An illustration of a city street scene. At the top, a light rail train travels on an elevated track. Below, a street is divided into lanes by yellow bollards. A person in a blue shirt and yellow pants is riding a blue scooter. Next to them, a person in an orange shirt and blue pants is pushing a shopping cart. In the center, a yellow car is driving with a person inside waving. To the right, a person is riding a bicycle. In the background, there are green trees, a bridge, and city buildings. The sky is blue with white clouds.

Vision Zero Street Labs Guide

**VISION
ZERO**

Edmonton

edmonton.ca/streetlabs
saferoads@edmonton.ca

TABLE OF CONTENTS

1. Introducing Vision Zero Street Labs	PG 3
2. The Street Lab Journey	PG 4
3. Feature Labs	PG 5
4. Street Labs Around The World	PG 10
5. Street Lab Checklist	PG 11
6. Resources and Templates	PG 12

Last Updated May 31, 2022



INTRODUCING VISION ZERO STREET LABS



Vision Zero Street Labs combine the expertise and power of Edmontonians (YOU!) and City of Edmonton staff. Together, we will use temporary and adaptable measures to quickly and creatively address neighbourhood safety and livability concerns. These small changes can spark the attention of your community and lead to lasting improvements in the way we think about and use our streets.

Vision Zero Street Labs provide a neighbourhood and residents with:

- ✓ An opportunity to trial new solutions using adaptable materials
- ✓ New experiences and conversation around street safety and neighbourhood livability
- ✓ Meaningful options when permanent infrastructure changes are not available
- ✓ A chance to influence change on your streets and develop lasting connections within your community

YOUR CONNECTION TO THE CITY:

Community Activators are your main point of contact with the City of Edmonton and will support you through each step of your project.

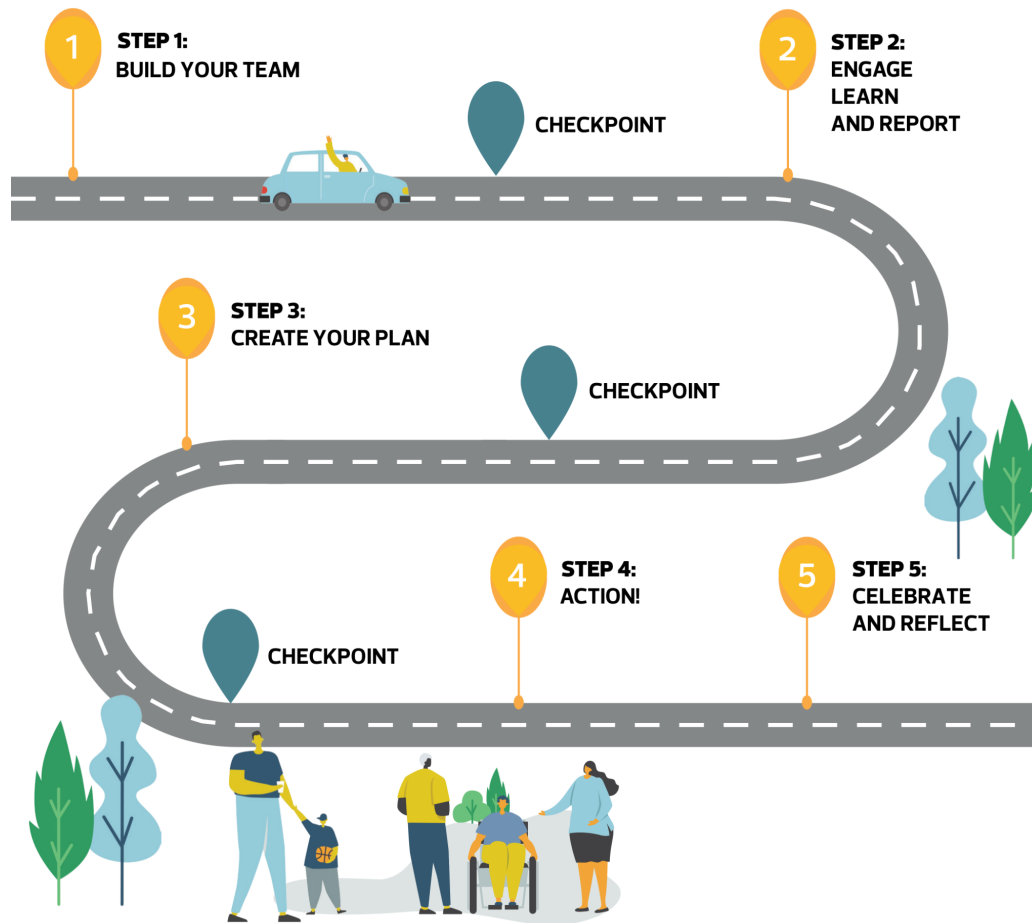
The City of Edmonton will provide the following items and resources to ensure that your Street Labs experience is successful:

- ✓ Inspiration and ideas to get you started
- ✓ Program orientation, resources and support throughout the project
- ✓ Tools and templates to gather your community's experiences and ideas
- ✓ Attending events and meetings to understand perspectives
- ✓ Ideas, best practices, engineering expertise, and lessons learned
- ✓ Collaboration to develop the approved project plan
- ✓ Traffic calming materials to bring your project to life

THE STREET LAB JOURNEY

This guide provides tools and information for each step along your Street Lab journey with the support of the City of Edmonton team.

Vision Zero Street Labs Road Map



DID YOU KNOW?

Safe mobility is essential to a connected, thriving city. Safe and livable streets benefit public health, local economy, and the environment through creating urban places built for people.

FEATURE LABS

Feature Labs provide a basic design that you can use as a foundation to plan your Street Lab. These ideas can be combined and modified in order to create a solution for your unique street. If you have something in mind that is not listed here, please share it with us so that we can work with you to make it happen!

Shared Streets



Turn your local street into a shared space for walking, biking, and rolling!

Through Shared Streets, vehicle traffic volume is reduced by discouraging non-local traffic, and the speed limit is reduced to 20 km/hr.

Signage and features to narrow the street will be placed at the entrance to each block. This informs people that the speed limit is reduced and that the street can be used by all.

Benefits:

- ✓ Create more space for people to walk, bike, run, roll, and scoot
- ✓ Reduce the speed and amount of vehicle traffic

Consider This Lab When:

- ✓ People are driving too fast on your local residential road
- ✓ People are shortcutting through your neighbourhood

Vibrant Crosswalks

Get to know fellow community members while designing this unique Feature Lab in your neighbourhood.



Create and beautify a space to cross safely! A vibrant crosswalk adds personality to your street while increasing safety.

Benefits:

- ✓ Draw attention to an existing crossing
- ✓ Create a beautiful crossing space for you, your family, and your community

Consider This Lab When:

- ✓ Drivers frequently don't yield to pedestrians wanting to cross at this location

Curb Extensions

Reduce crossing distance by repurposing street space!



Narrow your street and increase the overall visibility of pedestrians by reducing crossing distance with curb extensions. A section of the street is repurposed into a new space for people to be safer.

Benefits:

- ✓ Shorten crossing distances
- ✓ Slow vehicles by visually narrowing the street
- ✓ Explore creative purposes for repurposed space

Consider This Lab When:

- ✓ The crosswalk is abnormally long and the road is very wide
- ✓ It's not always easy for drivers to see people crossing

Parklets

Create a space to narrow the roadway and add beautification to a public space!



Parklets can help narrow the road, reduce speeds, and add vibrancy to your neighbourhood.

Benefits:

- ✓ Reduce the speed of nearby vehicles by narrowing the roadway
- ✓ Beautify a space in your neighbourhood with City supplied planters
- ✓ Be involved in your community by maintaining planters and practicing your gardening skills

Consider This Lab When:

- ✓ People are driving too fast on your local residential road
- ✓ People are shortcutting through your neighbourhood

Wayfinding Signs

Help people get to know your community!

DID YOU KNOW?

Only 1 in 5 children in Canada walk or wheel to and from school, and most children aren't achieving the recommended physical activity levels each day.



Wayfinding signs help us find desired destinations, give directions, and encourage people to explore your community. Signs encourage people to walk or roll to destinations, such as a local viewpoint, playground, or historic location.



Benefits:

- ✓ Make walking or rolling around your community more interesting and inviting
- ✓ Draw attention to points of interest in your community

Consider This Lab When:

- ✓ You want to showcase little-known points of interest
- ✓ People could benefit from directions to trails and amenities in your neighbourhood



STREET LABS AROUND THE WORLD

Check out work that is happening around the world to inspire your project:

[The Tactical Urbanist's Guide to Materials](#) an essential and practical guide to what materials you can use when you are redesigning a street.

[WikiBlock](#) offers downloadable patterns for building street furniture and traffic calming tools with plywood.

[Pop-up Traffic Calming Guide](#) is a tool for Montana communities to implement lighter, quicker, and lower-cost complete streets projects.

[StART Concrete Barrier Art Program](#) has enhanced Toronto streets and trails, including the installation of concrete “jersey” barriers in key areas to help ensure pedestrian, cyclist, and TTC passenger safety.

[Asphalt Art Guide](#) provides street plans for collaborative visual interventions on intersections and crosswalks, plazas and sidewalks, utility boxes, traffic barriers and underpasses.

DID YOU KNOW?

Improving active transportation routes enhances the safety, connectivity, and quality of life in a neighbourhood.



GET STARTED

Tell us more about your experience through this [form](#), and help us understand what it's like to walk, bike, drive, and roll in your community through creating a [Safe Mobility Map](#).

STREET LAB CHECKLIST

Step 1: Build Your Team

- ✓ Use the [Step 1 Workbook: Build Your Team](#) to tell us about your project team, goals and vision for the project
- ✓ **CHECKPOINT!** Submit your workbook. This will be reviewed alongside your [Safe Mobility Map](#), which you created as part of the intake process

Step 2: Engage, Learn, and Report

- ✓ Use the [Step 2 Workbook: Engage, Learn, and Report](#) to help gather your neighbours' and community members' ideas and perspectives
- ✓ **CHECKPOINT!** Share and discuss the results from your community engagement with the City



Step 3: Create Your Plan

- ✓ Use the [Step 3 Workbook: Create Your Plan](#) and connect with the City of Edmonton team to build your plan
- ✓ **CHECKPOINTS!**
 - City staff will review your proposal for opportunities and share recommendations
 - A Street Lab Plan will be created to establish timelines and define clear roles and responsibilities for the City and community members
 - Confirm neighbourhood support

Step 4: ACTION!

- ✓ Use the [Step 4 Workbook: Action!](#) to coordinate implementation logistics, such as people, permits, supplies, and installation day

Step 5: CELEBRATE AND REFLECT

- ✓ Use the [Step 5 Workbook: Celebrate and Reflect](#) to gather insight about your project's successes and learnings. Share these with the City of Edmonton team and your community.

RESOURCES & TEMPLATES

Your Community Activator will help guide you through these resources!

Questions? Email
[saferoads@
edmonton.ca](mailto:saferoads@edmonton.ca)

Step	Link to Document	Purpose of Document
1	Activity Book: Safe Mobility Map	Use this to map your streets and identify any problem areas
1	Activity Book: Walk and Roll Audit	An engagement activity used to gather community perspectives and identify barriers to safety and liveability in the community
2	Activity Book: Develop and Distribute a Survey	An engagement tool used to gather feedback from neighbours and community members
2	Activity Book: Sample Surveys	Use this sample survey document to help create a short or extended survey you will use to gather feedback from neighbours and community members
2	Activity Book: Hosting a Community Conversation	A tool to help you host an online meeting to gather feedback from neighbours and community members
2	Tips for Having Great Conversations	A guide to help community members have great conversations about safety that includes all perspectives
2	Engagement Summary Reporting Template	Use this template to create your Engagement Summary Report
2	Notification Letter	Handout to let neighbours know you are planning a street lab
3	Street Labs Wayfinding Sign	To be used for the Wayfinding Sign feature lab
3	Shared Street Sign	To be used for the Shared Street feature lab
4	Neighbour Invitation template	Handout to invite neighbours to check out an existing street lab
4	Street Labs Welcome Signs	Template for a “welcome to our street lab” sign
Any	Street Labs Lawn Sign - 8.5x11 11 x 17	Customizable lawn sign to let people know about project updates - engagement, evaluation, etc
Any	One Page Overview	Brief overview of what Street labs are about - to hand out at events and give to neighbours who may be interested
Any	Shareable Graphics	Download and use the 5 feature lab graphics

		on social media or in any other materials (ie. Community League Newsletter)
Any	Model Release Form	As you take videos and photos throughout your street labs process, please collect consent from everyone in the photos/videos. This will ensure that we can publicly celebrate and tell the story of how your street lab came to be!

We can't wait to work with you to make our streets safer for everyone!