

Kawartha Lakes Trails Master Plan Update

Round 2 Engagement Package
April 2022



Land Acknowledgement

2

The City of Kawartha Lakes respectfully acknowledges that we are situated on Mississauga lands and the traditional territory covered by the Williams Treaties.

We are grateful for the opportunity to work here and we thank all the generations of people who have taken care of this land - for thousands of years. We recognize and deeply appreciate their historic connection to this place. We also recognize the contributions of Métis, Inuit, and other Indigenous peoples, both in shaping and strengthening this community and country as a whole. This recognition is connected to our collective commitment to make the promise and the challenge of Truth and Reconciliation real in our community.

Project Team

3



Gillie Thompson
Engagement
Coordinator



Neluka Leanage
Trails Planning
and Policy



Samantha Leger
Trails Planning
and Policy



Peter Brocks
Trail Design and
Construction
Specialist



Jenn Johnson
Manager of Parks,
Recreation and Culture

Shelley Cooper
Supervisor - Parks
Recreation and Culture

Ryan Smith
Supervisor Capital-Special
Projects, Cemeteries and Trails

Welcome to Round 2 Engagement

Purpose of This Session

Review	Vision, Principles and Objectives and feedback received during Round 1 Engagement
Inform	About the technical work completed to date including how feedback has been considered
Generate	An understanding of our approach and the various plan components
Provide	An overview of next steps including setting implementation priorities and phasing
Discuss	Questions and comments provided by attendees

Agenda

Time	Item
7:00 pm to 7:10	Welcome & Introductions
7:10 to 8:10 pm	Presentation
8:10 pm – 8:30 pm	Discussion
8:30 pm	Closing Remarks

Presentation Outline

5

1. Project Overview
2. Proposed Approach to the Trails Master Plan Update
3. Proposed Improvements: Five Key Tactics
4. Proposed Trail Design Standards and Guidelines
5. Proposed Tactics and Projects across the Focus Areas and Network
6. Proposed Criteria to Prioritize and Phase Improvements
7. Project Next Steps

Housekeeping

6

- Please keep your microphone muted during the presentation and if you are not speaking
- If you are experiencing network issues please turn off your video to preserve bandwidth
- Protocol for questions
 - We will be holding discussion to the end of the presentation
 - Type slide # and brief topic in the chat – at the end of the presentation we will go through the chat question in order and you can turn on your microphone and ask the question.
 - We will open up to general discussion after that.
- If you are ever “removed” from the meeting please use the link again and you will be let back in by the facilitator



Trails Master Plan Update Project Overview

Purpose of the Trails Master Plan Update

8

In 2006, the original trails master plan was adopted. Fifteen years have passed which means an update should...

Maintain...

Sections of the plan that are still considered applicable with minor revisions



Adapt...

Sections of the plan that are still considered applicable as-is with minor updates or additional content



Upgrade...

Content that requires additional details and clarification based on new best practices



Develop...

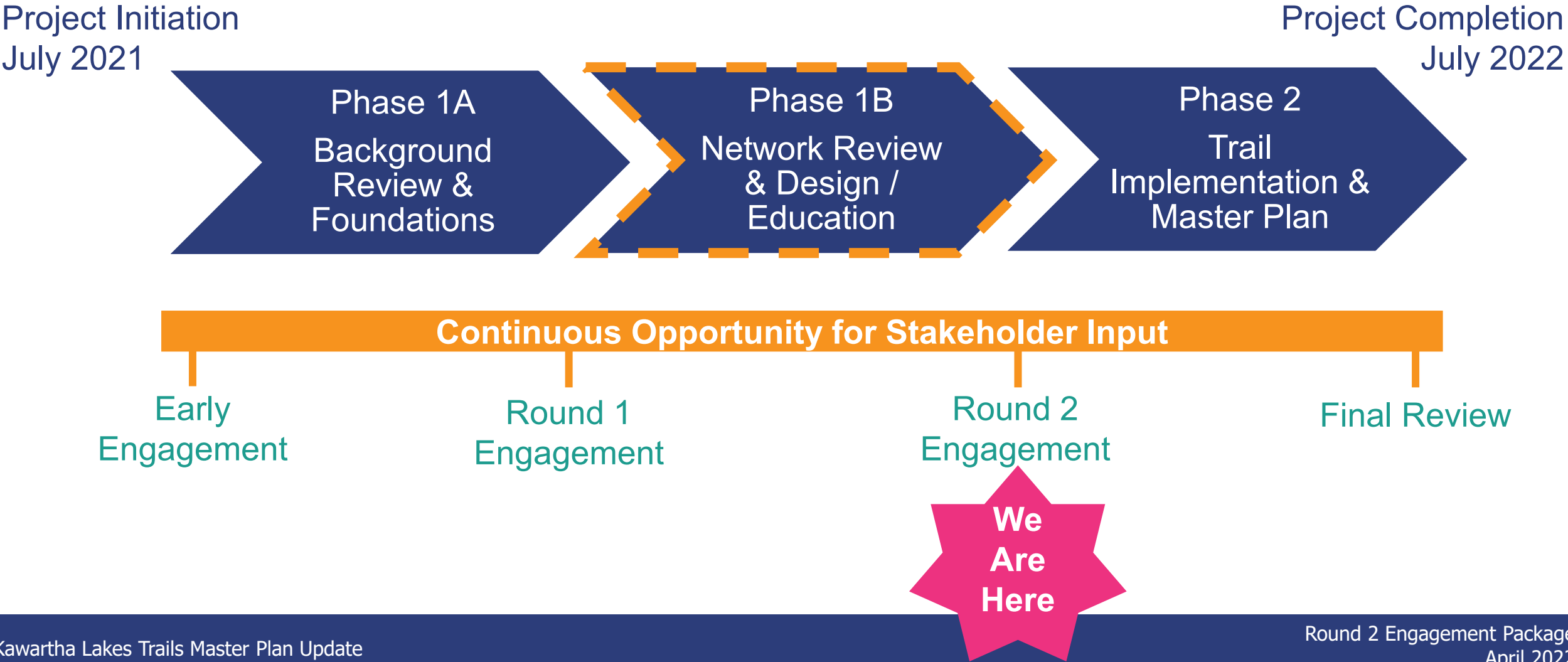
New content that is part of the scope of the update, not found in the previous plan

Opportunities Within This Trails Master Plan Update

9

- Create unique trails and safe, memorable and enjoyable trail experiences for a variety of different users
- Improving opportunities for shared use through design
- Create supportive signage and wayfinding
- Improved accessibility and amenities
- Emphasize trails as destinations
- Recognize opportunities for active connectivity through the Active Transportation Master Plan
- Effective approaches to monitoring and enforcement
- Priorities and certainty around maintenance standards and practices
- Updated investment and funding strategy

Project Process Overview



The 2022 Trails Vision...

"Trails in Kawartha Lakes will be fun, accessible (where appropriate), safe and comfortable for users and will be a key contributor to community health, connectivity, livability and sustainability."

Principles and Objectives

12

Design for User Comfort and Safety

Improve user experience and safety with updated trails classifications, designs, signage and management

Provide Barrier-Free Access Where Appropriate

Improve accessibility and reduce trail barriers through upgrades and maintenance

Connect Community Destinations

Focus on key area, destinations, and link to on-road facilities

Identify Feasible Solutions

Prioritize recommendations that are environmentally, socially and economically responsible, and optimize municipal resources

Support Sustainable Implementation

Address funding, maintenance and monitoring as well as achievable phase-based targets

Establish Clear Communications

Manage user experience via trails classifications, signage, wayfinding and encouragement strategies

Foster Stewardship

Involve people and groups via stewardship partnerships, education and encouragement strategies

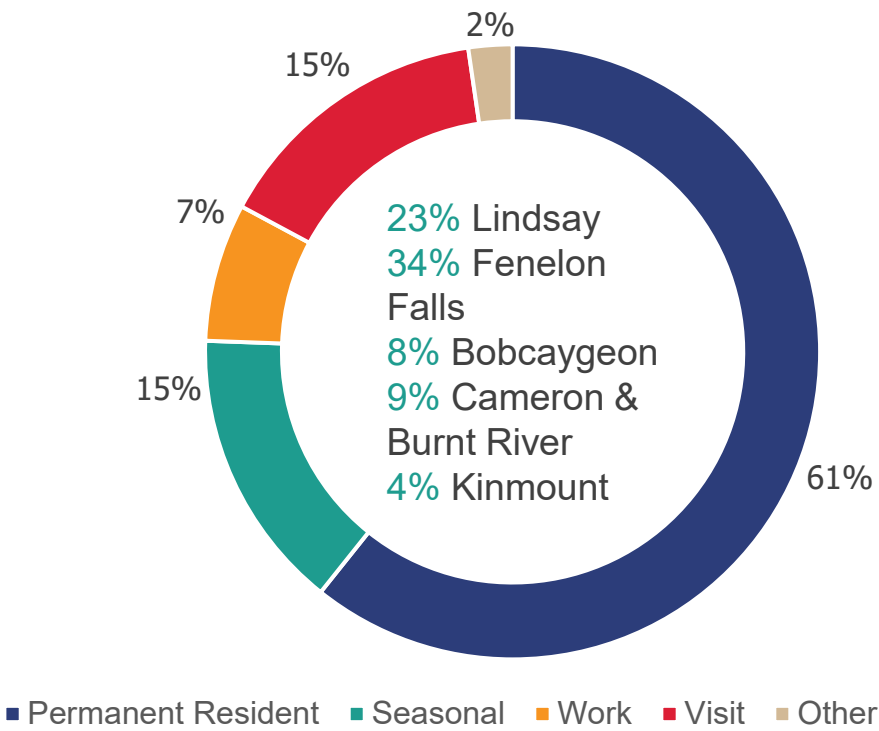
Establish Consistent Monitoring

Establish clear targets, practices, and monitoring methods

Round 1 Engagement: What We Have Heard

273 responses to the survey...55% were aware of the 2006 Plan...96% did not participate in the development of the 2006 Plan

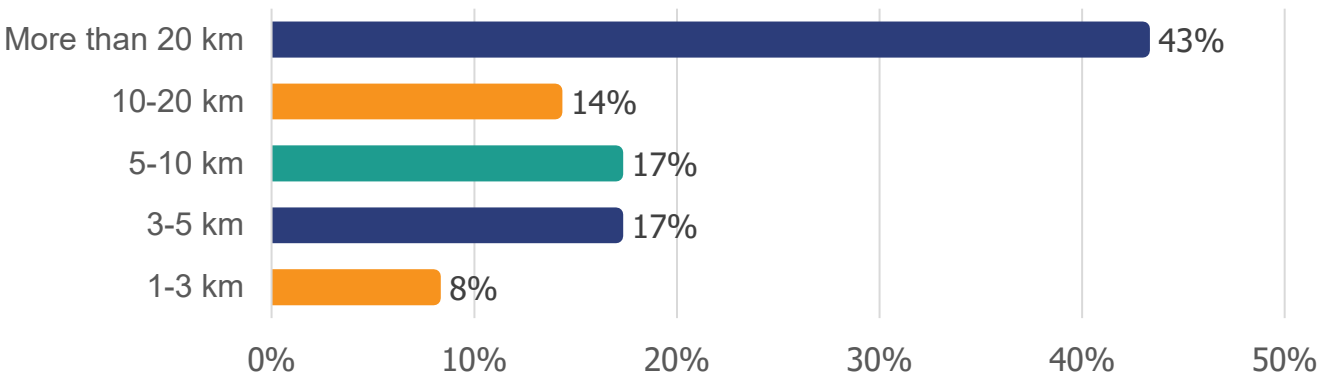
What is your relationship to Kawartha Lakes and in which community do you reside?



Top five barriers to trail use in Kawartha Lakes include:

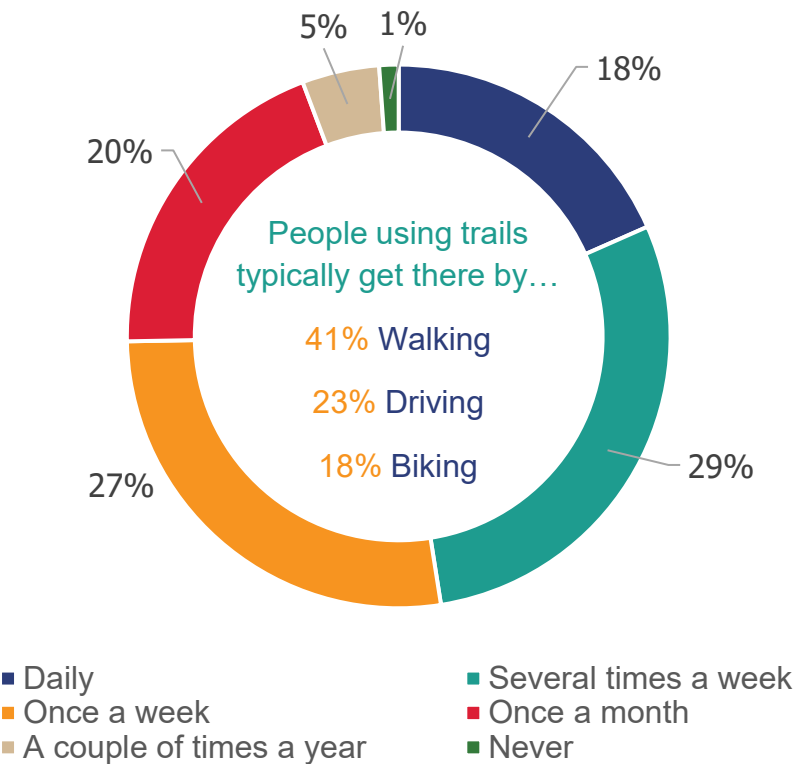
Weather - Safety - Accessibility
Time - Lack of Amenities

The distance typically travelled when using trails...



Round 1 Engagement: What We Have Heard

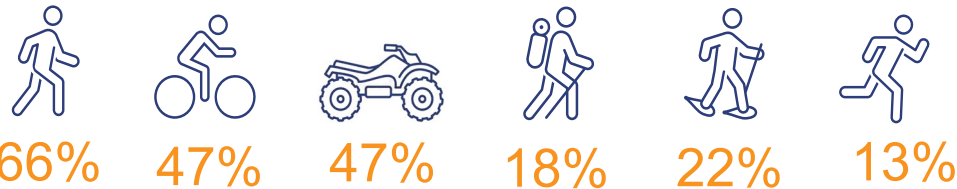
Frequency of trail use indicated a preference for use either daily or several times a week



Trail information is typically found by:

- City's Webpage 6%
- E-map or App 27%
- Hard Copy Map 14%
- Memory 40%

Trails are typically used by...



Most people get to trails by...



Round 1 Engagement: What We Heard – Major Themes



Green Trails Alliance

- Design classification and guidance
- Policy Development
- Program Development
- Funding Requests
- Internal Capacity Support



East Cameron Lake Association

- Recommendations specific to the ECL section of the VRT
- Design of compatible uses
- Safety relative to trail design
- Potential user restrictions



Kawartha Trans Canada Trail Association

- Location specific improvements
- Accommodation of accessible users
- Highlighting the KTCT as a spine Design to control restricted or permitted users
- Policies
- KL support and funding



Environmental Action Bobcaygeon

- Alignment of on-road routes more applicability to the ATMP with potential exploration of off-road trails
- Overall connectivity
- Intersection safety
- Economic support and development



Kawartha Snowmobile Club

- Trail management strategy
- Maintenance strategies or guidelines in support of seasonal practices
- Capacity and coordination recommendations



Kawartha ATV Association

- Route recommendations and areas of improvements explore through the network development process
- Trail management and maintenance practices and policies
- Capacity and coordination opportunities



Proposed Approach to the Trails Master Plan Update

Overall Approach to the Plan Update

17

An **area-specific approach** that will aim to **enhance and fully harness the potential** of the existing Kawartha Lakes Trails Network.

This approach will prioritize **trails as destinations** for **recreational activity**.

In This Part of the Presentation Please Consider...

18

What are your views on taking a north, central and south approach with specific destinations and focus areas for improvement?

Why An Area-Specific Approach?

19



**Geographic
scale of the
municipality**



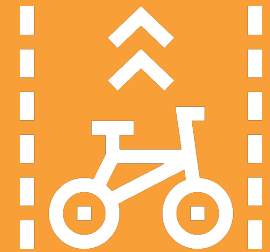
**Differing
needs in
different areas**



**Extensive trail
networks in
specific areas**



**Trails as
destinations**

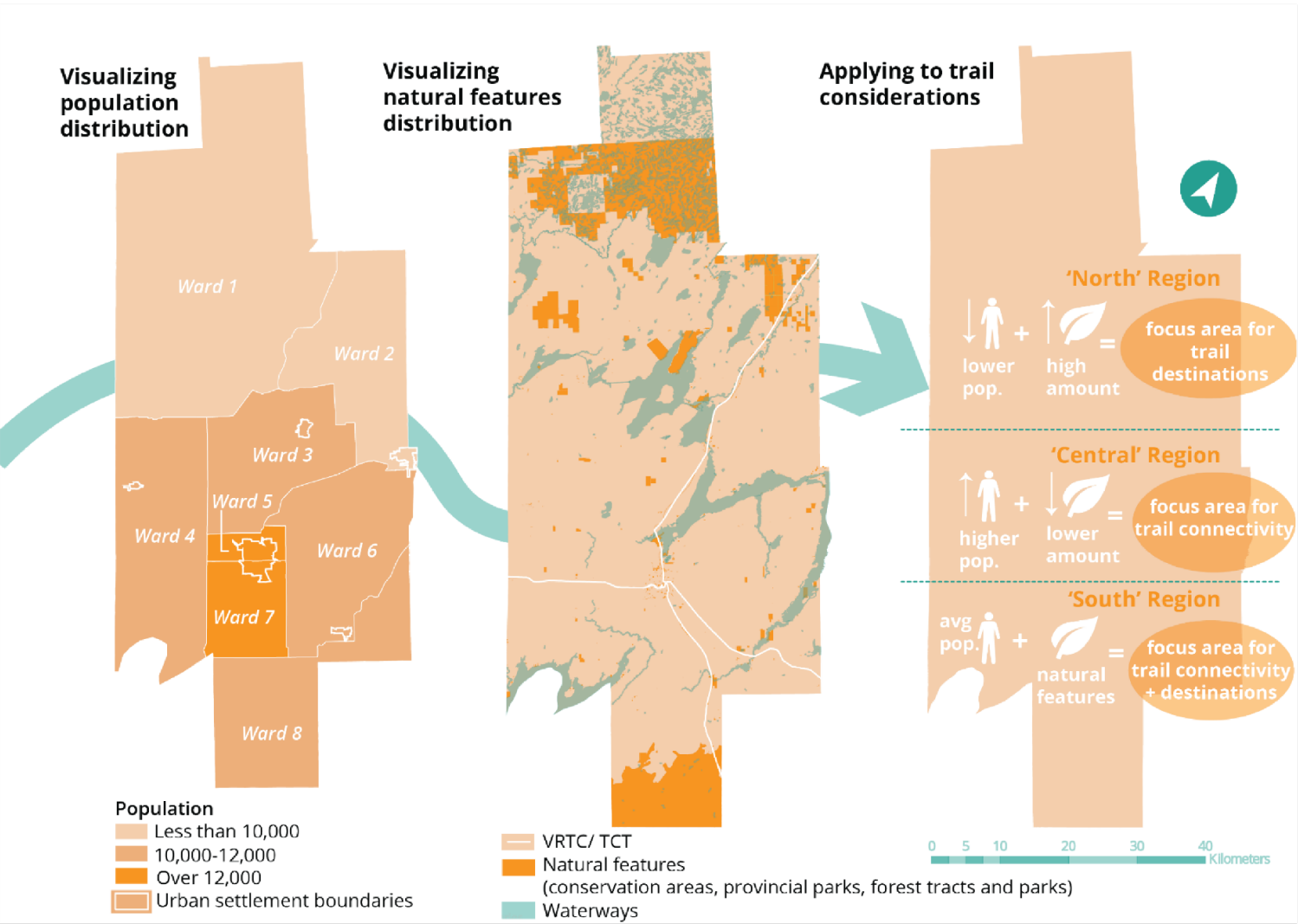
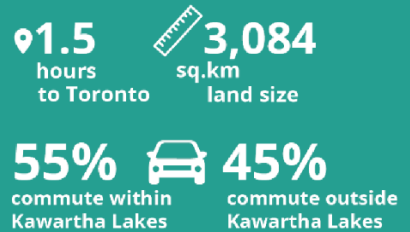
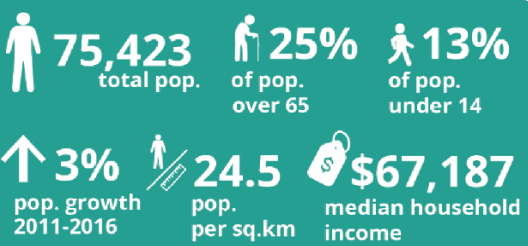


**Use AT
facilities to
connect trails**



Geographic Scale and Differing Needs

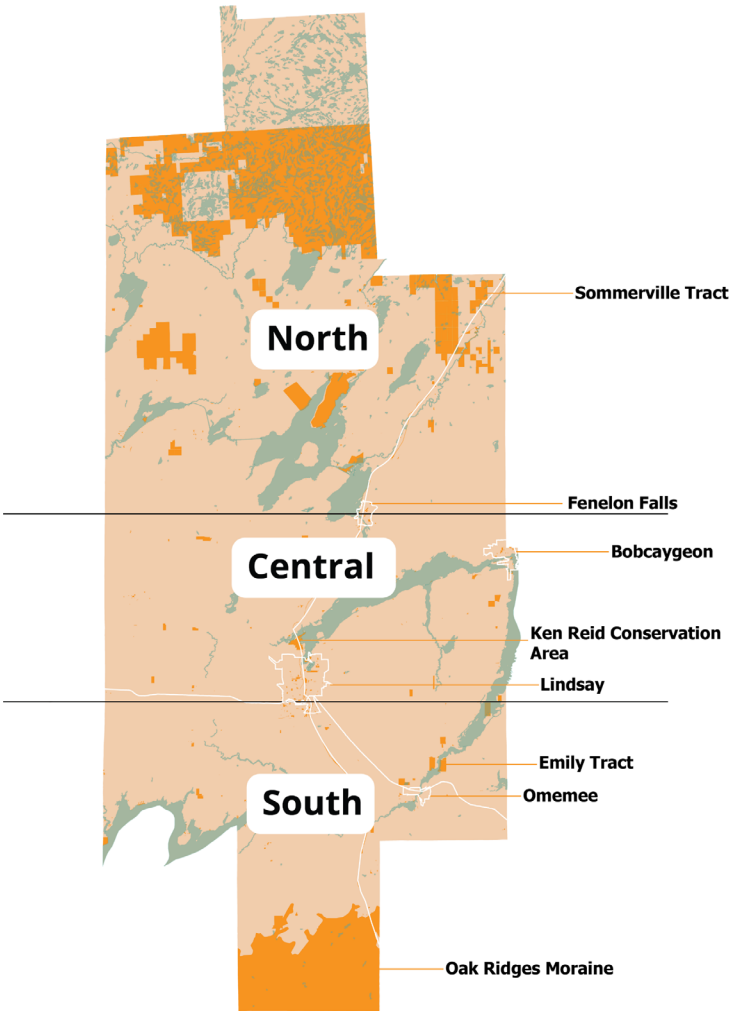
key statistics



Source: Statistics Canada. 2017. Kawartha Lakes, CDR [Census division], Ontario and Saskatchewan [Province] (table). Census Profile. 2016 Census. Statistics Canada Catalogue no. 98-316-X2016001. Ottawa. Released November 29, 2017. <https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/index.cfm?Lang=E> (accessed December 2, 2021).



Extensive Trail Networks in Specific Areas and Trails as Destinations



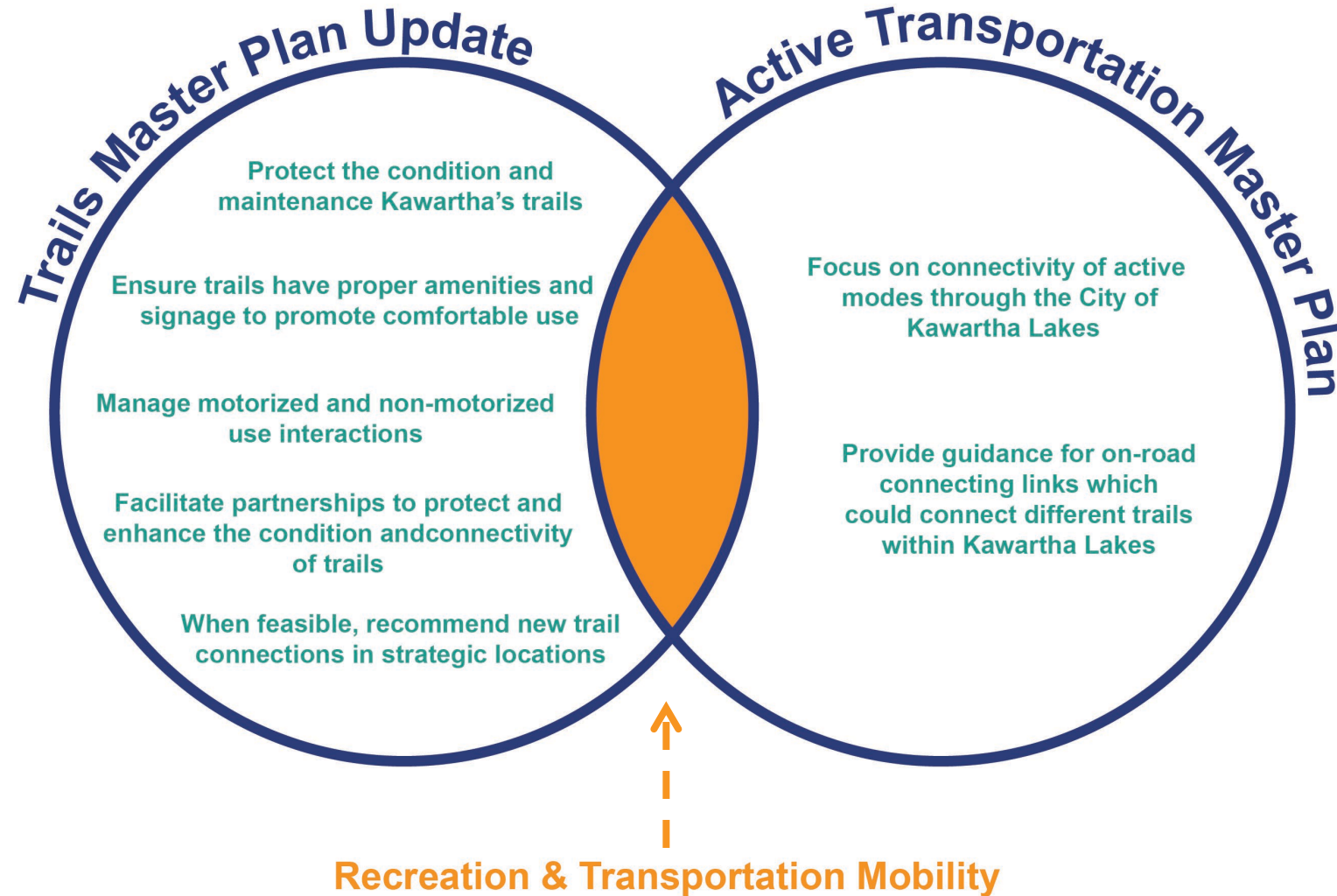
Approximately 300 km of existing trails within the City of Kawartha Lakes.

*not all under the City's jurisdiction



Use AT to Connect Trails

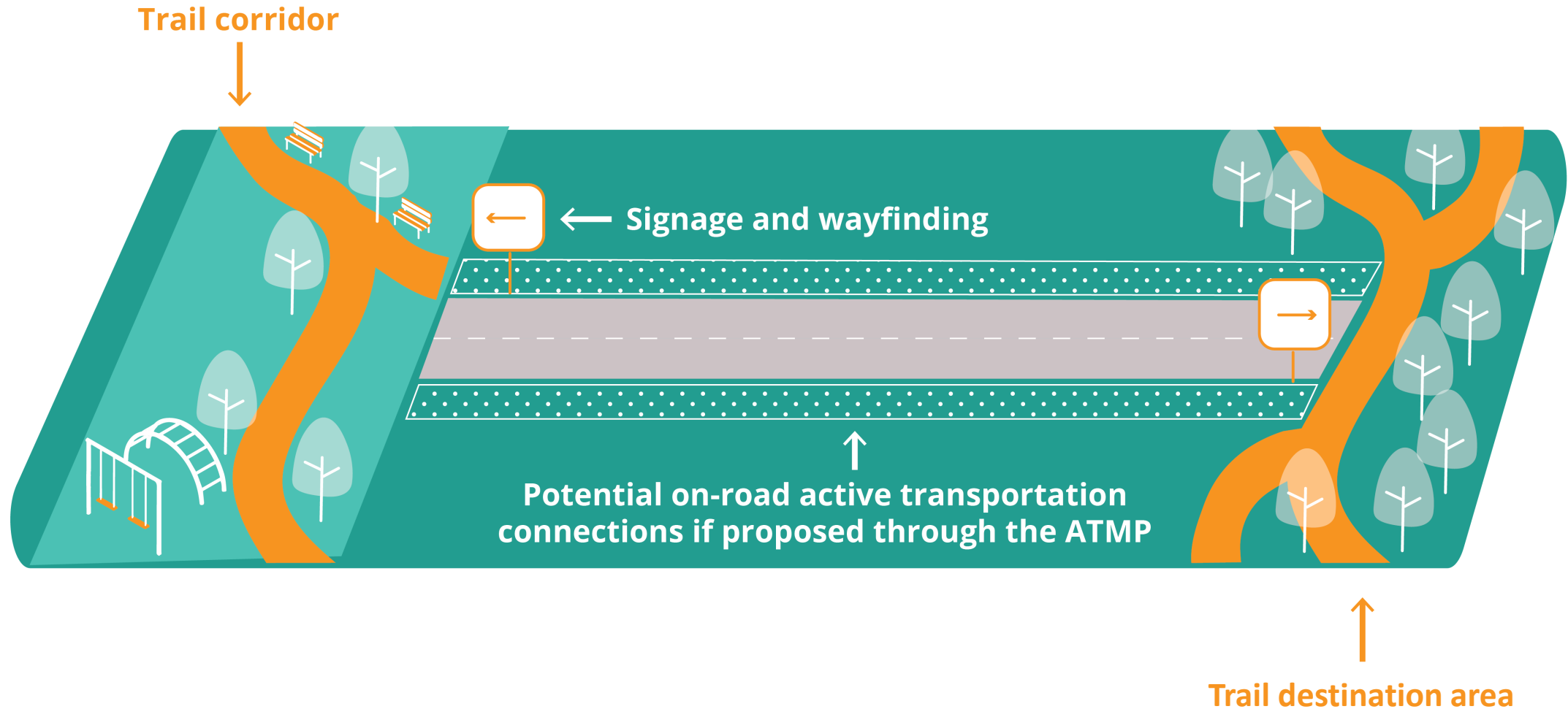
22



The Complete Trail Network:

How Trails and Other Active Transportation Components Work Together

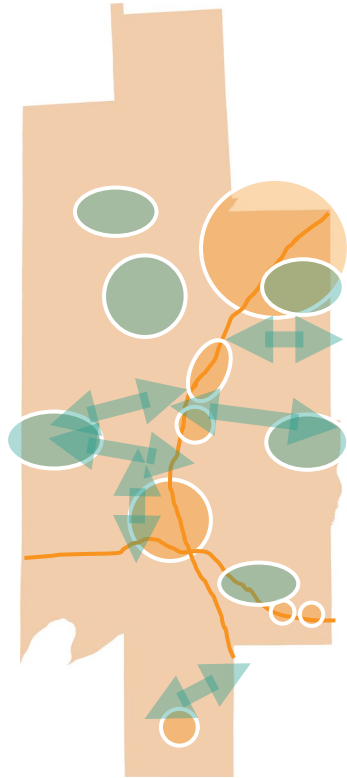
23



Identifying the Focus Areas

Based on Feedback and Key Criteria

24



Phase 1 hotspot and new conceptual trail connections map based on analysis and public feedback



Review based on alignment to guiding principles



Review based on initial feasibility



12
Focus
Areas



Proposed Improvements: Key Tactics

In This Part of the Presentation Please Consider...

26

Are these the right mix of tactics?

Do they address the needs, expectations and different facets of trail improvements across Kawartha?

Proposed Improvements: Key Tactics

27



User Experience Management

- Trail classifications
- Clear signage
- Pilot design solutions
- Policy within the TMPU



Condition Upgrades

- Trail classifications
- Policy within the TMPU
- TMPU phasing
- Partnerships



Upgraded Amenities & Signage

- Trail classifications
- Clear signage
- Aligned with trailheads and staging areas
- Policy within the TMPU



Partnerships for Improvements

- Policy within the TMPU
- Targeted consultation if feasible

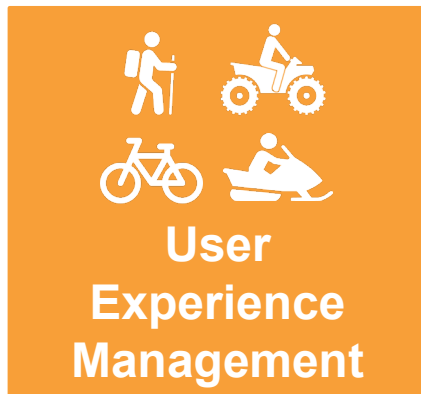


Trail Links

- Network evaluation criteria
- AT Links
- Trail classifications
- Partnerships

Key Tactics: User Experience Management

28



Objective: Foster an enjoyable experience for all trail user groups through dedicated improvements that balance user-interests.

Projects: User experience management can be implemented through a variety of tactics, including condition improvements focused on separating use via the trail classifications, traffic calming measures via the trail classifications, signage improvements to educate users on appropriate use, and when needed new trails or by-pass routes.

Focus Areas: VRT along East Cameron Lake; VRT north of Lindsay.

Key Tactics: Condition Upgrades

29



Condition
Upgrades

Objective: Improve existing trail conditions to enhance user experience and comfort without changing the existing use or function of the trail.

Projects: Condition improvements are predominantly implemented via the trail classifications that provide guidance on minimum trail standards for design, maintenance and amenities. Phasing and monitoring will also support a cyclical approach to condition upgrades over short, medium and long term horizons. Depending on the trail, condition improvements can be implemented via a partnership between the municipality, other agencies and user groups.

Focus Areas: Somerville Forest Tract, VRT through Fenelon Falls, Cross Connection-3rd Concession of Somerville, Emily Forest Tract, VRT through Bethany.

Key Tactics: Upgraded Amenities and Signage

30



Upgraded Amenities & Signage

Objective: Improve existing trails and user experience through ‘start’ and ‘end’ conditions, such as trailheads, staging areas, and signage as well as amenities along the trail.

Projects: Upgraded amenities are implemented as part of the trail classifications, which provide standards and guidelines for trailheads, staging areas, and other amenities such as rest areas, benches, garbage receptacles, etc. Signage and wayfinding improvements are implemented via the signage strategy.

Focus Areas: Somerville Forest Tract, VRT through Fenelon Falls, Cross Connection-3rd Concession of Somerville, Emily Forest Tract, Lindsay North Motorized By-Pass Route, Lindsay Urban Area, VRT through Bethany.

Key Tactics: Partnerships for Improvements

31



**Partnerships for
Improvements**

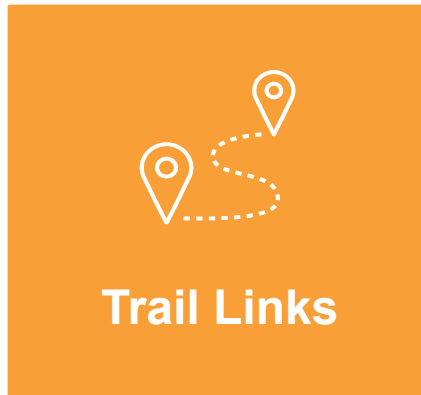
Objective: Foster strong relationships between the municipality and key external agencies to maintain, develop, and promote trails throughout Kawartha Lakes.

Projects: Supportive policy within the plan which outlines potential partnership strategies.

Focus Areas: Lindsay North Motorized By-Pass Route, Lindsay Urban Area, Kawartha Trans Canada Trail.

Key Tactics: New Trail Links

32



Objective: Improve connectivity of trails within Kawartha Lakes in key destinations.

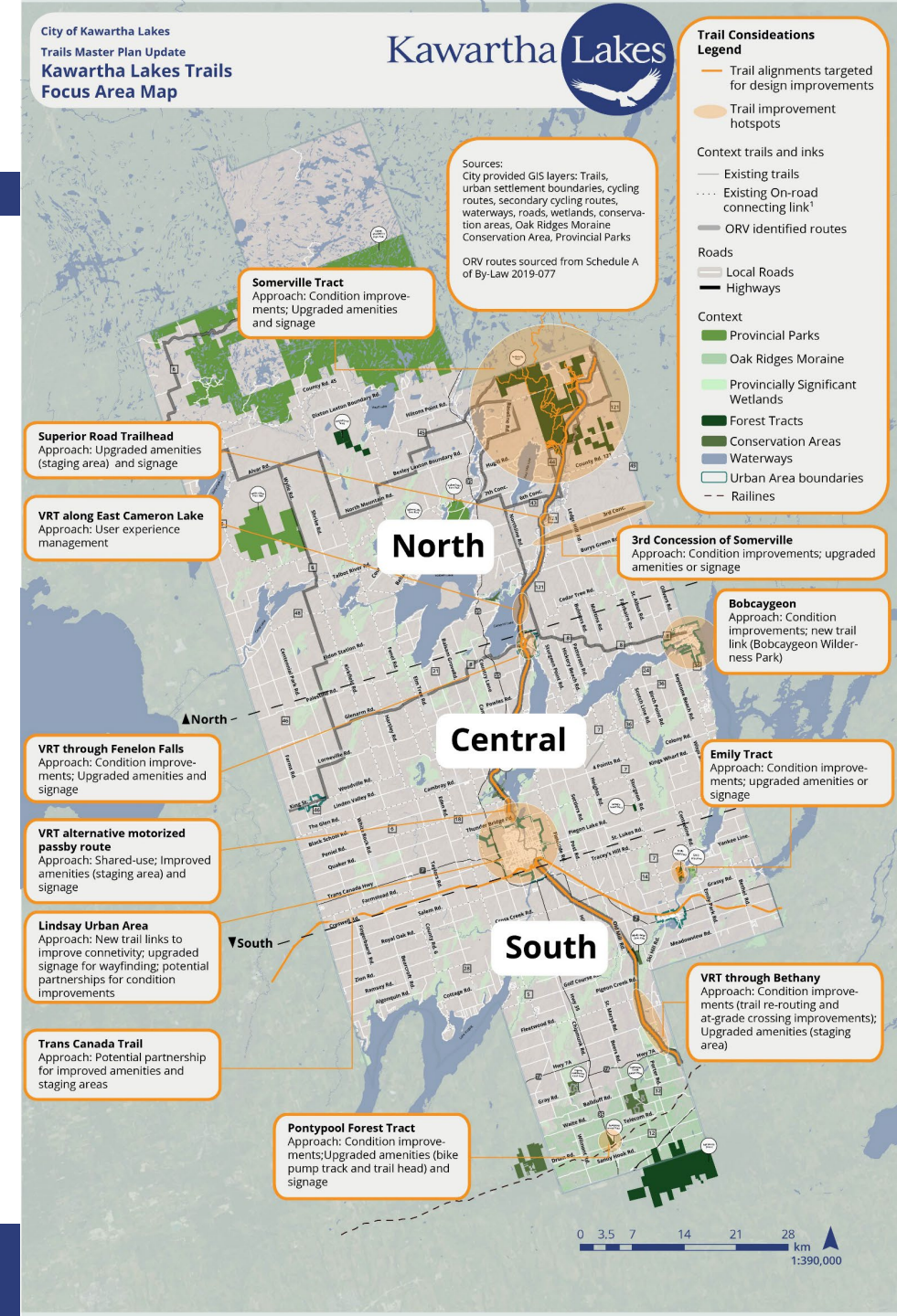
Projects: Locations for new trail links were scoped based on the network development review process, and will be implemented via the trail classification system.

Focus Areas: Lindsay Urban Area; Bobcaygeon Urban Area, Pontypool.

Overview of 12 Focus Areas

33

- Somerville Forest Tract
- VRT Along East Cameron Lake
- Superior Rd. Trail Head
- Cross Connection-3rd Concession of Somerville
- VRT through Fenelon Falls
- Bobcaygeon Urban Area
- Alternative Motorized By-Pass Route - Lindsay North
- Lindsay Urban Area VRT Crossings
- Kawartha Trans Canada Trail
- VRT Through Bethany
- Emily Forest Tract
- Pontypool Forest Tract





Proposed Trail Design Standards and Guidelines

In This Part of the Presentation Please Consider...

35

Do the proposed trail design standards and guidelines balance different user needs and expectations across Kawartha?

Do the core components reduce conflicts and enforcement issues?

If not, how else would you want these to be addressed?

In This Part of the Presentation Please Consider...

36

What are your views on the trails and sign classifications?

Did we capture the differences and are these manageable?

How do you see an education strategy working with the trails and sign classifications? And any education strategy examples to share?

Purpose of Trail Standards & Guidelines

37

- Compliment the Trails Master Plan Update
- Guide the approach used for designing, building and maintaining trails and signage
- Guide consistency of standards across the entire network and municipality
- Utilize best practices for creating and managing safe, enjoyable, accessible and sustainable trail experiences

Components



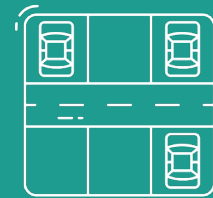
**Trail
Classifications**



Amenities



Trailheads



Staging Areas



Crossings



**Sign
Classifications**

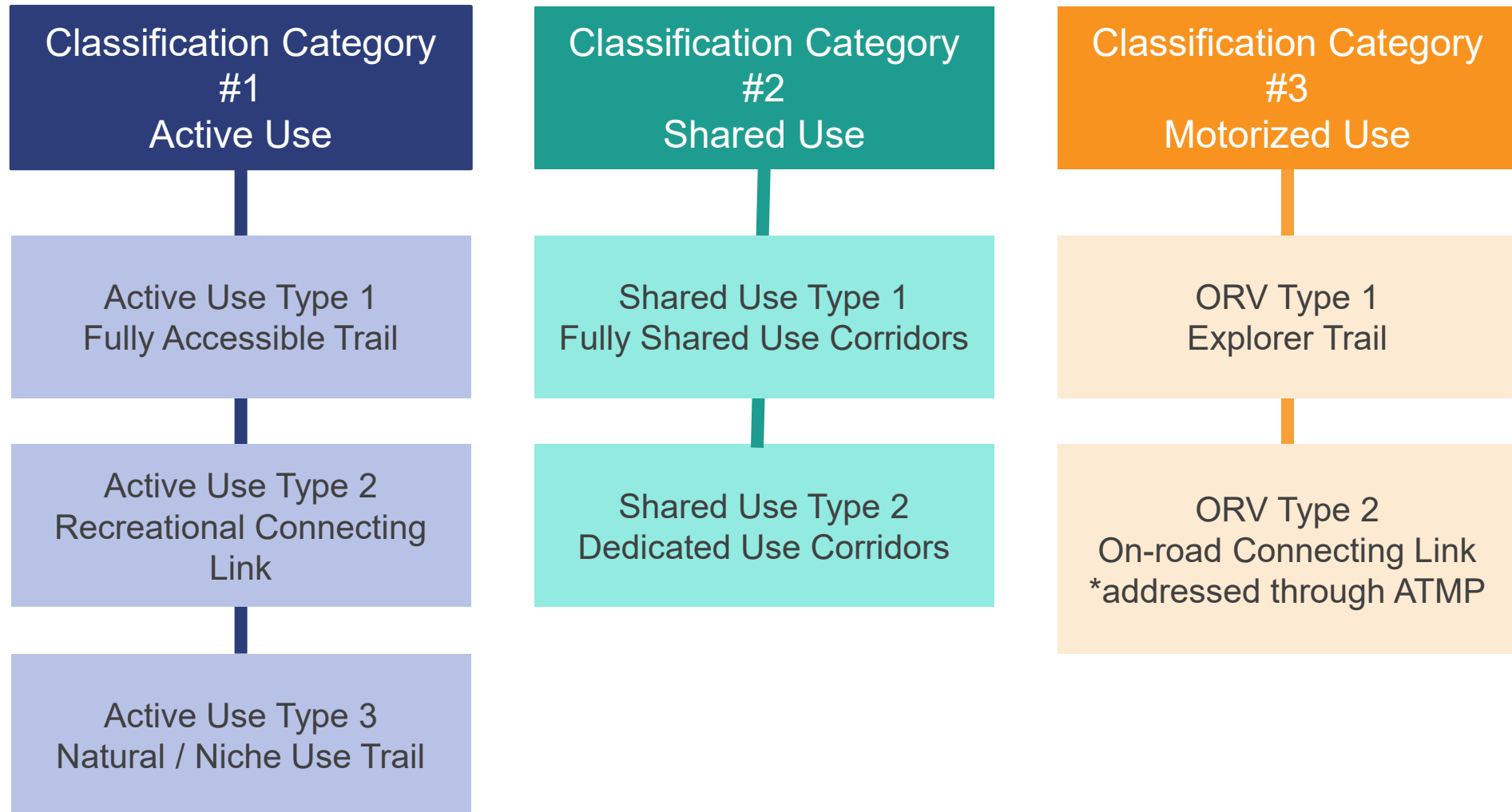
Components of Trail Standards & Guidelines

38



Trail Classification Overview

39



Trail Classification: **Active Use**

40

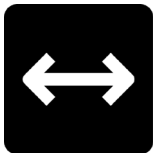
Type 1 Fully Accessible Trail



Easy



maintenance



3m typically
Min 2.4m, Max
4.5m



5%, if > then
rest area
provided

Example

Victoria Rail Trail along
the Rotary Trail

Location

Open Space
Parkland

Surface

Typically hard
surface - asphalt or
compacted with
stone dust.

Amenities

Moderate-high
frequency

Maintenance

High level of service in 3-
seasons, and moderate
frequency of
maintenance.
Possible winter
maintenance in specific
locations.

AODA

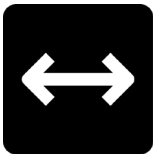
Meets or exceeds
minimum accessibility
requirements
where feasible.

Trail Classification: Active Use

Type 2 Recreational Connecting Link



Easy to
Moderate



3m typically
Min 2.4m



> 5%, Max 10%

Example

Wilson Fields Trail System
McLaughlin Road Link to Northwest Lindsay Development

Location

Open Space
Environmental Protection Area (EPA)
Parkland

Surface

Compacted granular surface, Granular A, clear stone, wood boardwalk.

Amenities

Low frequency

Maintenance

High level of service in 3-seasons, moderate frequency of maintenance. Possible winter maintenance in specific locations.

AODA

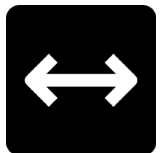
Meets or exceeds minimum accessibility requirements where feasible.

Trail Classification: **Active Use**

42

Type 3 Natural / Niche Use Trail

Moderate
To Difficult



1-2m typically



Respond to
natural
topography



Example

Emily Forest Tract /
Wilderness Park

Location

Forest Areas
Environmental
Protection Area (EPA)

Surface

Granular or natural
surface.

Amenities

Low frequency

Maintenance

Lowest level of service
and moderate frequency
of maintenance,
seasonally dependent.

AODA

Natural or heritage
features take
precedence over
accessibility.

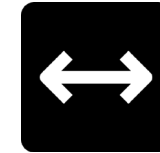
Trail Classification: Shared Use

43

Type 1 Fully Shared Use Corridor



Easy to
Moderate



3.5 - 4.5m
typically



> 5%, Max 10%

Example

Victoria Rail Trail south
of Lindsay
Victoria Rail Trail north
of Bethany

Location

Open Space
Environmental
Protection Area (EPA)

Surface

Granular surface.

Amenities

Low – moderate
frequency

Maintenance

Moderate level of service
in 3 seasons and
moderate-low frequency
of maintenance.
Grooming recommended
on OFSC Trails or
snowmobile routes.

AODA

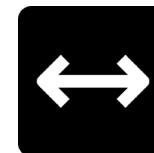
May meet accessibility
standards in some
sections.

Trail Classification: Shared Use/Dedicated Use

44

Type 2 Dedicated Use Corridors

Easy to
Moderate



Min 6m. Buffer
between
motorized and
non-motorized



Max 5%



Example

New trail type in
Kawartha

Location

Open Space

Surface

Non-motorized -
compacted granular or
hard surface.

Motorized – granular.

Amenities

Moderate - high
frequency

Maintenance

High level of service in 3-
seasons, moderate
frequency of
maintenance. Grooming
recommended on OFSC
Trails or snowmobile
routes.

AODA

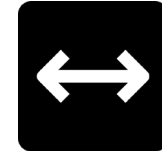
Meets or exceeds
minimum accessibility
requirements.

Trail Classification: Motorized Use

45

Type 1 Explorer Trail

Moderate
To Difficult



1*-3m typically
*< 1m for single
track trails

Responds to
surrounding
topography



Example

Somerville Forest Tract

Location

Open Space
Environmental
Protection Area (EPA)

Surface

Natural surface. May
include granular
surface.

Amenities

Low frequency

Maintenance

Low level of service and
moderate-high
frequency of
maintenance.

AODA

Maintaining natural
heritage values takes
precedence over
accessibility.

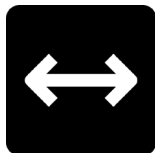
Trail Classification: Motorized Use

46

Type 2 On-road Connecting Link



Easy



Min 1.5m



Follow existing
road profile

Example

North of Road 8 (Except
provincial highways)

Location

Road Right-of-way

Surface

Hard Surface (asphalt)
or compact granular
surface.

Amenities

No frequency

Maintenance

Low - moderate level of
service, and low
frequency of
maintenance.

AODA

No commitment, road
takes precedence.

Staging Area Planning










47

- Important logistical element in the trails system
- Reflects user types, how they arrive and any special needs or requirements
e.g., turning for trailers, ramps for equipment, seating and gathering spaces
- Sets tone for user/visitor experience and provides supporting amenities
- Articulates key trailheads and communicates important trail information
- Accessibility (AODA) standards may apply

 **Staging area typology that matches level of service with trail classes**

Staging Area Types

48

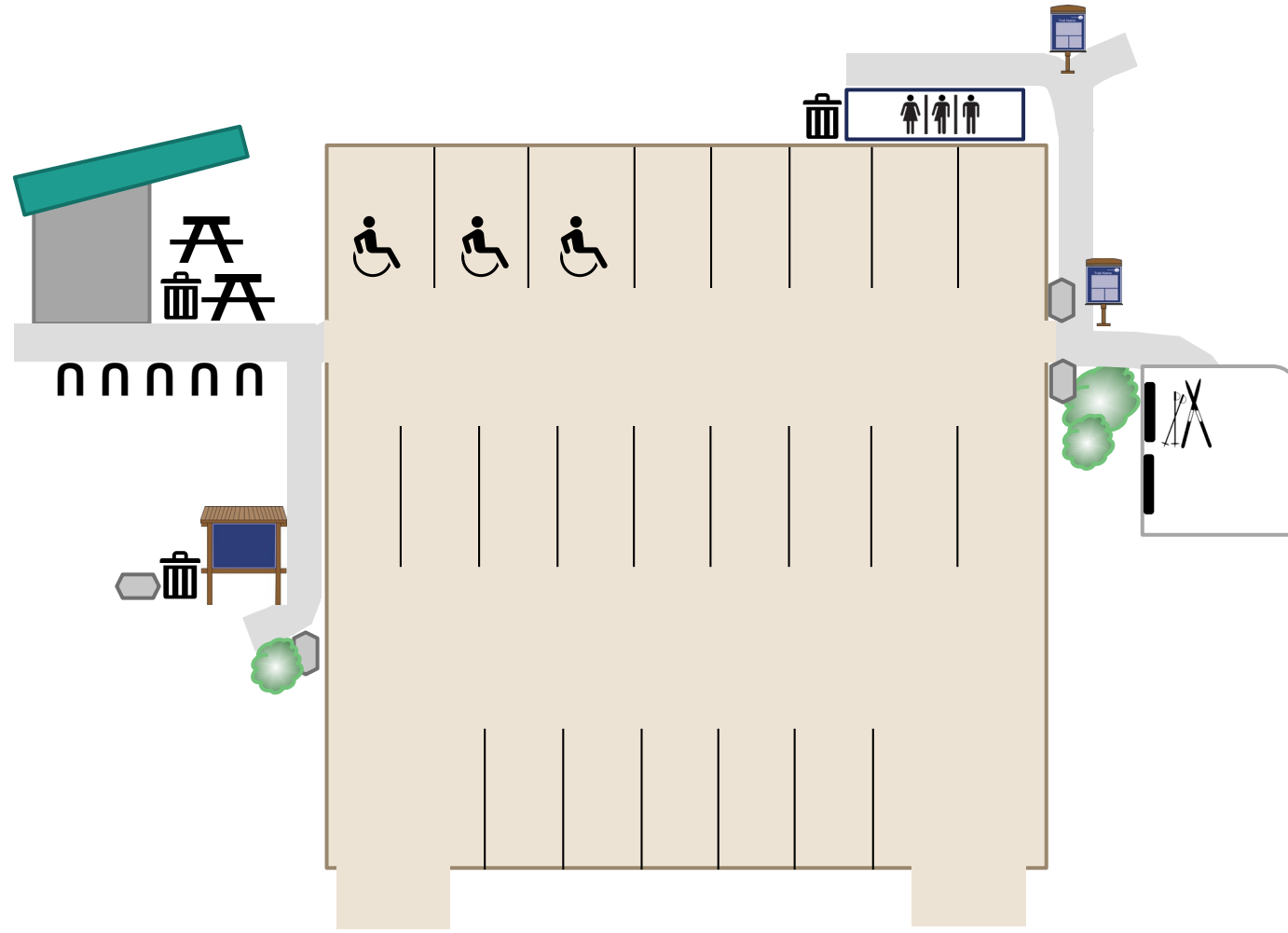
Trails Class	Staging Area Type	 Parking	  Varies	 Trailhead	 Toilets	 Signage	 Seating	 Bins	 Ramps
ACTIVE Type 1	Major Staging Area	✓	✓ Varies	✓	✓	✓	✓	✓	
	Minor Staging Area	Varies	Varies	✓	Varies	✓	Varies	✓	
SHARED Type 2	Major Staging Area	✓	✓	✓	✓	✓	✓	✓	Varies
	Minor Staging Area	✓	Varies	✓	Varies	✓	Varies	✓	
MOTORIZED Type 3	Major Staging Area	✓		✓	✓	✓	✓	✓	✓
	Minor Staging Area			✓		✓	Varies		Varies

Staging Area: a developed site that provides convenient access to attractions such as trails, fishing spots, swimming areas etc. Typically contains parking spots, toilets, waste bins, seating, informational kiosks & directional signs. May include specialized features such as loading areas, ramps, bike repair stations, equestrian hitches, ski racks, water facilities, warming stations, and so on. Sets visitor/user comfort & experience.

Trailhead: a developed site that provides access to one or more trails, normally smaller than staging areas with a few parking spots. Typically contains identification for a trail system with directional signage and waste bins. May include basic toilets. Specialized features are not common.

Active Major Staging Area: Designed for High Use

49



May contain:

- Parking including wheelchair accessible parking
- Toilets (or Port-o-Potties)
- Bike parking, bike repair station, ski rack & equestrian hitches where needed
- Major trailhead signage with map
- Seating and picnic tables
- Wildlife-proof waste receptables
- Regulation, rule, hazard, partnership/sponsorship signage
- Barriers/bollards/armour stone to control access
- Universal design standards to be considered
- Emergency vehicle circulation to be considered

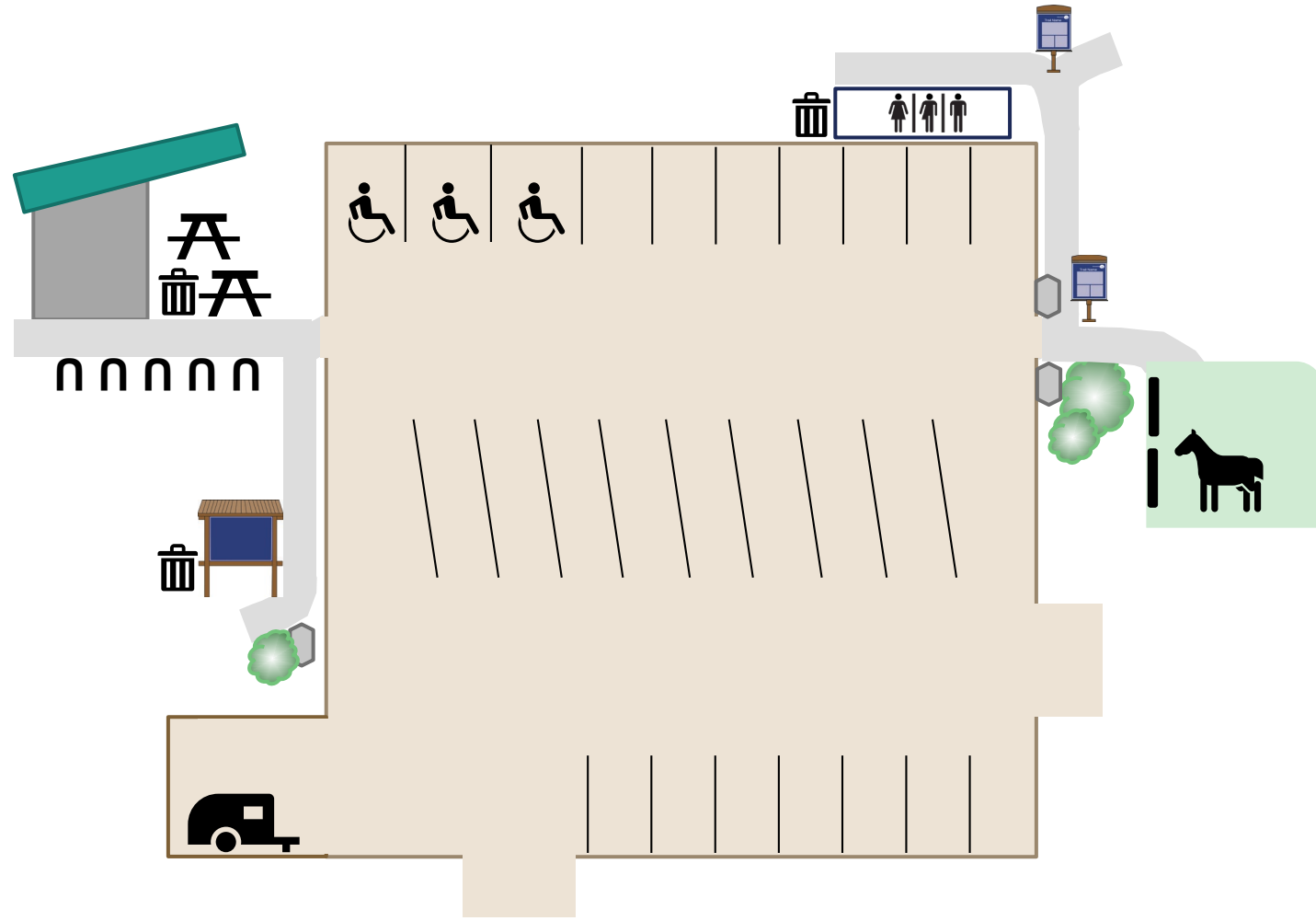


Photos: Neluka Leanage



Shared Major Staging Area: Designed for High Use

50

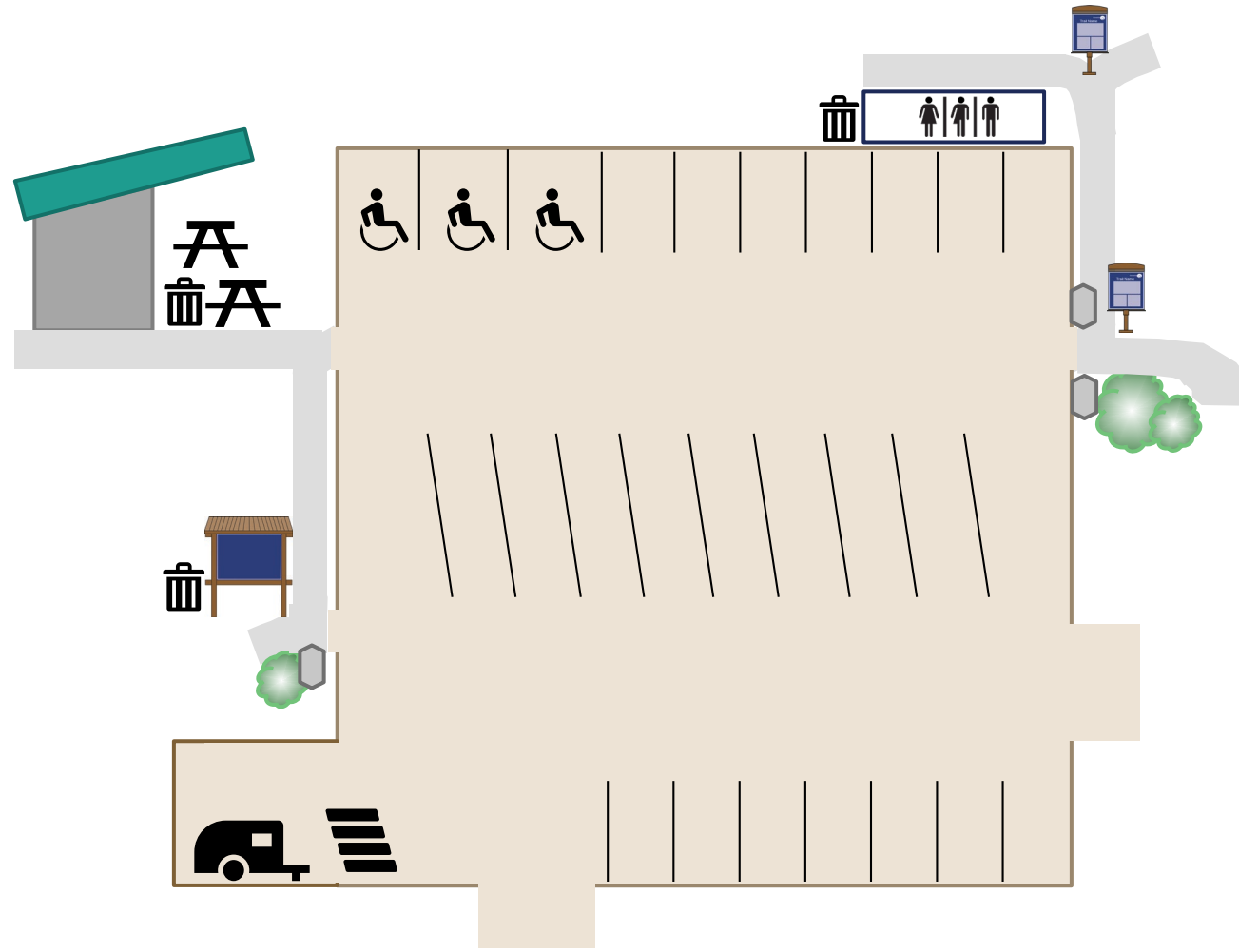


May contain:

- Parking, accessible parking, pull-through parking with loading/ramp area
- Toilets (or Port-o-Potties)
- Bike parking, bike repair station & equestrian hitches where needed
- Major trailhead signage with map
- Seating and picnic tables
- Wildlife-proof waste receptacles
- Regulation, rule, hazard, partnership/ sponsorship signage
- Barriers/bollards/armour stone to control access
- Universal design standards to be considered
- Emergency vehicle circulation to be considered

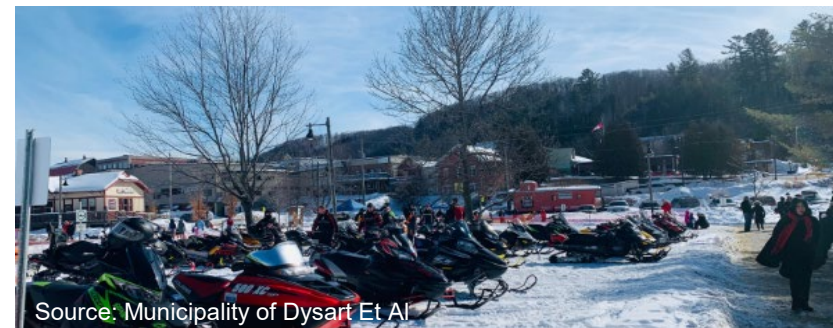
Motorized Major Staging Area: Designed for High Use

51



May contain:

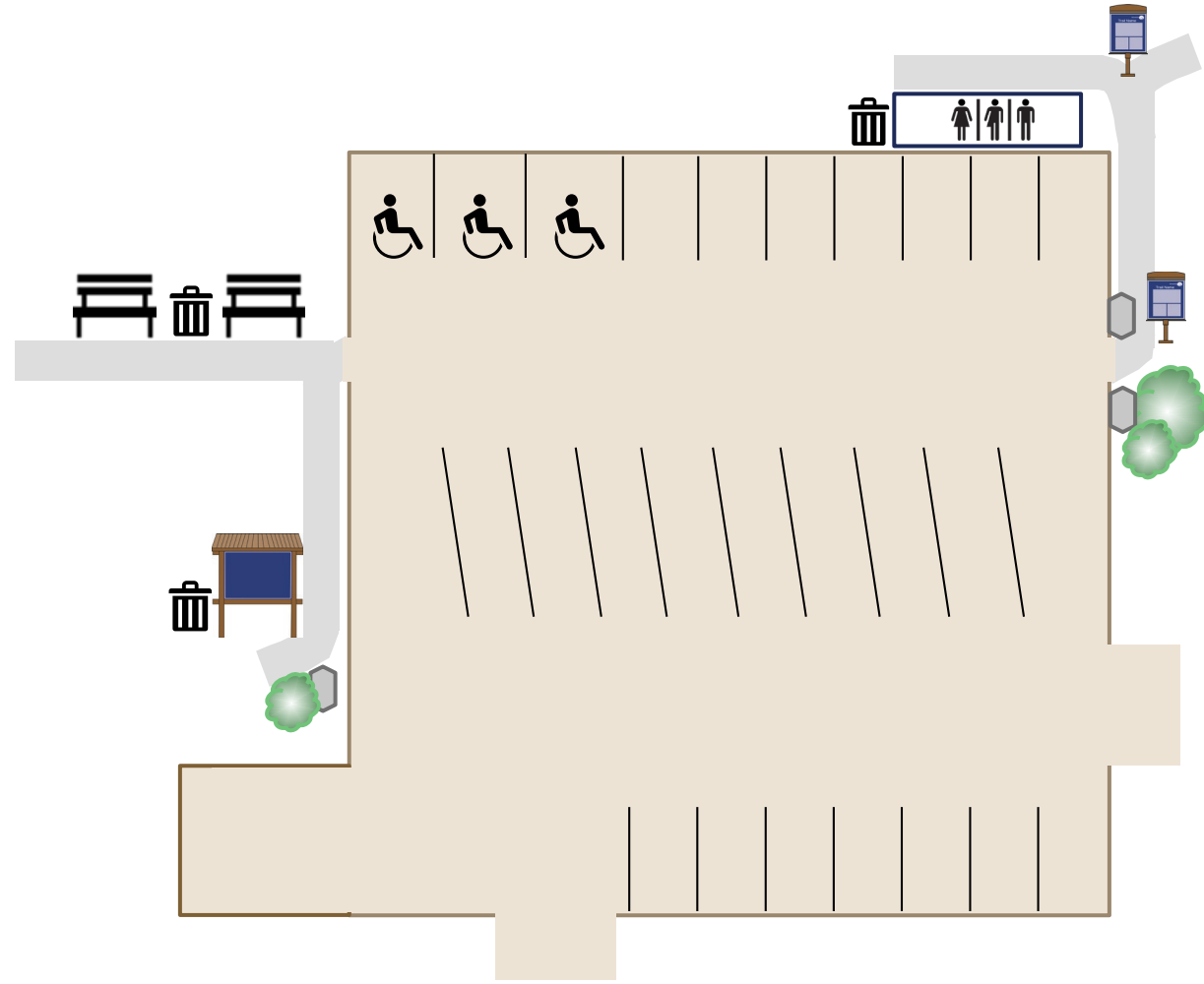
- Parking, accessible parking, pull-through parking with loading/ramp area
- Toilets (or Port-o-Potties)
- Major trailhead signage with map
- Seating and picnic tables
- Wildlife-proof waste receptacles
- Regulation, rule, hazard, partnership/ sponsorship signage
- Barriers/bollards/armour stone to control access
- Universal design standards to be considered
- Emergency vehicle circulation to be considered



Source: Municipality of Dysart Et Al

Minor Staging Areas: Designed for Medium to Low Use

52



May contain:

- Parking, accessible parking, pull-through parking
- Toilets (or Port-o-Potties)
- Trailhead signage with map
- Seating
- Wildlife-proof waste receptables
- Regulation, rule, hazard, partnership/ sponsorship signage
- Barriers/bollards/armour stone to control access
- Universal design standards to be considered
- Emergency vehicle circulation to be considered

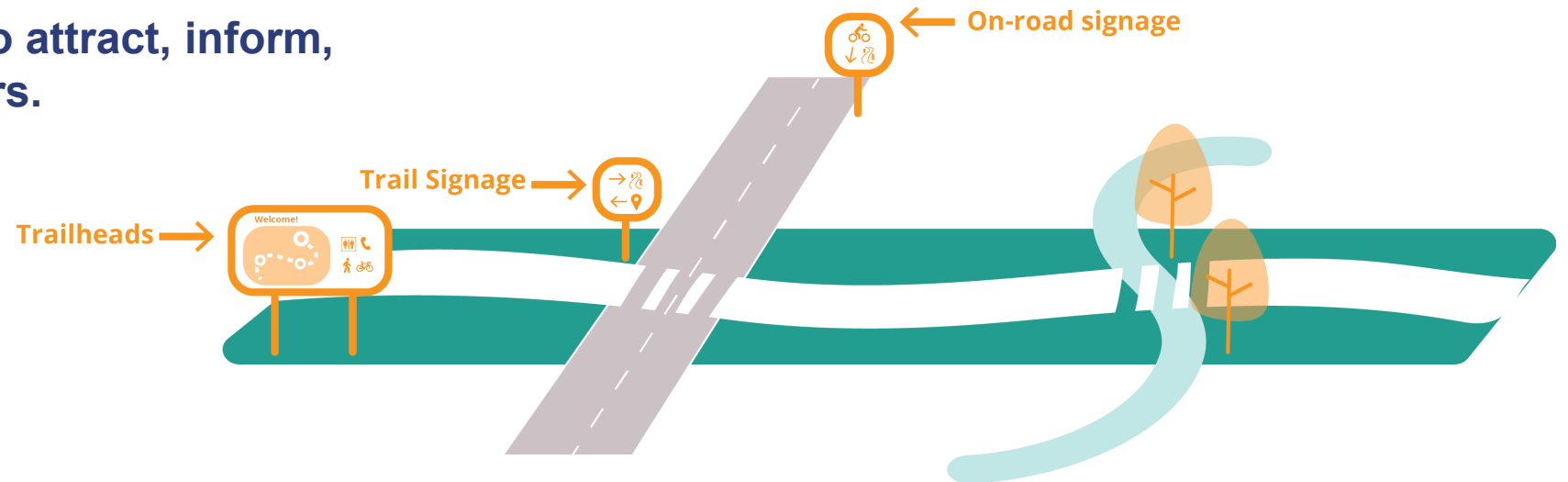
Signage Strategy: **Branded Classification and Wayfinding**

53

- Articulates user/visitor experience, managing expectations and needed skills
- Critical for safety and accessibility (AODA standards may apply)
- Creates an integrated wayfinding system: on-road facilities, trails, parks and tourism for motorized and non-motorized users
- Transportation Association of Canada (TAC) and Ontario Traffic Council (OTC) standards **apply on-road**
- Can bring coherence and consistency to Parks & Recreation and Tourism signage

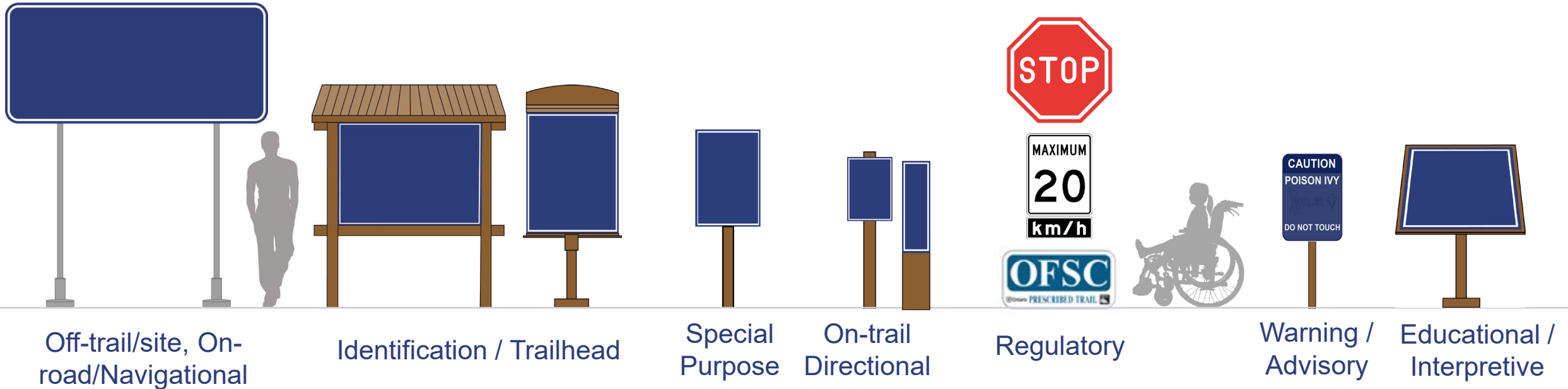


Family of branded signs to attract, inform, navigate and manage users.



Signage Strategy: **Branded Classification and Wayfinding**

54



Off-trail/site, On-road/Navigational Signs

55

Purpose:

- Help users/visitors navigate to trails
- Facilitate awareness and access to trails

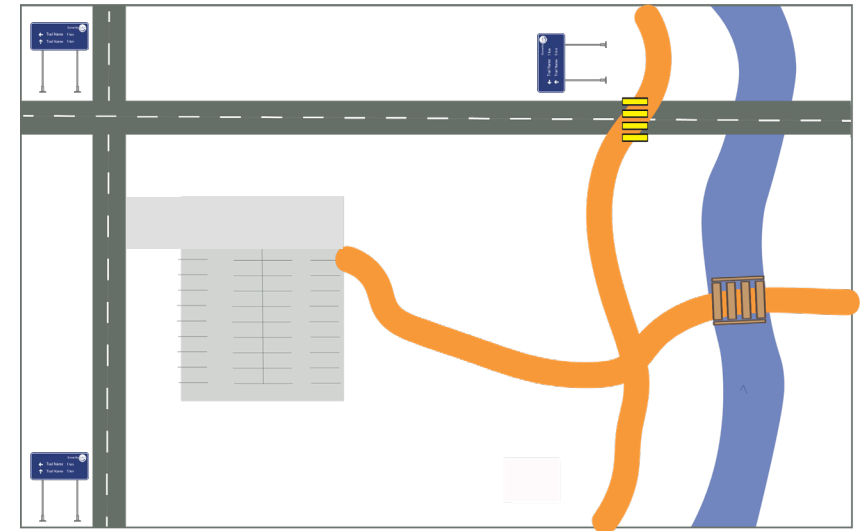
Location:

Throughout the municipality to facilitate awareness and access to trails. Not typically located on trails currently. Signs are integral to wayfinding.



May contain:

- Trail branding with logo
- Trail or trail network name
- Directional arrows
- Distance and time to trail



Identification/Trailhead Signs – Primary

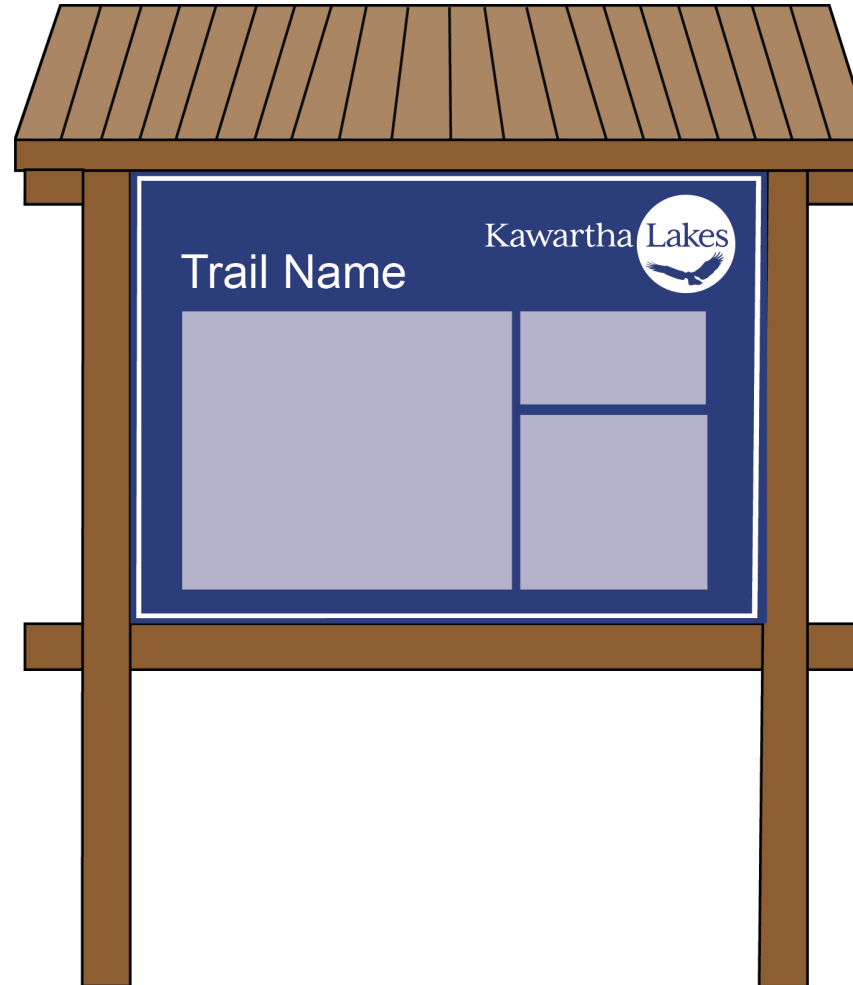
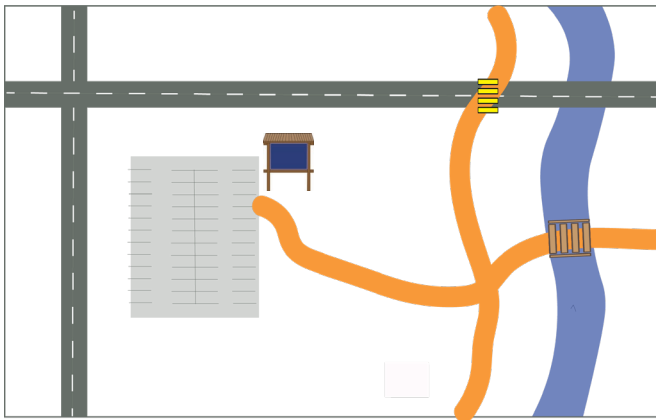
56

Purpose:

- Help users identify and confirm they have arrived at and are on a Kawartha Lakes trail
- Communicate the expectations and experiences

Location:

Major trailheads, staging areas and key community/forest entry points



May contain:

- Trail branding with logo
- Trail or trail network name
- A map of the trail system indicating accessibility and assigned level of difficulties
- Focused trail route maps
- Pocket maps or pamphlets in a clear, waterproof container
- Orientation information indicating the user/visitor's current location
- Rules, and regulations of the trail
- Permitted and restricted uses
- Amenity information
- Key points of interest
- Warnings and potential hazards
- Kawartha Parks and Recreation contact information and hours of operation
- Any sponsorship or partnership information and logos
- Any trail-related event information

Identification/Trailhead Signs – Minor

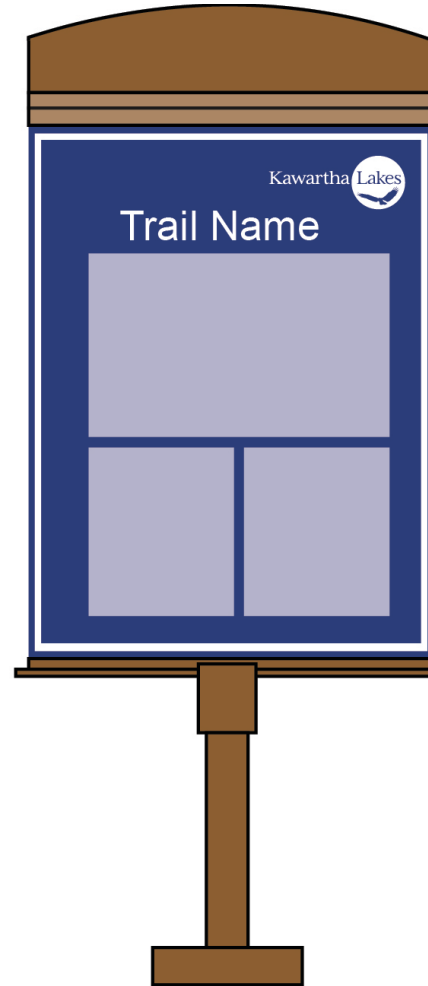
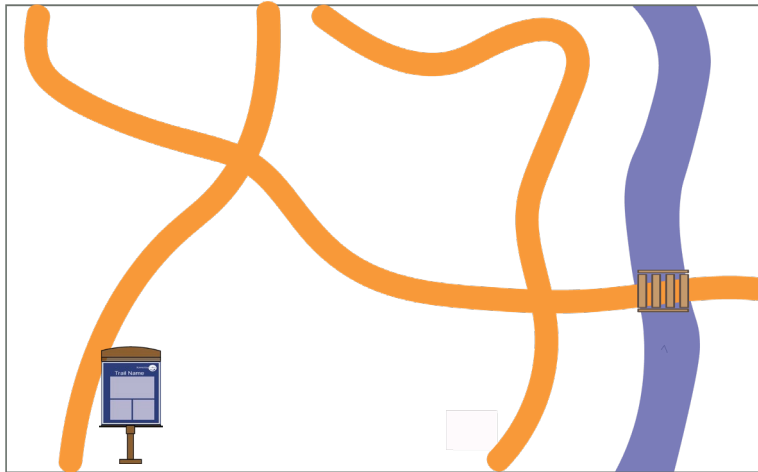
57

Purpose:

- Help users identify and confirm they have arrived at and are on a Kawartha Lakes trail
- Communicate the expectations and experiences

Location:

Minor trailheads, smaller, less utilized staging areas and access points



May contain:

- Trail branding with logo
- Trail or trail network name
- A map of the trail within the trail system indicating accessibility and assigned level of difficulties
- Orientation information indicating the user/visitor's current location
- Rules, and regulations
- Permitted and restricted uses
- Amenity information
- Points of interest
- Distances and typical durations for pedestrians and cyclists
- Warnings and potential hazards

Special Purpose Signs

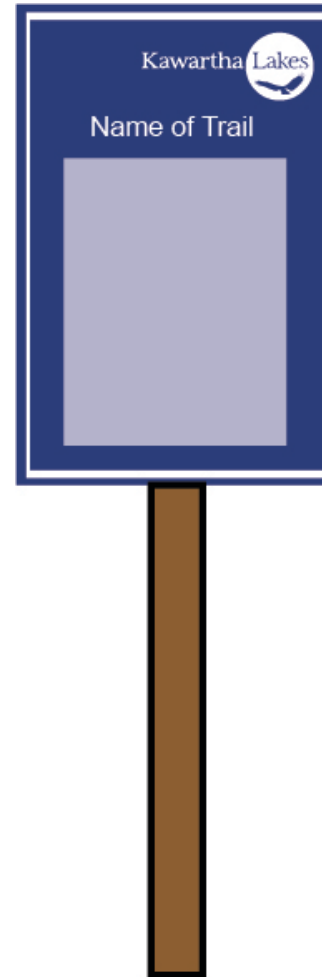
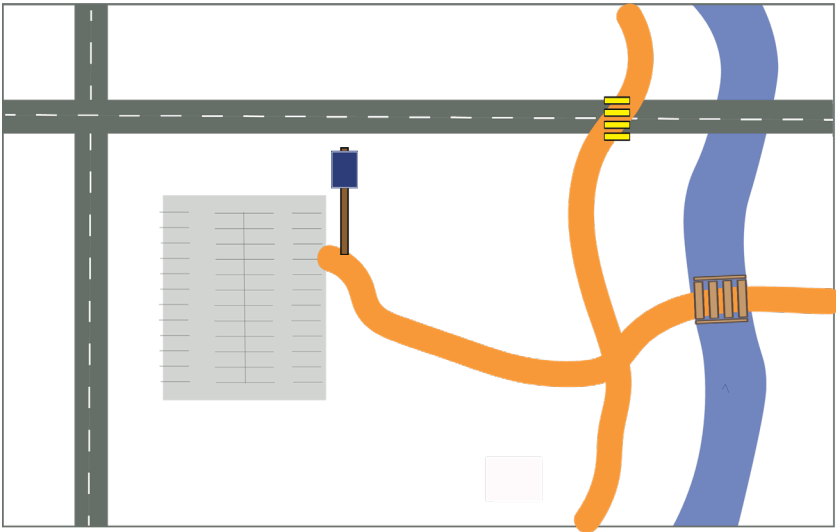
58

Purpose:

Meet specific operational needs

Location:

Where needed at trailheads and along a trail



May contain:

- Trail branding with logo
- Trail or trail network name
- Destination signs
- Entry fees
- Partnership recognition

On-trail Directional Signs

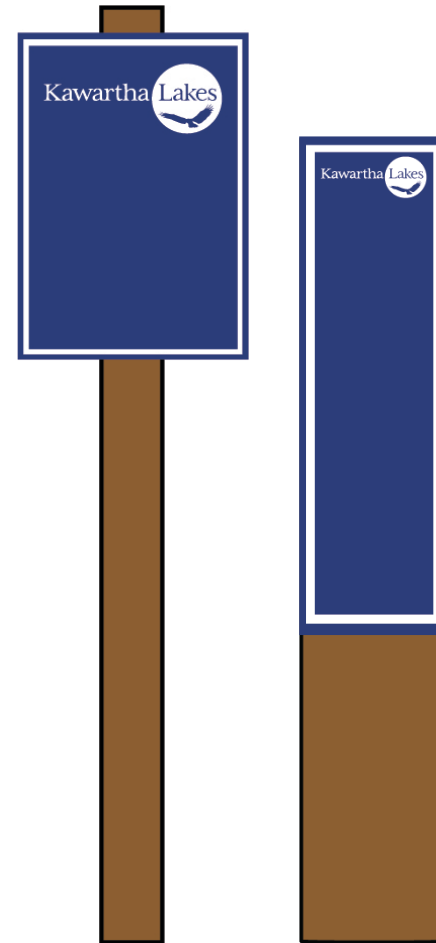
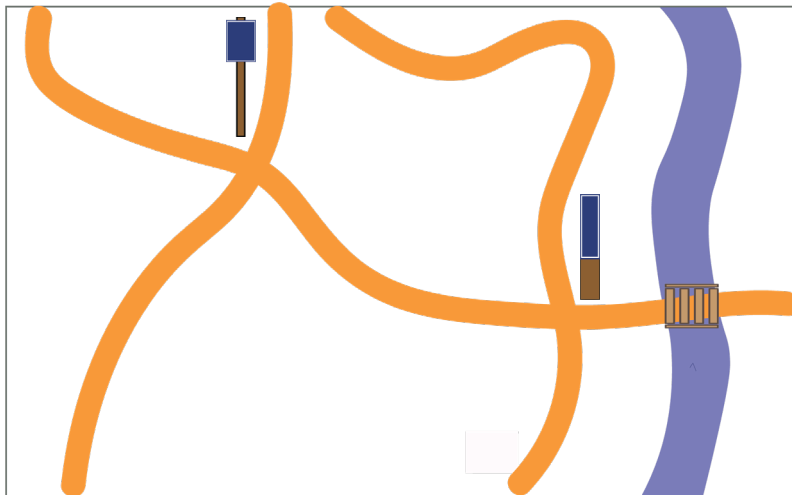
59

Purpose:

- Provide essential navigational information to the visitor/user
- Direct users to nearby trails and loops, amenities, and points of interest

Location:

At trail junctions and access points along a trail and within network/forest tract



May contain:

- Trail branding with logo
- Trail name
- Map of the trail within the trail network (and any specific colours/symbology associated with the network, trailhead, and pamphlets)
- Orientation information indicating the user/visitor's current location
- Directional arrows
- Distances and typical durations for pedestrians and cyclists
- Points of interest
- Warnings and potential hazards

Regulatory Signs

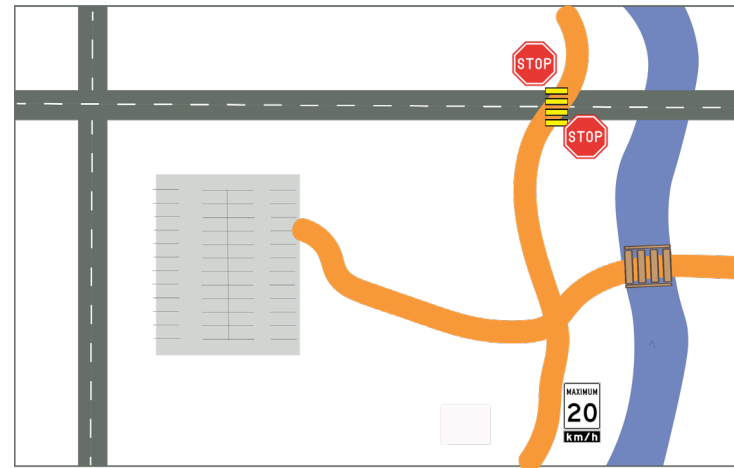
60

Purpose:

- Safety
- Permission or Prohibition
- Mandatory signs, used to convey an obligatory action
- Protective signs for health and environment,
- Parking control
- Boundary markers

Location:

In clear view, without obstructions and at specific locations to establish and reinforce expectations of all users including on-road motorists, especially in spots with known concerns



Warning/Advisory Signs

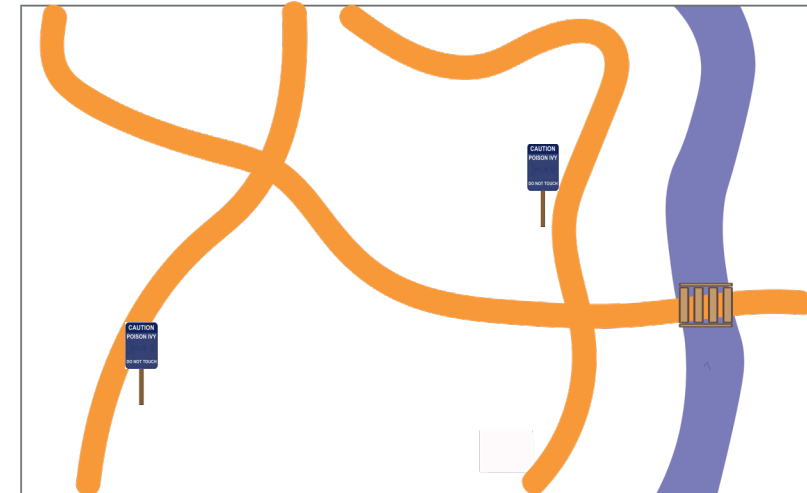
61

Purpose:

Communicate essential safety information to the user/visitor

Location:

Trailheads and trails, where needed



Educational and Interpretive Signs

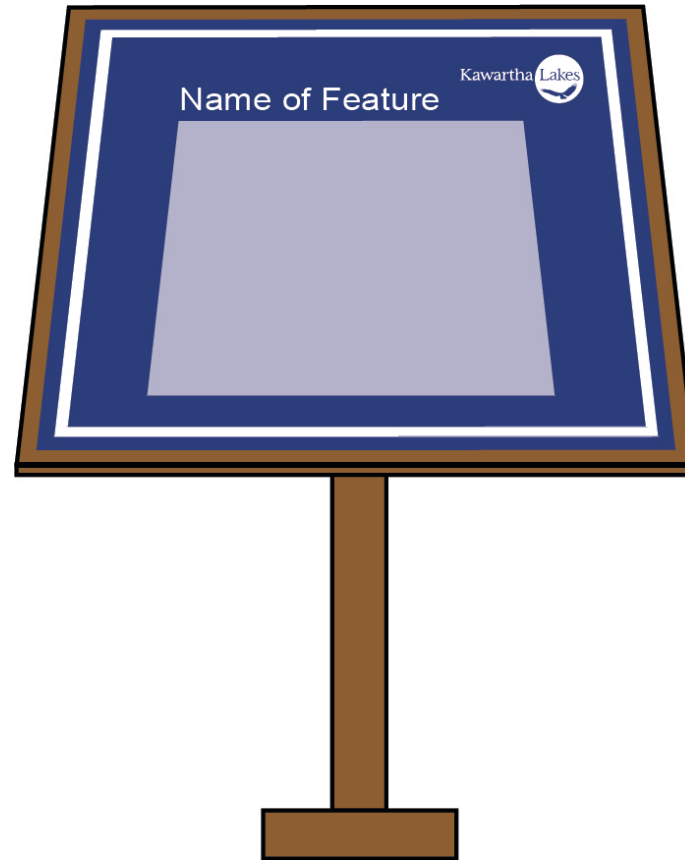
62

Purpose:

- Educational signs may provide ecological, Indigenous and natural heritage information, and may be part of an educationally-themed trail.
- Educational signage may also include reasons for trail traffic calming measures e.g., gates and chicanes.

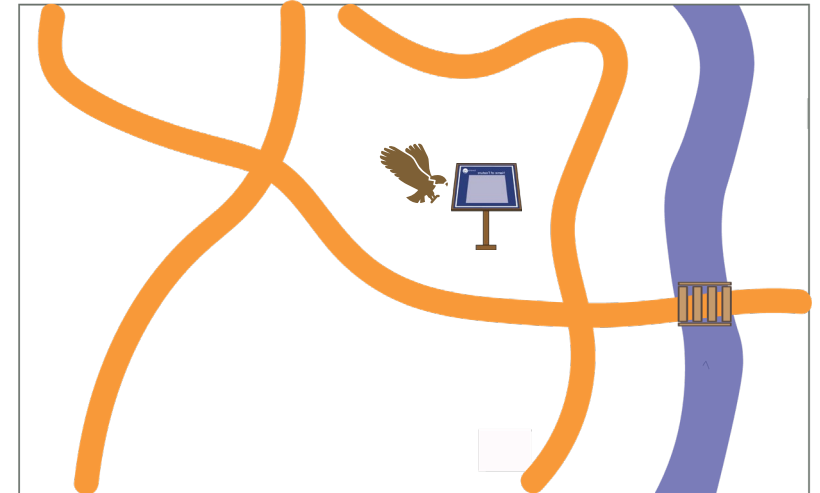
Location:

At a point of interest or special environmental feature and viewing or rest/stop areas



May contain:

- Trail branding with logo
- Feature name
- Identify, explain and pose questions, and be oriented for a variety of users across a range of ages and abilities





Proposed Tactics and Projects Across the Focus Areas and Network

In This Part of the Presentation Please Consider...

64

Are your interests and concerns sufficiently addressed by the proposed improvements in the focus areas? Where and where not?

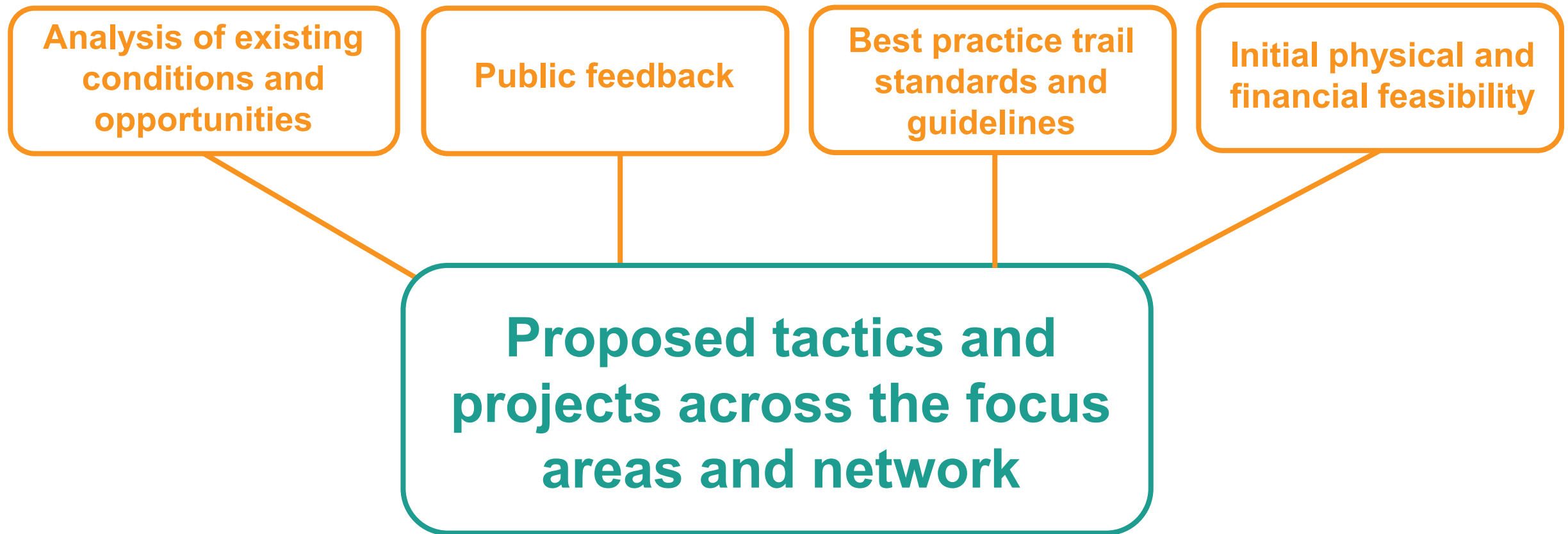
Is the right approach being taken for each focus area? What else would you wish to see? E.g., more partnerships, more maintenance, a different tactic altogether?

Any specific questions about East Cameron Lake and Bethany crossings?

Which proposed improvements are highest, moderate and lowest priority?
Could you rank them into short, medium and long-term priorities?

Selection of Proposed Improvements

65



Initial Physical and Financial Feasibility

66

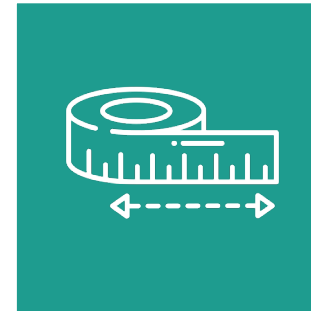
How do we review and determine the most physically and financially feasible options?



Trail Type



Environmental Impacts



Distance



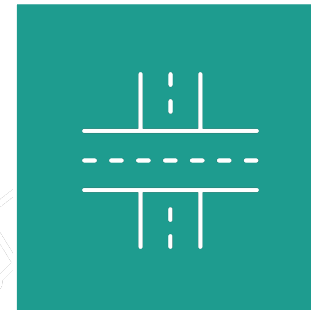
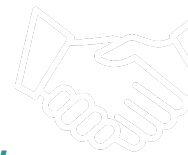
Topographic Impacts



Barrier Crossing



**Parcel Ownership /
Partnerships**



Road Crossing



Cost

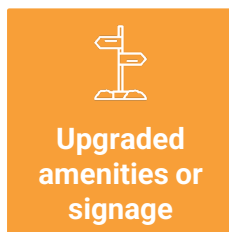
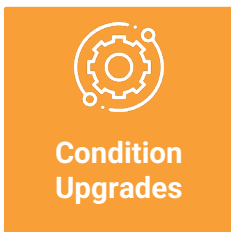
Focus Area #1: Somerville Forest Tract

67

Location: North



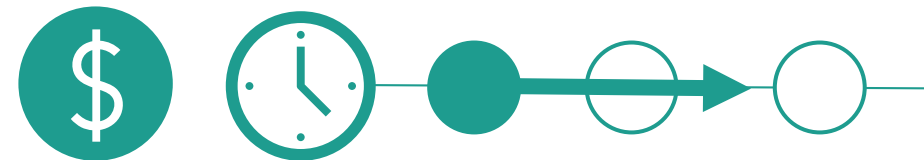
Key Tactics



Proposed projects

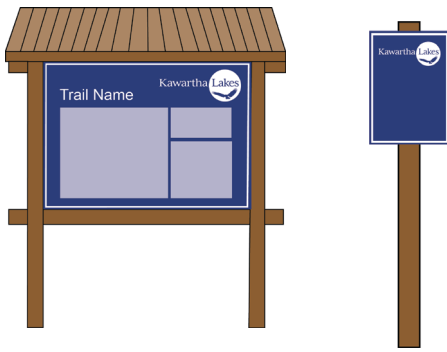
- ✓ Maintenance improvements through trail classification of 'Explorer Trails', 'Shared-use Corridor' and 'Natural/Niche Trails', as appropriate
- ✓ Condition improvements through design recommendations of 'Explorer Trails', 'Shared-use Corridor' and 'Natural/Niche Trails', as appropriate
- ✓ Upgraded signage and wayfinding through signage strategy
- ✓ Staging areas

Approximate cost and phasing





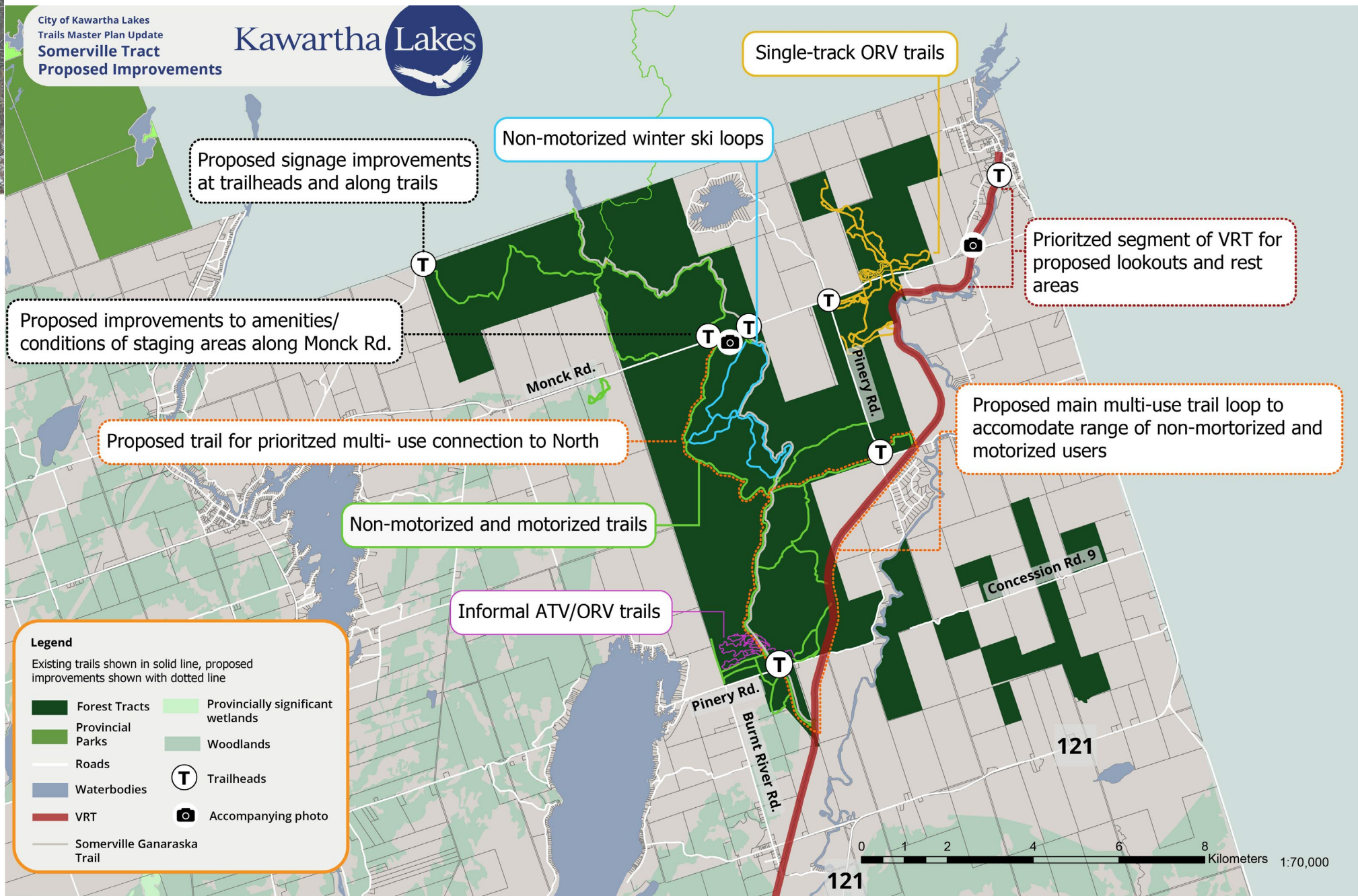
Existing gate entrance into trails



Proposed trailhead signage, and new signage for along trails

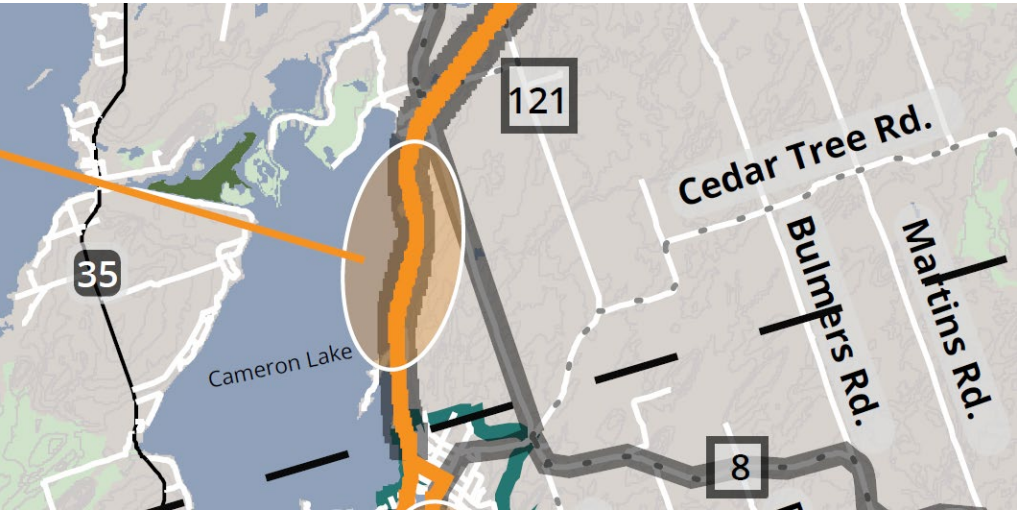


VRT in Kinmount proposed for new amenities (benches, lookouts)



Focus Area #2: VRT along East Cameron Lake

Location: North



Key Tactics



Proposed projects

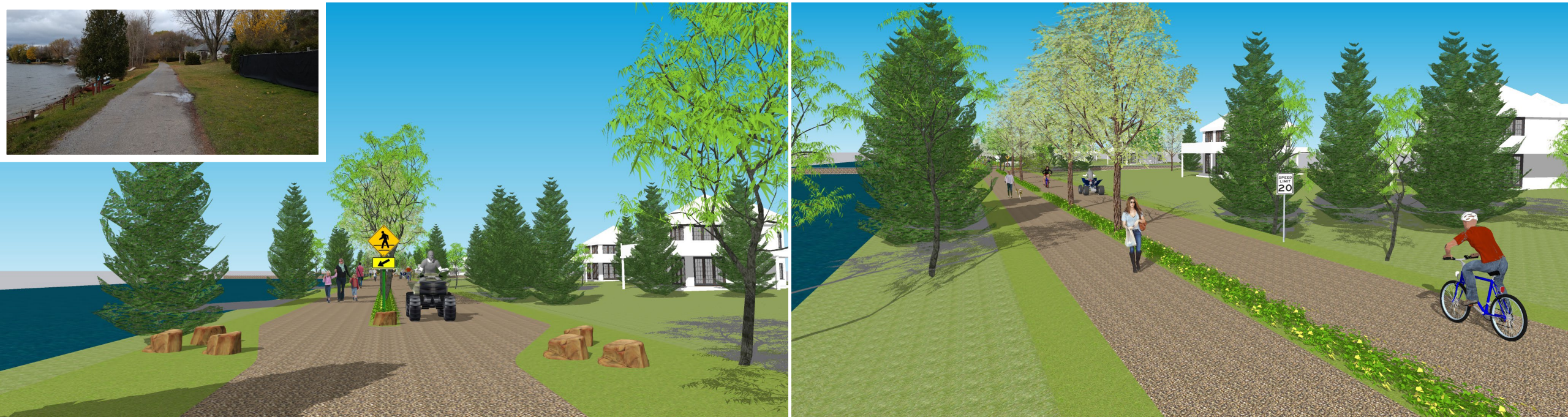
- ✓ **Option 1:** Piloting user management through separating motorized and non-motorized users in Type 2: Dedicated Use trail classification
- ✓ **Option 2:** Piloting user management through traffic calming in a shared use corridor
- ✓ **Option 3:** Connecting new trail link through unopened road allowance that would provide an alternate motorized use

Approximate cost and phasing



Focus Area #2 Option 1: **Separate Trail Classification**

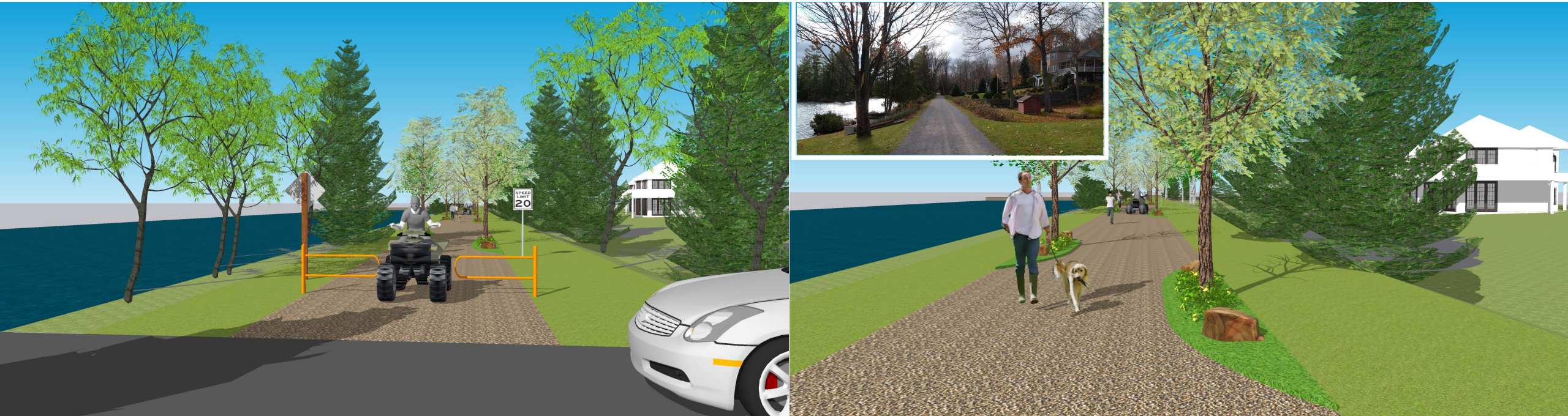
70



Trail Classification Type 2: Dedicated Use Corridors

Focus Area #2 Option 2: Shared Trail Classification and Traffic Calming

71

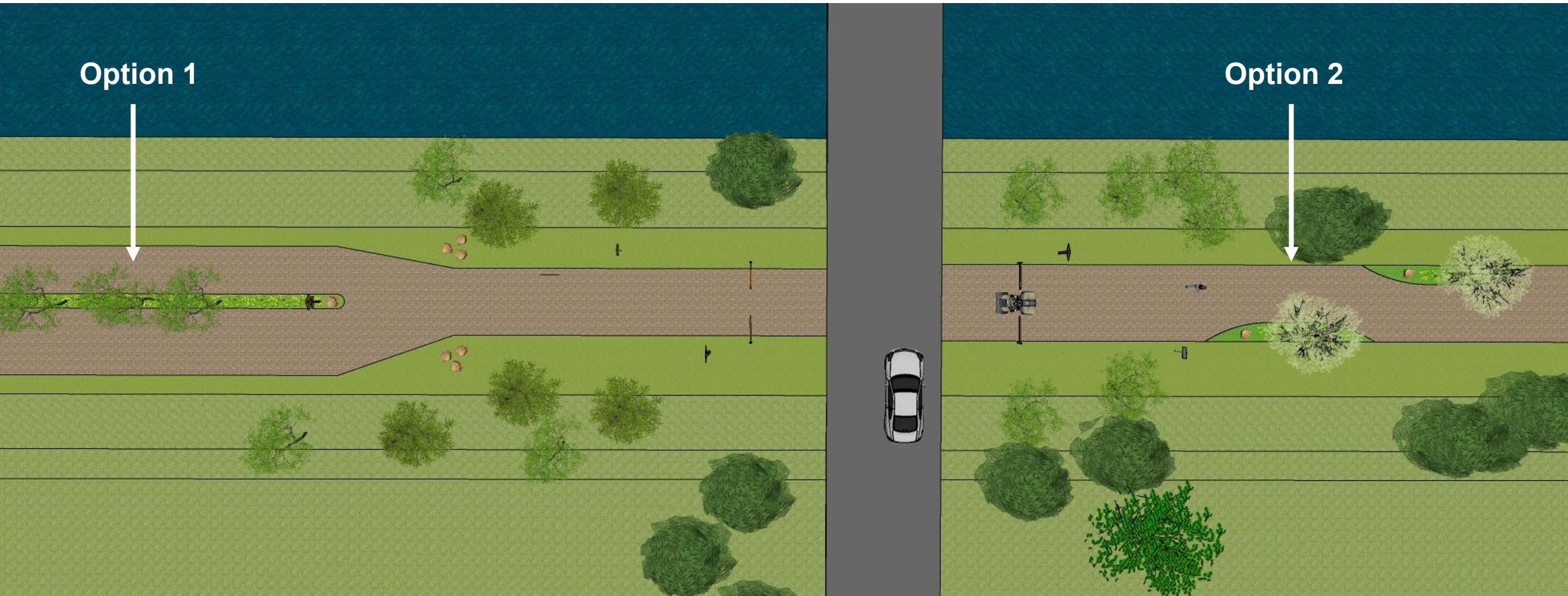


Trail Classification Type 2: Fully shared corridor + trail traffic calming measures

Peter will run as
a walk-through

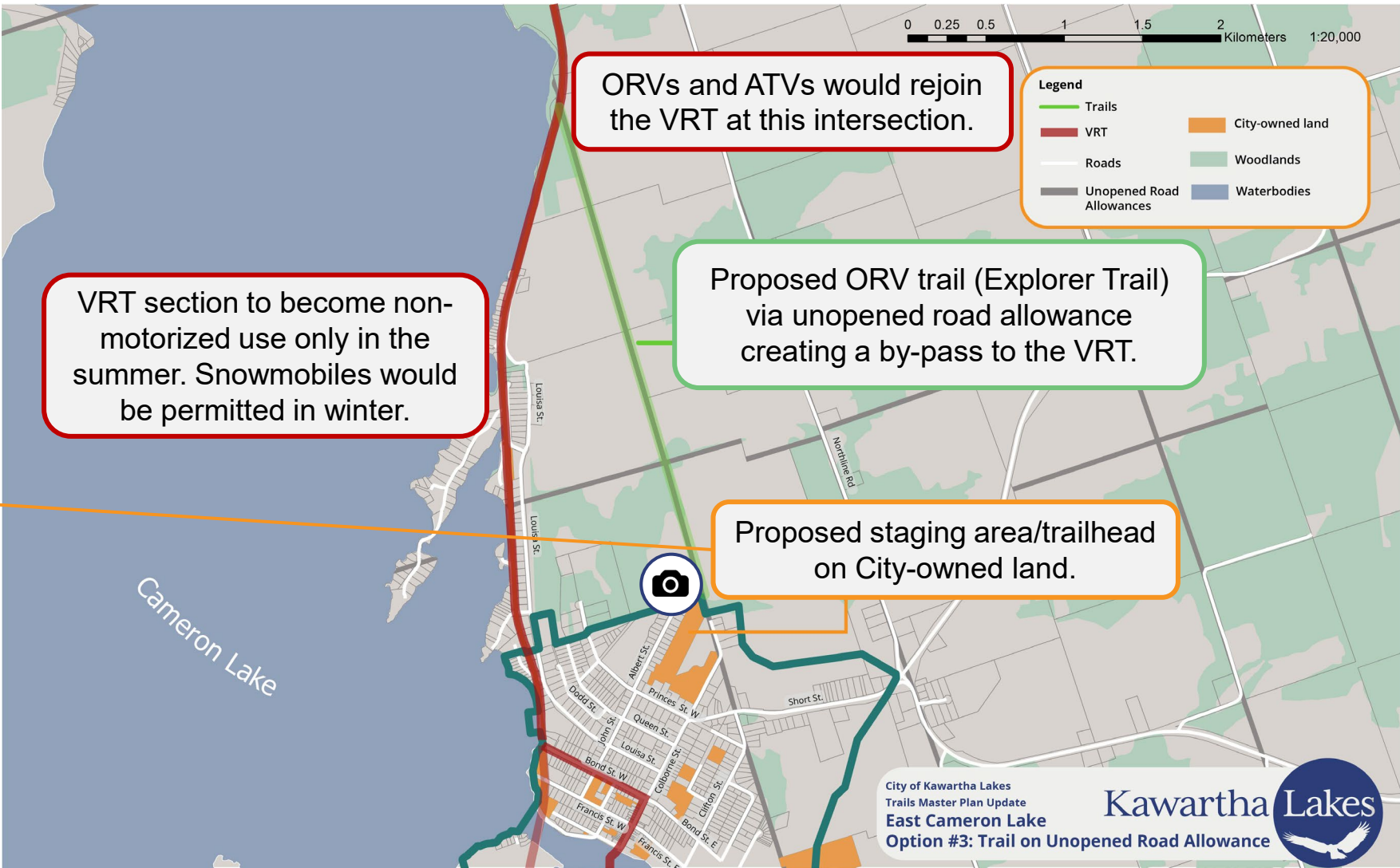
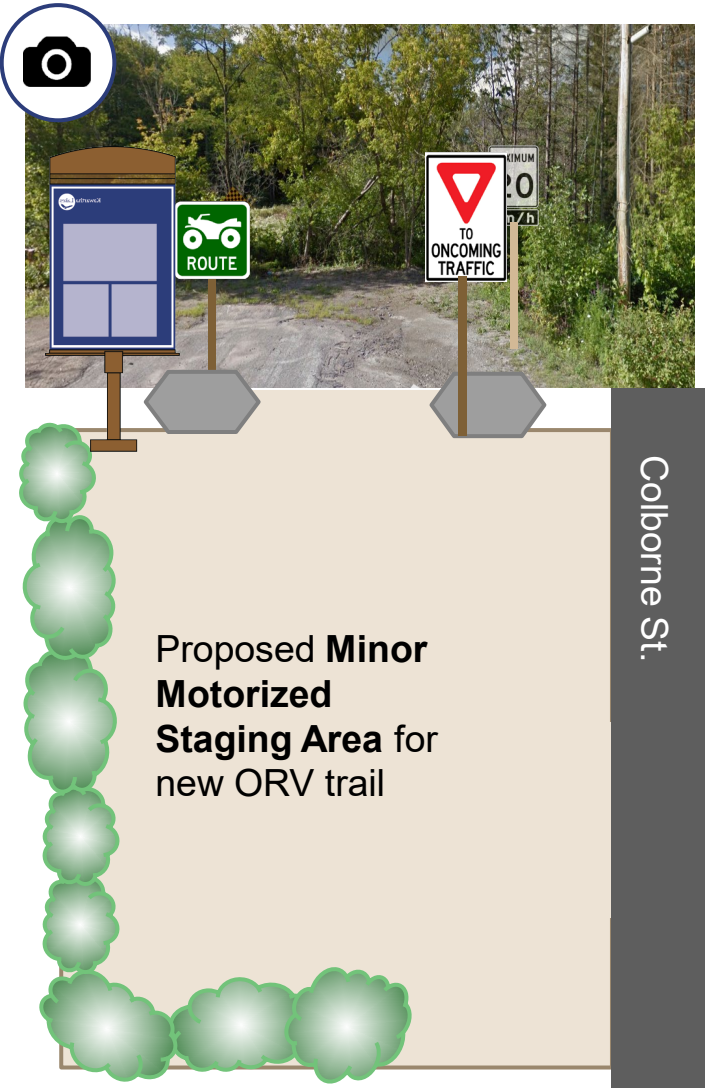
Focus Area #2: Comparing Options #1 and #2

72



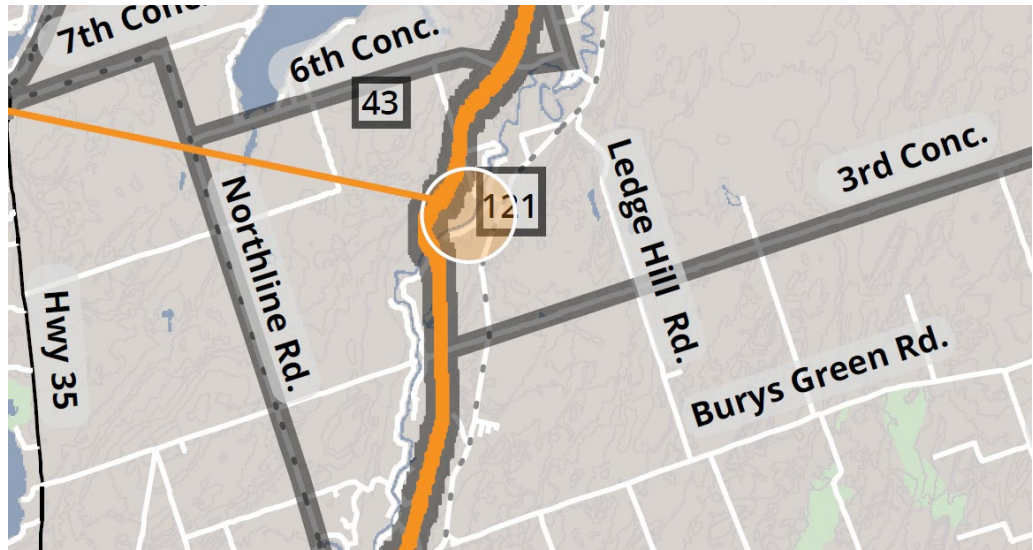
Focus Area Option #3: New Trail in Unopened Road Allowance

73



Focus Area #3: Superior Road Trailhead

Location: North



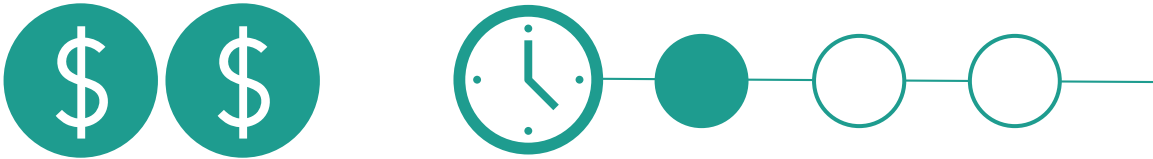
Key Tactics



Proposed projects

- ☒ Renovated/expanded staging area located at Superior Road with available city-owned land
- ☒ New signage and wayfinding to the staging area per the signage strategy

Approximate cost and phasing



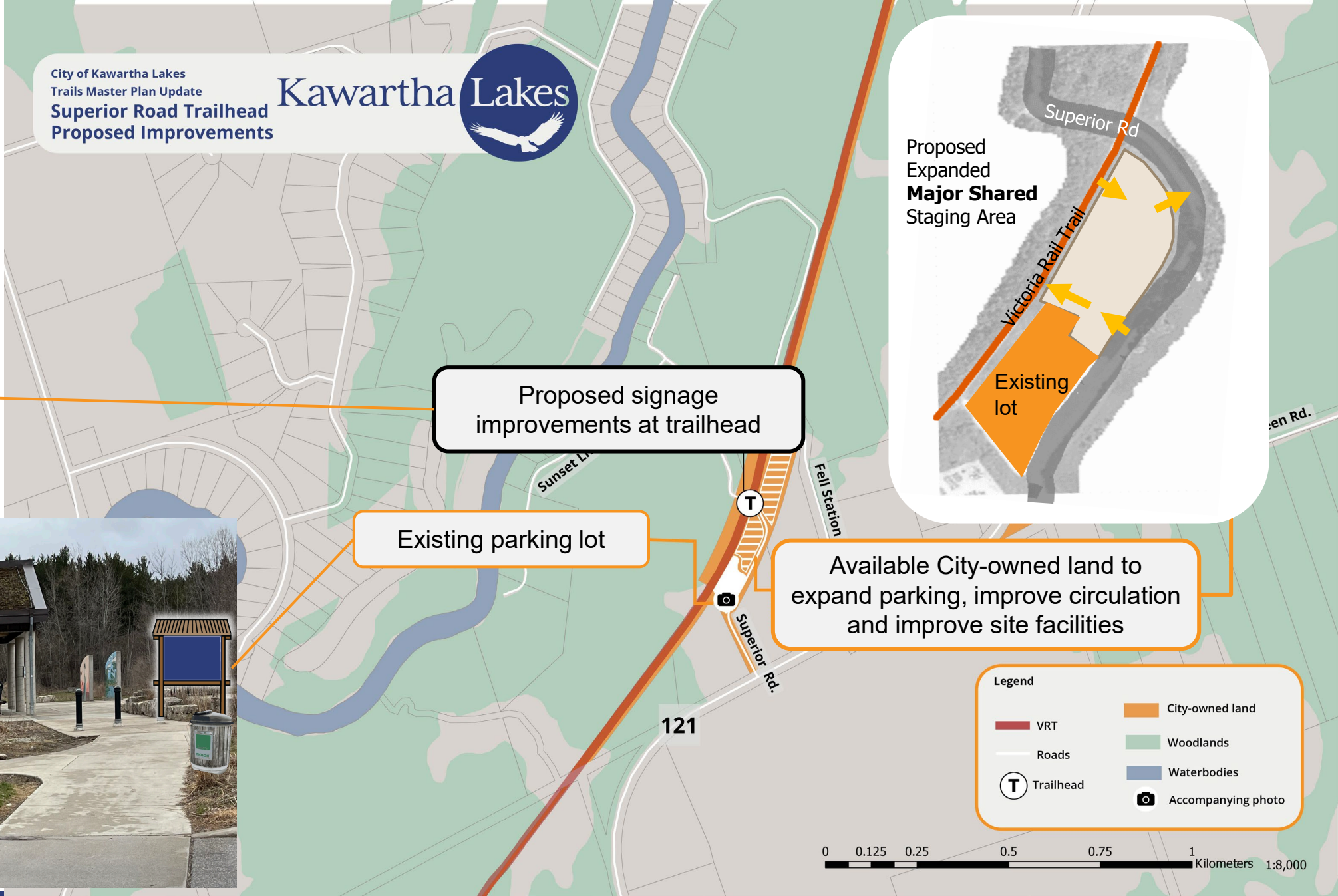


Existing staging area & trailhead



Proposed **Expanded Major Shared Staging Area** and Trailhead

City of Kawartha Lakes
Trails Master Plan Update
**Superior Road Trailhead
Proposed Improvements**



Proposed Expanded **Major Shared** Staging Area

Superior Rd

Victoria Rail Trail

Existing lot

Proposed signage improvements at trailhead

Existing parking lot

Available City-owned land to expand parking, improve circulation and improve site facilities

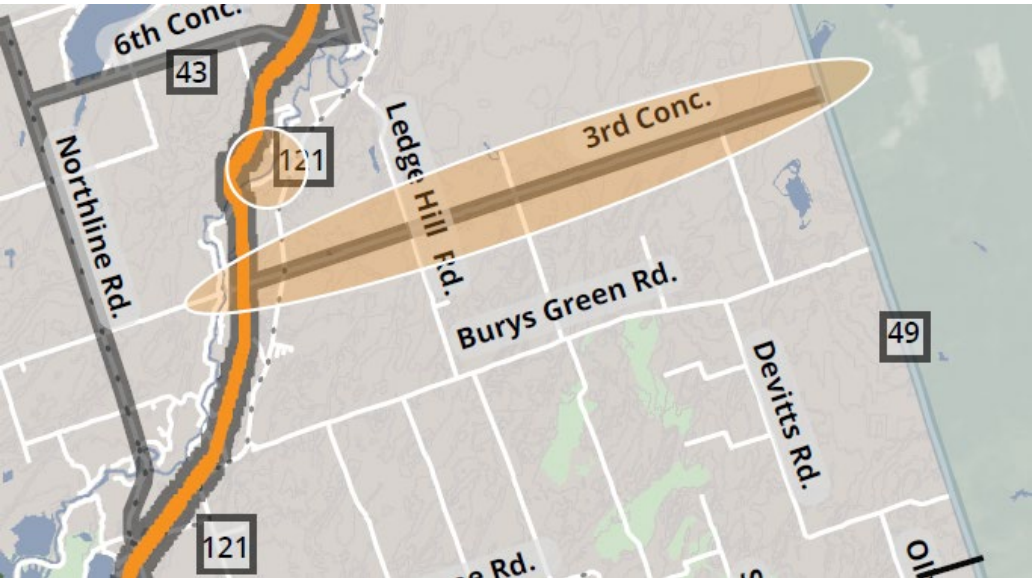
Legend

- VRT
- Roads
- Trailhead
- City-owned land
- Woodlands
- Waterbodies
- Accompanying photo


0 0.125 0.25 0.5 0.75 1 Kilometers 1:8,000

Focus Area #4: Cross Connection-3rd Concession of Somerville


Location: North



Key Tactics



Condition Upgrades



Upgraded Amenities or Signage

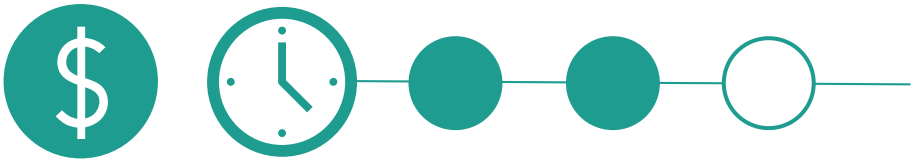


Partnerships for Improvements

Proposed projects

- ☒ Condition improvements based on trail classification of "ORV Type 1 Explorer Trail"
- ☒ New signage and wayfinding per the signage strategy
- ☒ Supportive partnership policy to foster maintenance relationships between the City of Kawartha Lakes and ATV/Snowmobile clubs

Approximate cost and phasing



Signage Plan



On-road signage
located on adjacent roads showing connections to 3rd Concession trail and Five Points Trail



Regulatory signage
located at the entrance of the trail.



Focus Area #5: VRT through Fenelon Falls

Location: Central



Key Tactics



Condition Upgrades

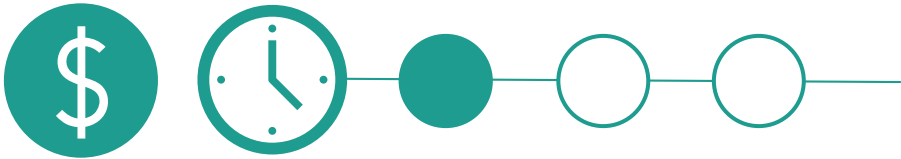


Upgraded Amenities or Signage

Proposed projects

- ☒ Condition improvements based on a trail classification of VRT North (Fully Shared Corridor)
- ☒ New signage and wayfinding to the staging area per the signage strategy

Approximate cost and phasing





On-trail and on-road directional signage placed at the intersections of the off-road VRT and along the on-road route.



Regulatory signage located along the trail to manage user interaction.



Legend

Destinations

- Schools
- Hospitals
- Sport fields
- Arenas
- Community centres
- Libraries/Museums
- Religious institutions
- Beaches
- Boat Launches
- Cemetaries
- Victoria Rail Trailheads
- Parks

Existing Trail Routes

- Victoria Rail Trail
- Victoria Rail Trail- Winter Route
- Pathways
- In-park pathways
- On road connecting links ¹
- ATV permitted routes ²

Roads

- Local Roads

Context

- Urban Settlement Boundary
- Waterways

Notes:

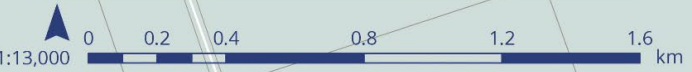
1. Within the downtown of Fenelon Falls the on-road connecting link serves as the VRT summer route. Other on-road links are not formally considered a trail type but provide connectivity between exiting trails which could be enhanced by signage and wayfinding or through the ATMP process.

2. Per By-law 2007-107

Sources:

City provided GIS layers: Trails, parcels, urban settlement boundary, cycling routes, waterways, roads, destinations

In-park paths drawn in GIS from aerial imagery



Focus Area #6: Lindsay North ATV By-Pass

80

Location: Central



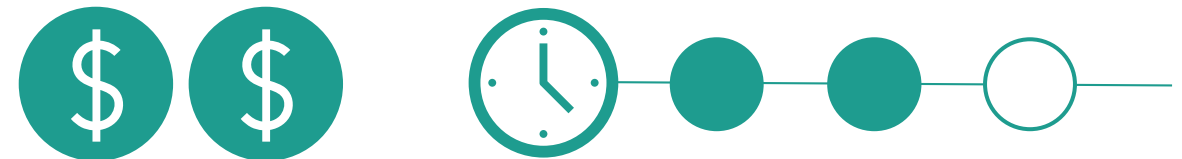
Key Tactics



Proposed projects

- ✓ User management through Active Use classification of the VRT from Thunder Bridge Road to Ken Reid Conservation Area
- ✓ New staging area at Thunder Bridge Road
- ✓ Partnership with the ORV Task Force to extend an on-road motorized route north of Lindsay

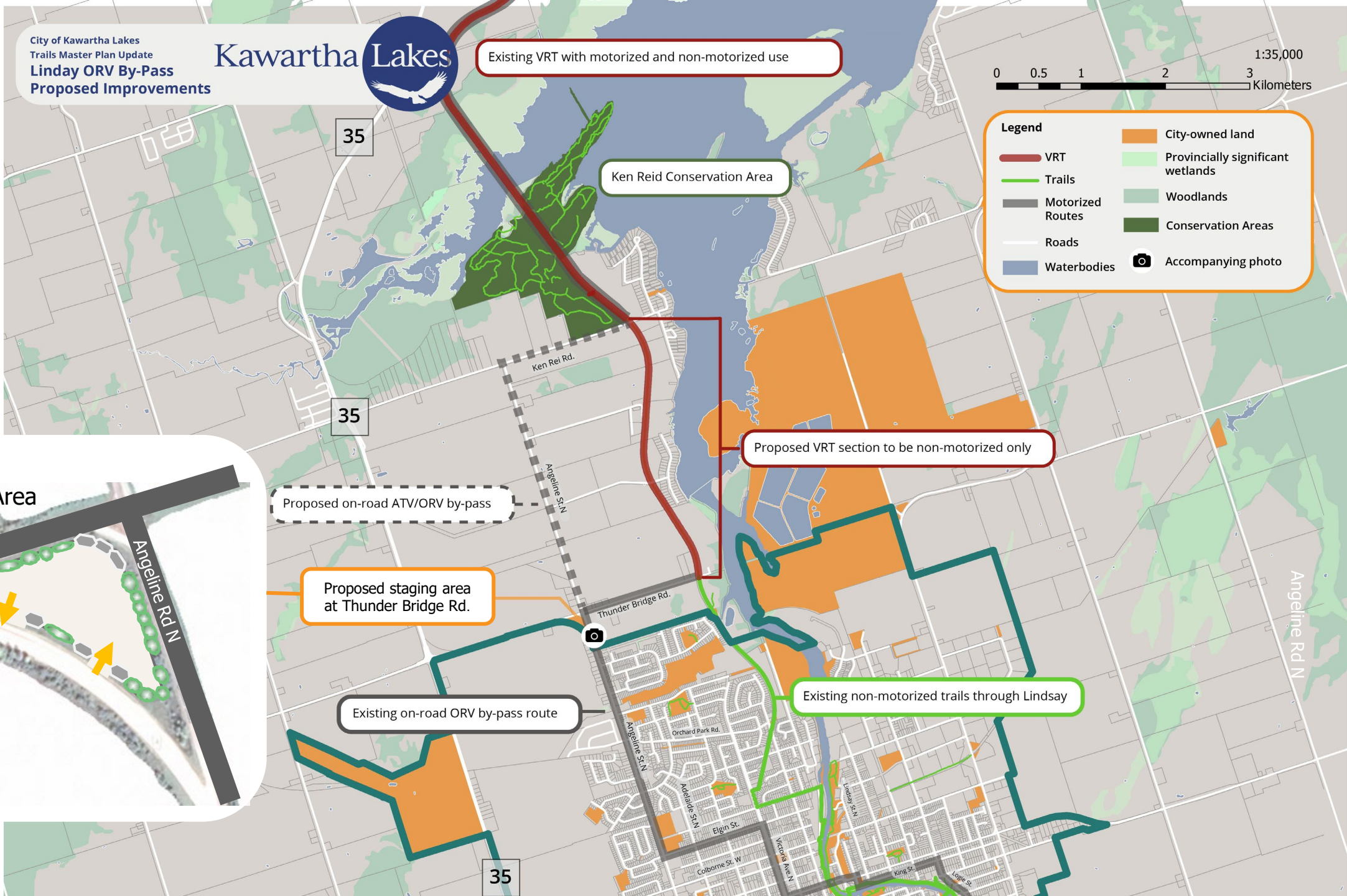
Approximate cost and phasing



View of the proposed staging area at Thunder Bridge Road



Proposed **Minor Motorized** Staging Area

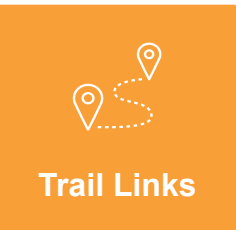


Focus Area #7: Lindsay Urban Area

Location: Central



Key Tactics



Trail Links



Upgraded
Amenities or
Signage



Partnerships
for
Improvements

Proposed projects

- ✓ New **recreational link connecting** trails on municipally owned Pioneer Park
- ✓ New **fully accessible trail** connecting Logie Park, VRT and KTCT, with new staging area
- ✓ Upgraded signage and wayfinding for on-road and trail connected loop
- ✓ Trailhead improvements for the VRT at the Legacy Trail to improve wayfinding
- ✓ Partnerships for the Kawartha Trans Canada Trail in Lindsay and developers in the northwest of Lindsay

Approximate cost and phasing





City of Kawartha Lakes Trails Master Plan Update Lindsay Urban Area Proposed Improvements

Legend

Destinations

- Schools
- Hospitals
- Sport fields
- Arenas
- Community centres
- ▲ Golf courses
- Libraries/Museums
- Religious institutions
- Boat Launch/ Docking
- Cemeteries
- Victoria Rail Trailheads
- Parks/ Open space
- Natural Area

Context

- Urban Settlement Boundary
- Waterways
- Woodlands

Existing Trail Routes

- Victoria Rail Trail
- Kawartha Lakes Trans Canada Trail
- Legacy Trail
- Rotary Trail
- Pathways
- Park pathways
- Private pathways¹
- On-road connecting links²

Motorized Routes

- ORV passby route
- ORV permitted routes

Previously Adopted Trail Routes³

- Trails
- On-road connecting link
- ↔ Proposed Scugog River crossing

Roads

- Local Roads
- Highways

Notes:

1. Paths on private properties are existing trail connections that are used by community members which may require future discussions about acquisition and formalization
2. Routes are not formally considered a trail type but provide connectivity between exiting trails which could be enhanced by signage and wayfinding or through the ATMP process. Existing sourced from tourism Kawartha, previously adopted from Lindsay Continuity Plan.
3. Source of trails from previously proposed trails in the Lindsay Continuity Plan or development drawings

VRT and Legacy Trail
Upgraded amenities and signage to improve trailhead facilities to accommodate ATV wayfinding. Promote ATV by-pass.

Pioneer Park
New trail link on City-owned land

Rotary Trail
Improved connection and condition upgrade. Partnership with Parks Canada lands

On-road and trail signed loop
Upgraded signage for proposed connecting trail loop on existing municipal trails and some on-road connections

Logie Park
New trail link to replace sidewalk connection with multi-use path; new staging area/ trailhead with upgraded amenities and signage at key intersection between local trails, VRT and KTCT

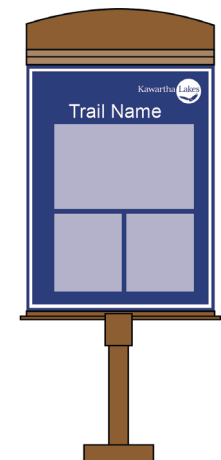
KTCT
Partnership to improve connection to Downtown

KTCT @ Logie Park
Partnership to improve connection from Logie Park to St. Mary Cemetery

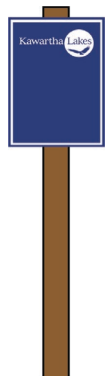
Northwest Development
Partnership to improve trail conditions and introduce new trail links through development plans

18km signed "Lindsay Loop"

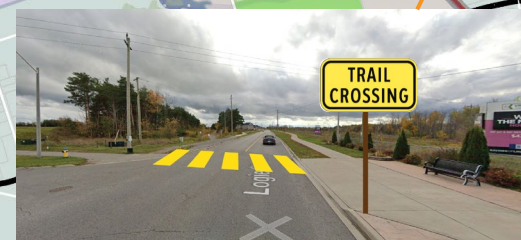
Potential **on-trail** & **trailhead** signage throughout Lindsay



Trailhead



On-trail

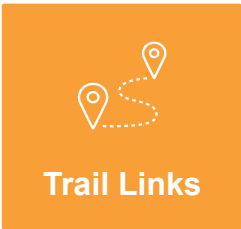


Focus Area #8: Bobcaygeon Urban Area

Location



Key Tactics



Proposed projects

- ☒ New **recreational connecting link** between Wilderness Park and Cedartree Lane
- ☒ New **recreational connecting link** by Forbert Pool

Approximate cost and phasing



Kawartha Lakes

City of Kawartha Lakes
Trails Master Plan Update
Bobcaygeon Proposed Improvements



Notes:

1. Paths on private properties are existing trail connections that are used by community members which may require future discussions about acquisition and formalization

2. Routes are not formally considered a trail type but provide connectivity between exiting trails which could be enhanced by signage and wayfinding or through the ATMP process. Previously adopted routes from Bobcaygeon AT plan.

New trail connection between the Wilderness Park and Cedartree Lane

New trail connections on city owned property by Forbert Pool

Legend

Destinations

- Schools
- Hospitals
- Sport fields
- Arenas
- Community centres
- Libraries/Museums
- Religious institutions
- Beaches
- Boat Launches
- Cemeteries
- Parks

Existing Trail Routes

- In-park pathways
- - - Private pathways¹
- - - On-road connecting links²

Roads

- Local Roads
- Highways

Context

- Urban Settlement Boundary
- Waterways
- City-owned land

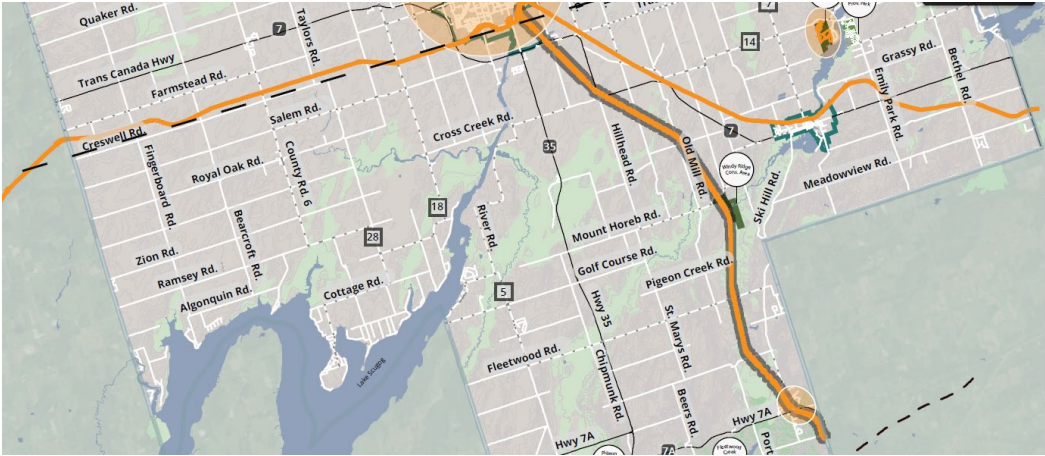
Previously Proposed and Adopted Routes

- - - Trails
- - - On-road connecting links



Focus Area #9: Kawartha Trans Canada Trail

Location: Central/South



Key Tactics

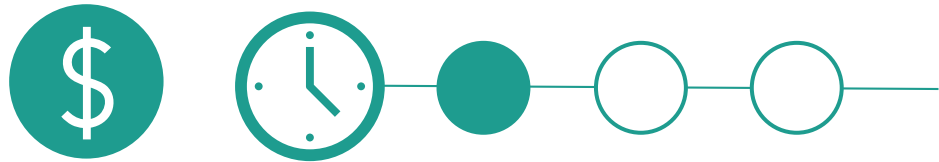


Proposed projects



Supportive policy will be drafted within the 'partnership' section of the plan to help foster long-term and collaborative relationships between the KTCT and the City of the Kawartha Lakes

Approximate cost and phasing



Focus Area #10: Emily Forest Tract

Location: South



Key Tactics



Condition Upgrades

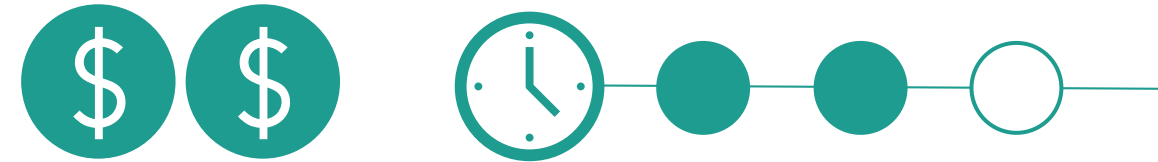


Upgraded Amenities or Signage

Proposed projects

- ☒ Condition improvements based on trail classifications of recreational connecting link and natural/niche trails
- ☒ Improved maintenance based on trail classifications of recreational connecting link and natural/niche trails
- ☒ Improved signage and wayfinding based on the signage strategy

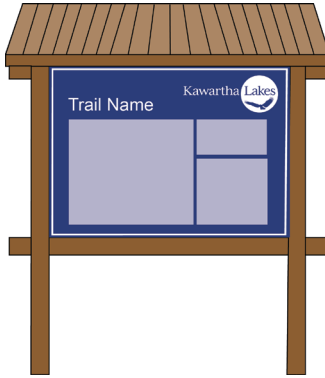
Approximate cost and phasing



1



Existing major entrance signage

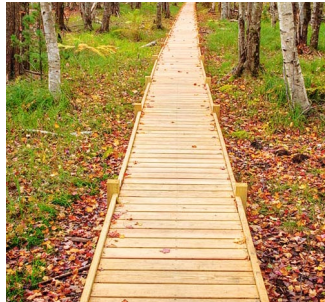


Proposed trailhead signage

2



Existing conditions for improvement

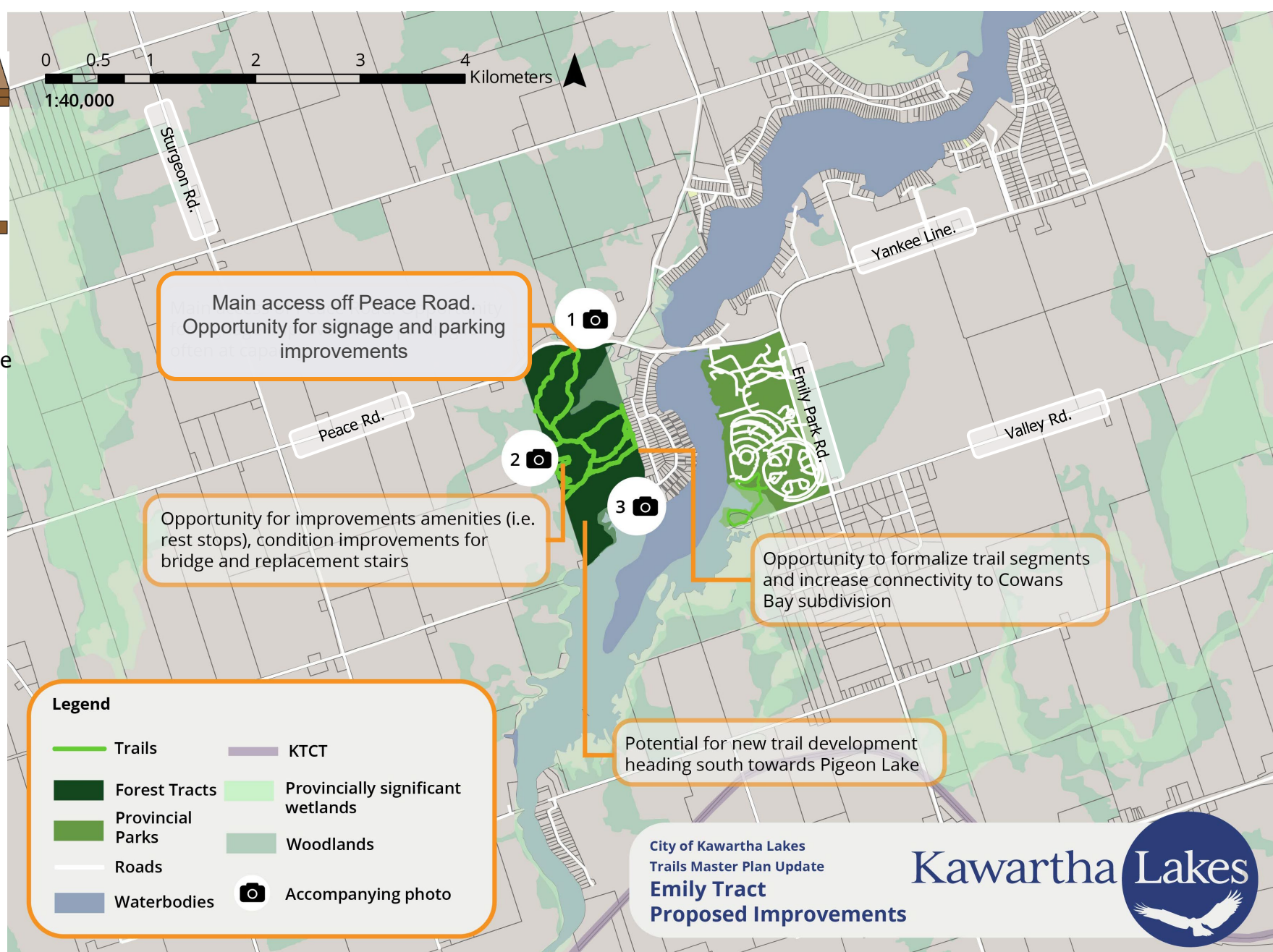


Proposed improvement

3

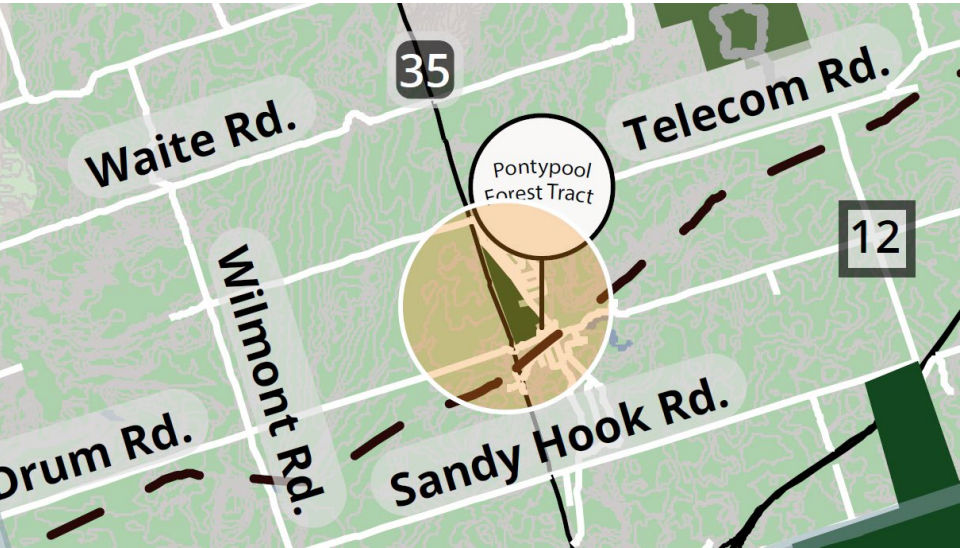


Existing trail entrance adjacent to subdivision

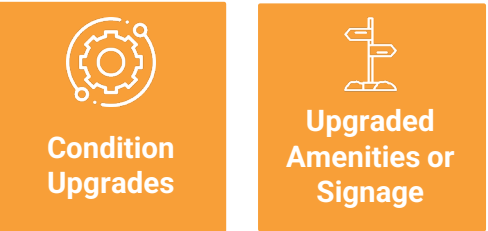


Focus Area #11: Pontypool Forest Tract

Location



Key Tactics



Proposed projects

- ✓ New pump track with skills course
- ✓ Upgraded amenities including parking
- ✓ Condition improvements of existing trails based on trail classifications of shared-use

Approximate cost and phasing

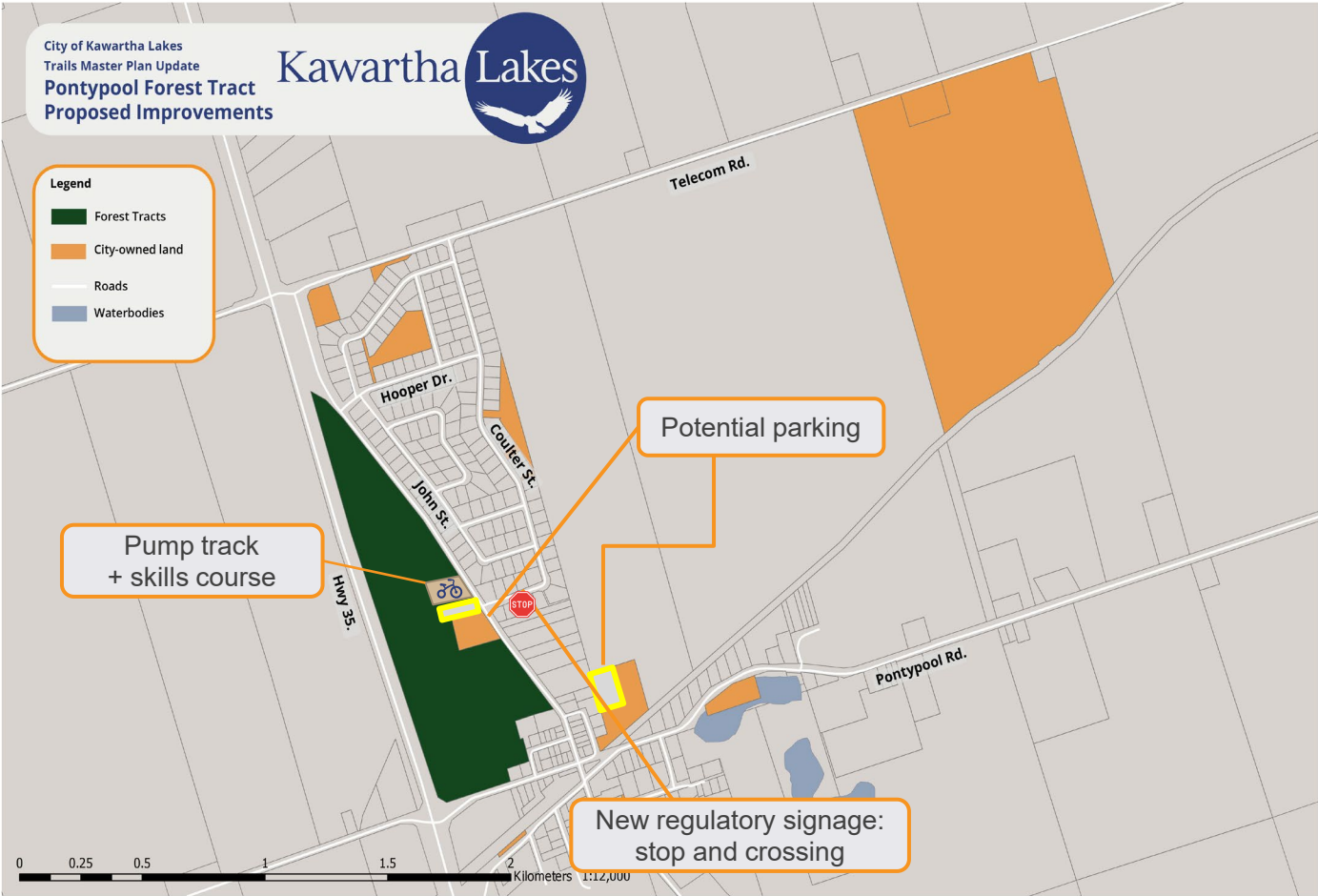


Map of Pontypool Forest Tract with Improvements

Pump tracks and skills courses can be designed for all ages and to improve skills suited to facilities that might be found along trails



All photos: Richard Goulding



Focus Area #12: VRT through Bethany

91

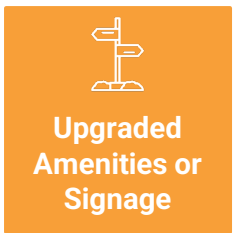
Location: South



Key Tactics



Condition
Upgrades

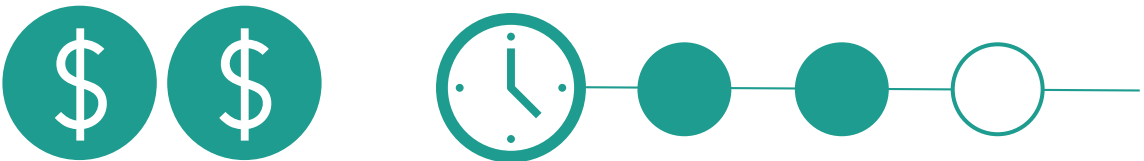


Upgraded
Amenities or
Signage

Proposed projects

- ✓ At-grade crossing improvements per trail classification requirements
- ✓ New signage and wayfinding to the staging area per the signage strategy
- ✓ New staging area development on city-owned land per the trail classification

Approximate cost and phasing



Focus Area #12: Bethany Safety & Staging Area Plan

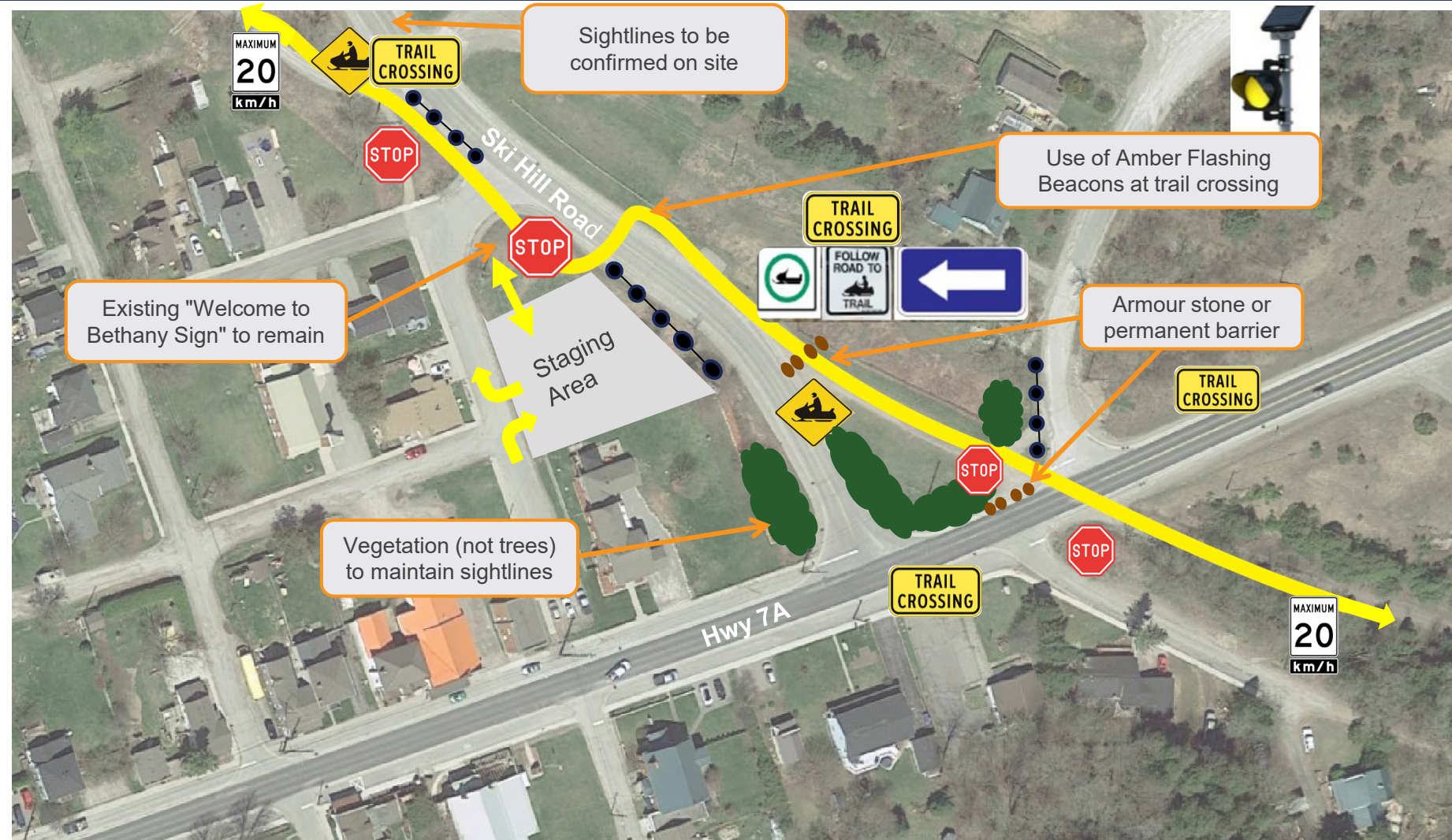
92

Safer trail routing and crossings:

- Improve motorist sight lines
- Apply regulation signage
- Notify motorists of trail users
- Guide trail user routing
- Reduce potential conflicts

New staging area:

- Safer, clear access
- More space
- Reduce potential conflicts





Proposed Criteria to Prioritize and Phase Improvements

In This Part of the Presentation Please Consider...

94

Are these the right questions to prioritize and phase trail improvements?

Which projects should have the greatest priority and be implemented first?

Which projects are longer-term?

Criteria to Prioritize Projects and Phasing

95

Screen 1: Trails Master Plan Update Project Criteria

Determines eligibility for inclusion in the Capital Improvement Program

Do the projects contribute to...?



TMPU Principles and
Objectives



Community
Priorities



Needs of Park and
Recreation System

Projects must align with at least one TMPU principle and objective to move forward.

Criteria to Prioritize Projects and Phasing

Screen 2: Sequencing

Prioritizes projects to be initiated in the short-term (1-5 years), mid-term (6-15 years), and long-term (16 years +) – Reviewed annually and every 5 years under Capital Improvement Program

How many criteria do the projects achieve?

Improve safety and restore amenity/facility use?	Is funding available for the project in the proposed time frame?
Fill service gaps or meet needs of an underserved group or geographic area?	Does the project leverage outside resources?
Align with or support another City project, goal or City Council initiative?	Can the project be done quickly and easily? Have the necessary planning and feasibility studies already been completed?
Action needed now before the opportunity is lost or project completion needed before another priority project can be started?	Does public support exist?
Are staff and resources available to operate and maintain the site/facility?	Does the project deliver high value for the cost or resources needed, relative to other projects?



Project Next Steps

Project Next Steps

98

- Gather and review stakeholder and public feedback
- Prepare and education and encouragement strategy
- Develop policy recommendations
- Develop costing and phasing recommendations
- Prepare draft and final Trails Master Plan Update and Implementation Plan



Thank you!