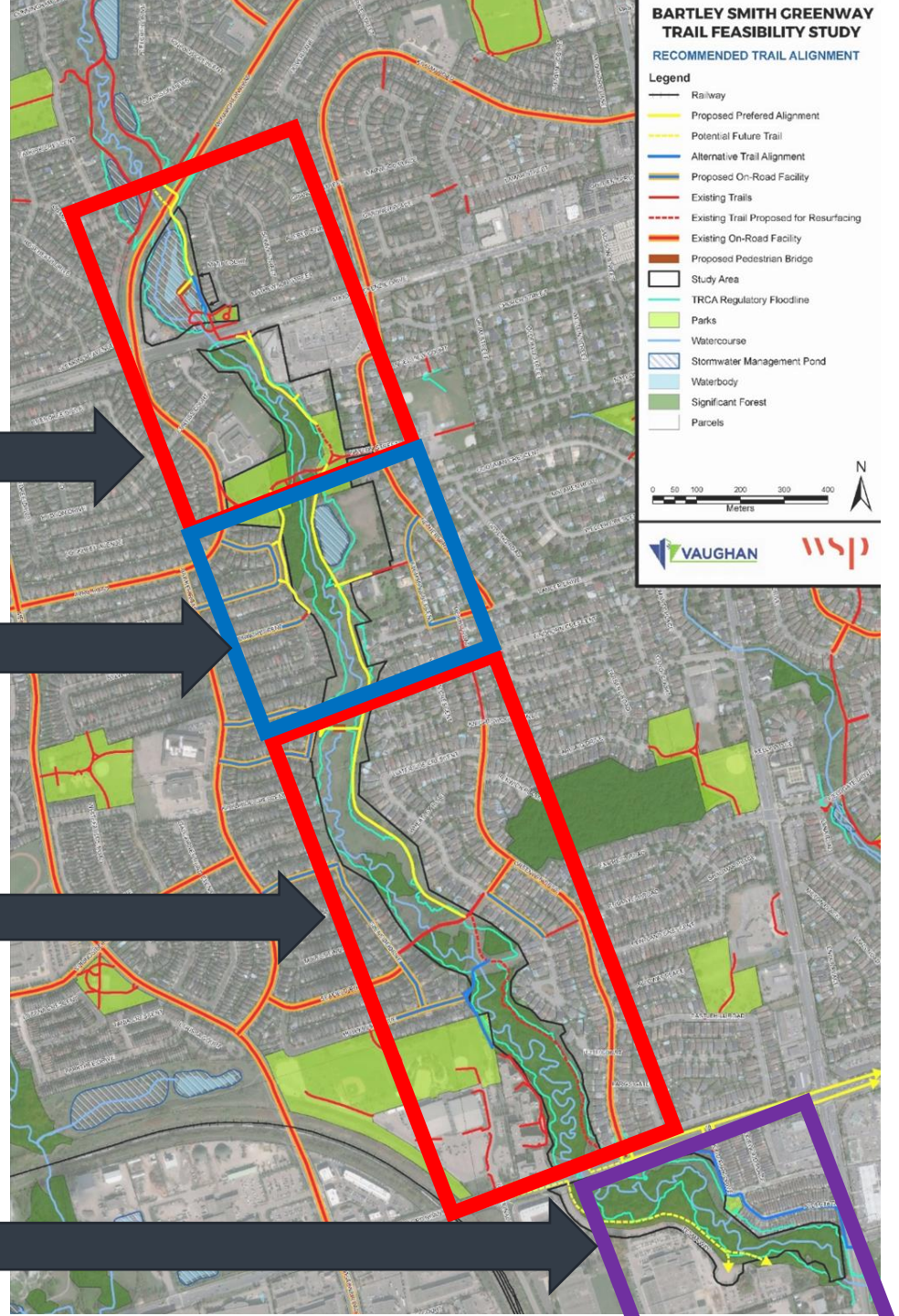
Target Area 2

(Mountcharles Cres. to Rutherford Rd.)

Target Area Long Term

Pending future change in land use

(Rutherford Rd. to Keele St.)



Discussion

Do you have any comments or questions for us?

How can you provide additional feedback?
Visit the 'Miro Board' and share!!

How To Steps (Option 1):

1. Copy link below into browser (Chrome is preferable)
2. Share feedback on Miro

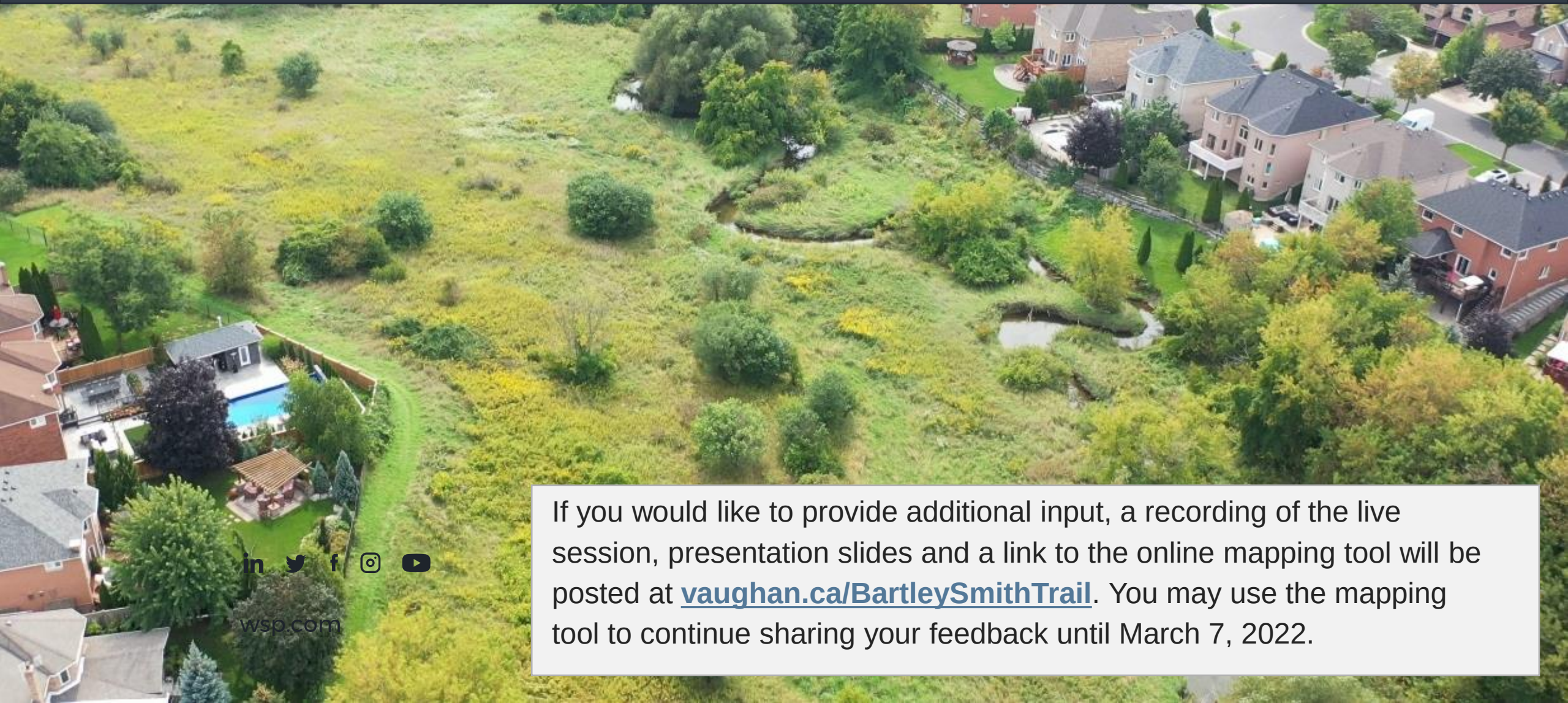
https://miro.com/app/board/uXjVOQx3Y40=/?invite_link_id=517526986728

How To Steps (Option 2):

1. Open the camera on your device
2. Scan the QR code to join
3. Share feedback on Miro

Bartley Smith Greenway Gap Trail Feasibility Study

Thank you for Participating!



If you would like to provide additional input, a recording of the live session, presentation slides and a link to the online mapping tool will be posted at **vaughan.ca/BartleySmithTrail**. You may use the mapping tool to continue sharing your feedback until March 7, 2022.

wsp.com