

Edmonton Bike Plan



PHASE I: Aspiration + Values | Fall-Winter 2018

PHASE I: ASPIRATION + VALUES

- Is Edmonton a bike-friendly city?
- How do you imagine biking in Edmonton in the future?
- What is our shared aspiration and values for biking in Edmonton?

Engagement Opportunities | Sep-Nov 2018

- pop-up events, online survey, drop-in events

ADVISE / REFINE

PHASE II: PREFERENCES + PRINCIPLES

- How will our aspiration and values take form?
- What is important in how we build our bike network?
- What principles should guide how we plan our bike network?

Engagement Opportunities | May-Jul 2019

- Workshops, community discussions, pop-up events, online survey

CREATE

PHASE II: Preferences + Principles | Spr-Sum 2019



PHASE III: Priorities + Trade-Offs | Fall-Winter 2019

PHASE III: PRIORITIES + TRADE-OFFS

- What trade-offs do we need to consider in implementing the Bike Plan?
- What goals and actions should be identified as part of implementation?
- Share DRAFT version of the Bike Plan Network Map

Engagement Opportunities | Oct-Nov 2019

- Drop-in sessions, workshops

ADVISE

DRAFT BIKE PLAN

- Share the DRAFT version of the Edmonton Bike Plan

Engagement Opportunities | Feb-Mar 2020

- Drop-in sessions

REFINE

DRAFT Bike Plan | Winter-Spring 2020



FINAL Bike Plan | Presented to City Council in Q1 2020

Edmonton

edmonton.ca/BikePlan

Edmonton Bike Plan

Aspiration & Values

The Aspiration and Values shared here have been revised to incorporate public input received in Phase 2.

Aspiration An aspiration allows us to look to the future with imagination and wisdom – to set an ambitious but achievable goal for our shared future state.

Edmonton:
Where people are invited to bike, for all reasons in all seasons.

Values Values are the lens through which we examine our actions and make our decisions. They guide our thinking and are foundational to all aspects of the plan.

+ EQUITABLE

Biking is a real choice for people of all ages, abilities, backgrounds and walks of life.

+ FUN AND FUNCTIONAL

Biking enriches the lives of Edmontonians and sparks joy by being a safe, enjoyable and practical way to get around.

+ CULTURE SHIFTING

Biking is a highly-valued part of Edmonton's mobility system and is welcomed as an everyday way to move around and enjoy our city.

+ URBAN VIBRANCY

Weaving biking into our city-building and design makes Edmonton a vibrant, attractive city that we're proud of and that others are drawn to.



Bike Network Principles

These Network Principles informed the development of the draft Bike Network Map you see here today, and will continue to be used as the bike network is built out in the future.

- + **SAFETY**
Minimizes conflict on routes & at intersections. Well-maintained.
- + **HEALTH AND COMFORT**
Minimizes stress, anxiety & personal safety concerns.
- + **CONNECTIVITY**
Gap-free access to desired places. Choice in routes & experience.
- + **DIRECTNESS**
Prioritizes straight, direct routes with minimal stops & delays.
- + **NETWORK DENSITY**
Grid size matches demand.
- + **ATTRACTIVENESS**
Routes are attractive, interesting and go through sociable places.
- + **INTEGRATION WITH OTHER MODES**
Network is mutually supportive of other modes.

Do these principles meet your needs? Is there anything missing?



Edmonton Bike Plan

Future Bike Network Map

The future bike network map includes five layers:

+ EXISTING BIKE NETWORK

All existing bike-related infrastructure (e.g. shared paths, on-street bike lanes)

+ PLANNED BIKEWAYS

Includes any bike-related infrastructure that is currently planned and/or designed.

+ MISSING LINKS

Segments that connect to an existing bike route on one or both ends. Missing links are location-specific.

+ SUBSTANDARD BIKE ROUTES

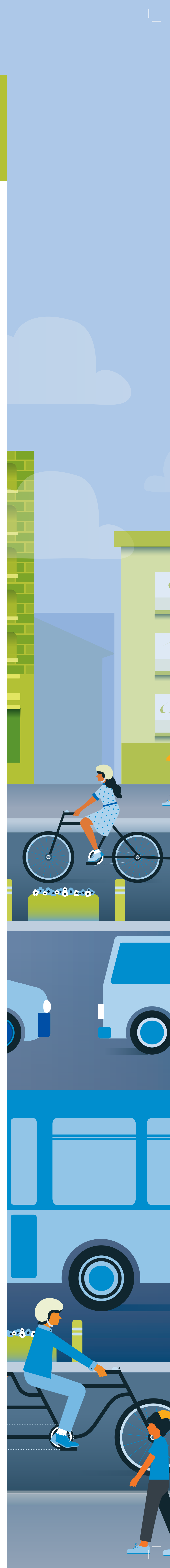
Includes any existing bike-related infrastructure that does not meet current design standards and may require modifications and/or upgrades.

+ FUTURE BIKE ROUTES

New bike routes that could contribute to creating a comprehensive city-wide bike network, including:

- New bike routes in areas currently underserved by cycling infrastructure
- Connections to the River Valley and Ravines
- Routes required to achieve the desired network density

Looking at the large Bike Network map: Are there any key connections missing? Please include any comments on a sticky note and place on the map.



Building the Network

In building out the bike network, there are a number of approaches the City could take.

What would you recommend the City focus on first? Why?

<p>River Valley and ravine connections</p>	<p>Filling gaps in the existing network to increase connectivity</p>
<p>Upgrading existing bikeways</p>	<p>Connecting underserved communities with the network</p>



Edmonton Bike Plan

Thank You!

Thank you for contributing your thoughts, ideas and concerns – we are very grateful for your input, and we look forward to sharing the draft Bike Plan in early 2020.



edmonton.ca/BikePlan

SHARE YOUR VOICE
SHAPE OUR CITY

Edmonton

Edmonton Bike Plan

Program Areas

Program Areas are all of the things that are not physical bike routes, but that make biking an easier, safer and more enjoyable option.

For each program area, a proposed approach is presented for your review. Each approach consists of a high-level approach for how the City, or what the outcome will be. More specifics and details will be contained in the Bike Plan itself.

For Activity #2, you are invited to:

1. REVIEW AND COMMENT

For each of the program areas:

- Rate your level of support for the proposed approach
- Make suggestions to improve the approach

2. PRIORITIZE

Each of the program areas have a cup attached to its board. Please distribute your marbles among the cups to indicate which areas you feel should be prioritized.



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Laws & Policies

Laws and policies help make the transportation system safer, by influencing how people ride and drive and supporting bike-friendly communities.



Edmonton Context

- The Alberta Traffic Safety Act and City of Edmonton Traffic and Parkland Bylaws set out rules related to:
 - riding bikes on sidewalks
 - turning right on red lights while driving
 - parking or loading vehicles in bike lanes
 - equipment required for bikes, such as reflectors and bells
- The City is considering lower speed limits in residential areas in support of Vision Zero. Lower speeds improve safety and create a more comfortable environment for riders.
- City policies use neighbourhood layout and location of destinations to promote walking and biking.

Edmonton Bike Plan Approach

- **Increase public awareness and compliance with traffic laws by:**
 - enforcing laws and bylaws currently on the books
 - introducing positive enforcement initiatives for new laws
- **Clarify rules of the road and focus on rider safety by:**
 - working with Alberta Transportation and other municipalities to update Alberta's Traffic Safety Act
- **Improve community bikeability by:**
 - reviewing City policies for land use, transportation, and neighbourhood and street design standards

Place a sticker on the spectrum according to your level of agreement with the proposed approach.



Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...

Edmonton Bike Plan

End of Trip Facilities

Facilities at the end of bike trips make cycling more convenient and feasible to cycle to work, shopping, dining and events. Facilities include parking and repair stands for bikes as well as change rooms, lockers and showers for riders. Typically, these facilities are provided by employers or in commercial buildings.



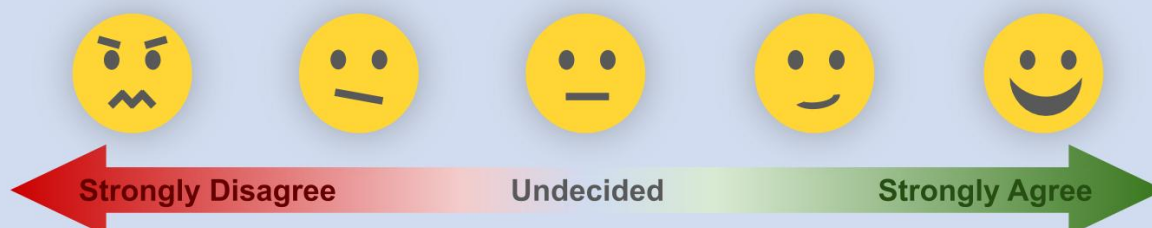
Edmonton Context

- The City provides bike racks and corrals at transit centres.
- The City's Request a Bicycle Rack program provides new bike racks and maintenance.
- Most end-of-trip facilities, such as change rooms and showers, are operated privately.

Edmonton Bike Plan Approach

- **Require property developers to provide secure bike parking and amenities for riders.**
- **Update design standards for on- and off-street bike parking to accommodate a range of bicycle types.**
- **Continue the Request a Bicycle Rack program.**
- **Expand the bike corral program.**
- **Assess the feasibility of expanding public bike parking facilities to include secure parking and maintenance services for bikes, as well as showers and change facilities for riders.**

Place a sticker on the spectrum according to your level of agreement with the proposed approach.



Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Encouragement

A strong bike culture where biking is supported:

- helps riders become comfortable with cycling
- encourages positive public attitudes towards cycling



Edmonton Context

- Edmonton has clubs and programs for riders of varying ability and age, such as sport cyclists, older adults or new riders.
- The City encourages winter cycling through the Winter City Strategy.
- The Alberta Motor Association offers roadside assistance for members who ride bikes.
- Paths for People held its first “Open Streets” event in 2019.

Edmonton Bike Plan Approach

- Increase exposure to cycling through events such as Open Streets, Bike to Work, and community bike tours.
- Raise awareness through marketing focused on neighbourhoods, businesses and potential riders such as women and older adults.
- Work with school districts to encourage safe travel by bike to elementary and junior high schools.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.

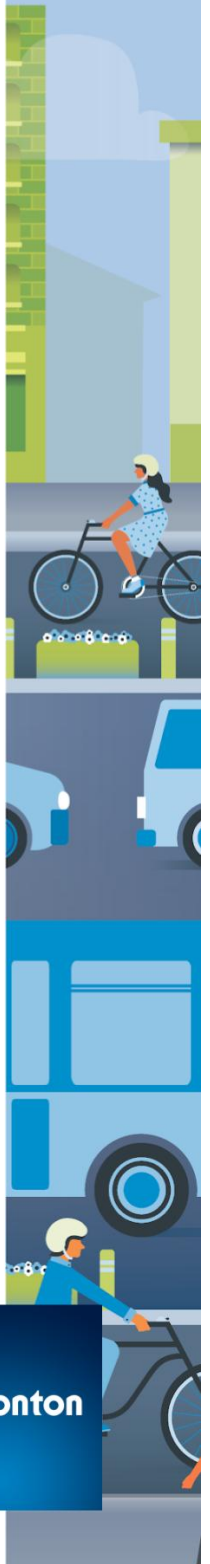


Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Integration With Transit

Bikes are a great way to connect with transit at both ends of a trip. Riders who use transit can also increase the range of trips that are possible by bike.



Edmonton Context

- Buses on all routes have bike racks (except for community buses).
- Riders can bring bikes on the LRT, except during peak hours (7:30 to 9:00 a.m.; 4:00 to 5:30 p.m.) and special events.
- All transit centres have bike racks. ETS has discontinued its program for bike lockers.

Edmonton Bike Plan Approach

- Continue the program for bikes on buses
- Continue to allow bikes on LRT, except during peak commuting hours and special events.
- Explore opportunities to provide secure bike parking at LRT stations and transit centres.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.

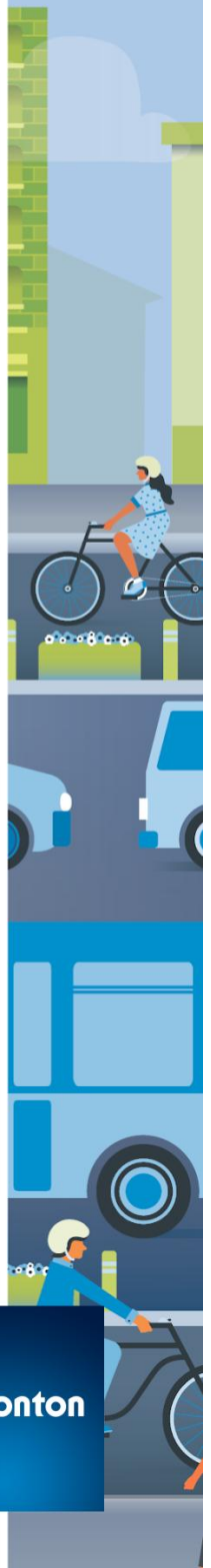


Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Bike Share

Bike share allows people to rent a bike for a short time, often for use in specified areas. E-bike share and e-scooter share are related programs. Many bike share systems in other cities across North America have recently been replaced with e-scooter share.



Edmonton Context

- The City has issued permits for two vendors, Bird and Lime, to operate e-scooter services in Edmonton.

Edmonton Bike Plan Approach

- Assess bike-share and e-scooter-share services for their ability to improve transportation access and support our City-building goals.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.

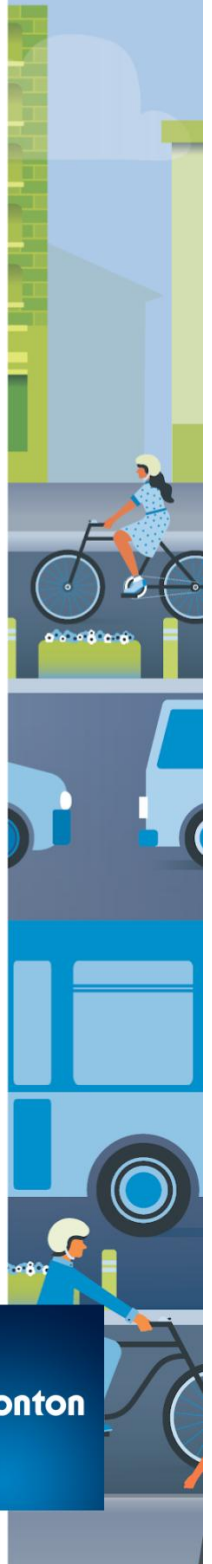


Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Lighting

Lighting helps riders find their way. It increases everyone's safety and makes urban spaces more vibrant and attractive.



Edmonton Context

- Roadway lighting is designed for cars, not for riders and pedestrians.
- Bikeways in parks are generally not lit along their entire length. This helps reduce light pollution and mitigates the adverse effects of artificial lighting on wildlife.

Edmonton Bike Plan Approach

- Develop lighting standards for bike routes on roadways, parks and other off-street shared pathways.
- Assess current lighting on bike routes and park pathways.
- Apply lighting standards to candidate bike routes.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.

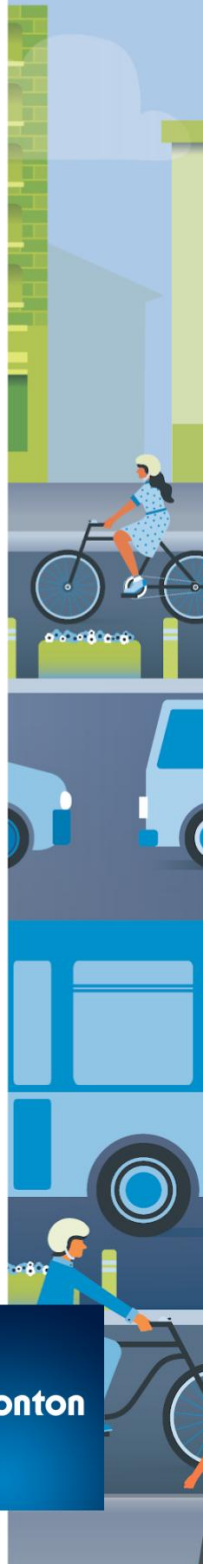


Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Maintenance

Maintenance for bike routes includes:

- seasonal cleaning, sweeping, adjusting concrete dividers
- clearing snow, treating surfaces with de-icer, removing snow from adjacent sidewalks and buffer areas



Edmonton Context

The City aims to:

- plow and remove snow on bike lanes within 24 hours after a snowfall ends
- clear shared pathways within 48 hours after a snowfall ends

Edmonton Bike Plan Approach

- Identify a city-wide bike network that will be cleared of snow to the City's current standard.
- Establish a program for longer-term repair and upkeep of the bike network.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.

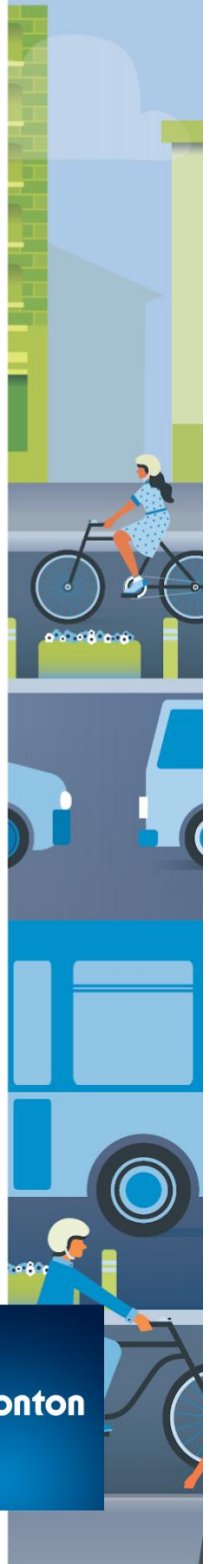


Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Wayfinding

Wayfinding helps people know where they are and find their way in unfamiliar places. Maps, signs, and web apps—even the design of buildings and spaces—can help riders and pedestrians find their way.



Edmonton Context

- Road signs help riders find bike routes and remind drivers to share roadways. Signs do not include destinations, distances or orientation.
- The River Valley trail system has signs to help riders and pedestrians find their way around Edmonton's river valley.

Edmonton Bike Plan Approach

- Introduce a wayfinding system for new bikeways.
- Include information on destinations, distances and route orientation.

We also want more feedback on wayfinding!
Please find the wayfinding mini-station to share.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.

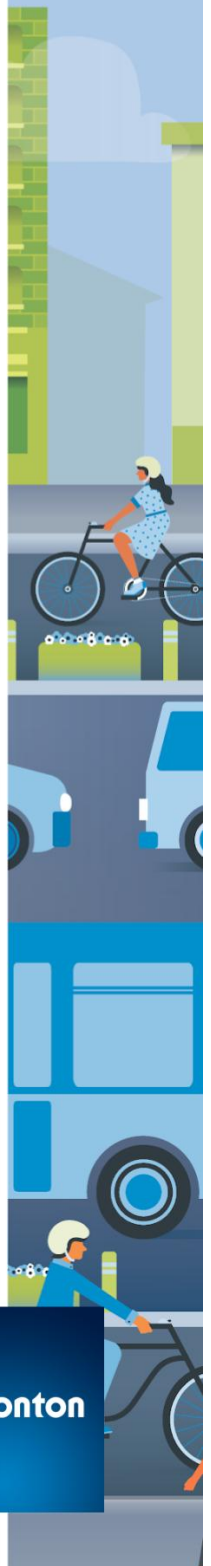


Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...



Edmonton Bike Plan

Education

A successful bike culture depends on:

- riders who bike safely around pedestrians and vehicles
- drivers who drive safely around bikes and bike lanes.



Edmonton Context

The City shares information about where to ride and how to ride:

- through presentations, bike tours, brochures and online information
- at public venues such as farmers' markets, libraries and recreation centres

Edmonton Bike Plan Approach

- Educate Edmontonians about how to use bike infrastructure.
- Work with school districts to make rider education part of the curriculum.
- Work with the Alberta Motor Association and Alberta Transportation to add rider safety and rules of the shared road to driver training.

Place a sticker on the spectrum according to your level of agreement with the proposed approach.



Strongly Disagree

Undecided

Strongly Agree

Please share any other suggestions you have to improve this program area...

