

## Towards 40 Program: Encouraging Safe Speeds in Your Community

**40 Street** between Hermitage Road and south of 131 Avenue

Hermitage Road between 50 Street and west of Hermitage Park Road



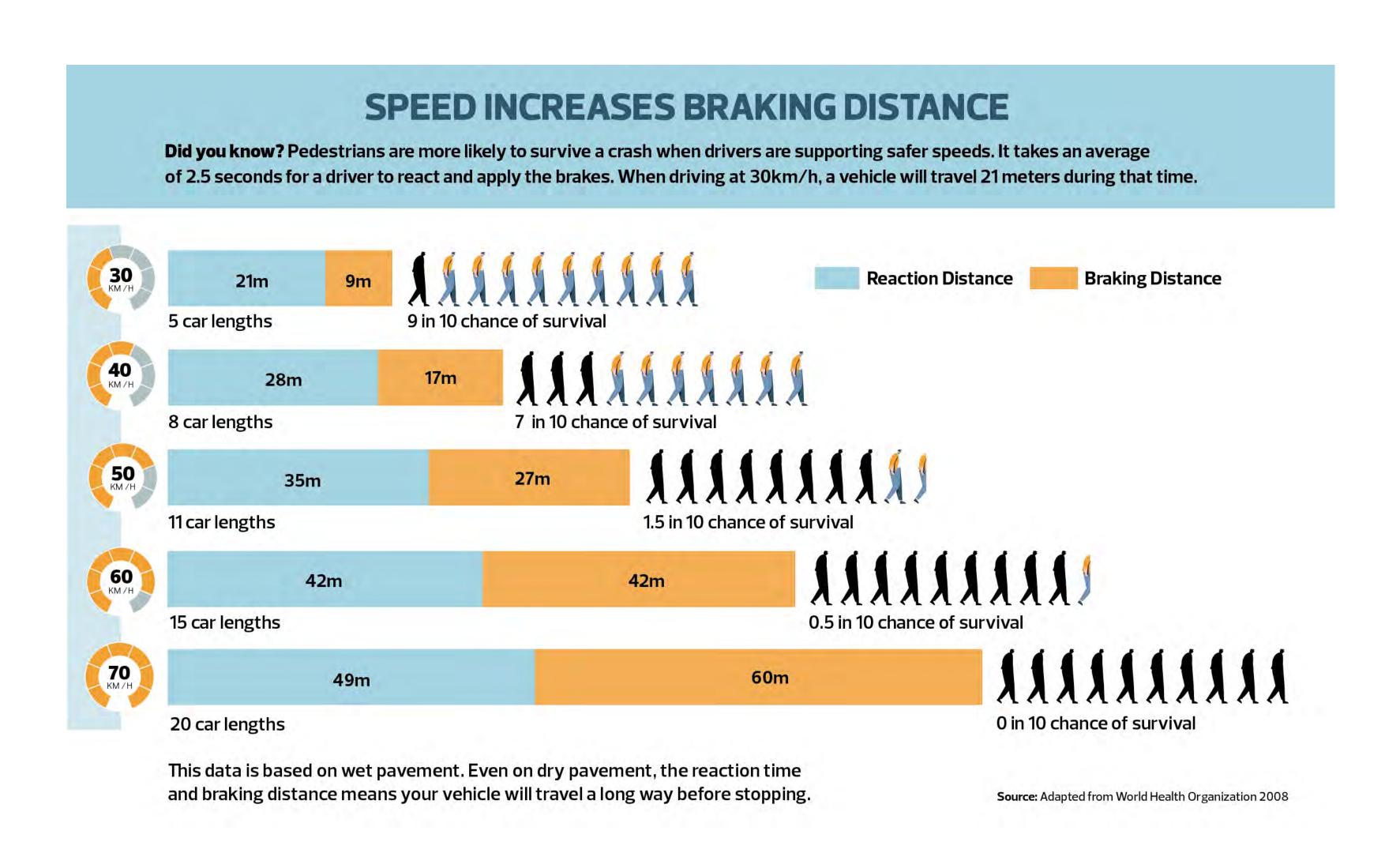




## Why 40 km/h?

## The speed limit is now 40 km/h on most residential and downtown streets.

Reducing speed limits makes our streets safer, calmer and quieter for everyone. Slowing down gives people more time to react to the unexpected to prevent crashes and reduce the severity of collisions.







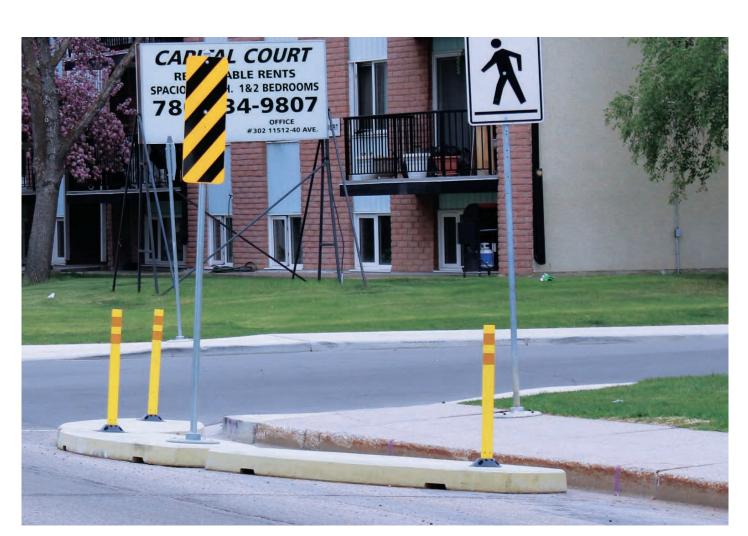


# Towards 40 Program: Adaptable Measures

**The Towards 40 Program** is focused on improving safety in areas where speeding and safety issues have been identified. The program will encourage safe driving habits and increase speed limit compliance using adaptable measures.

**Adaptable measures** allow the City to improve safety conditions on roads until permanent infrastructure can be installed.



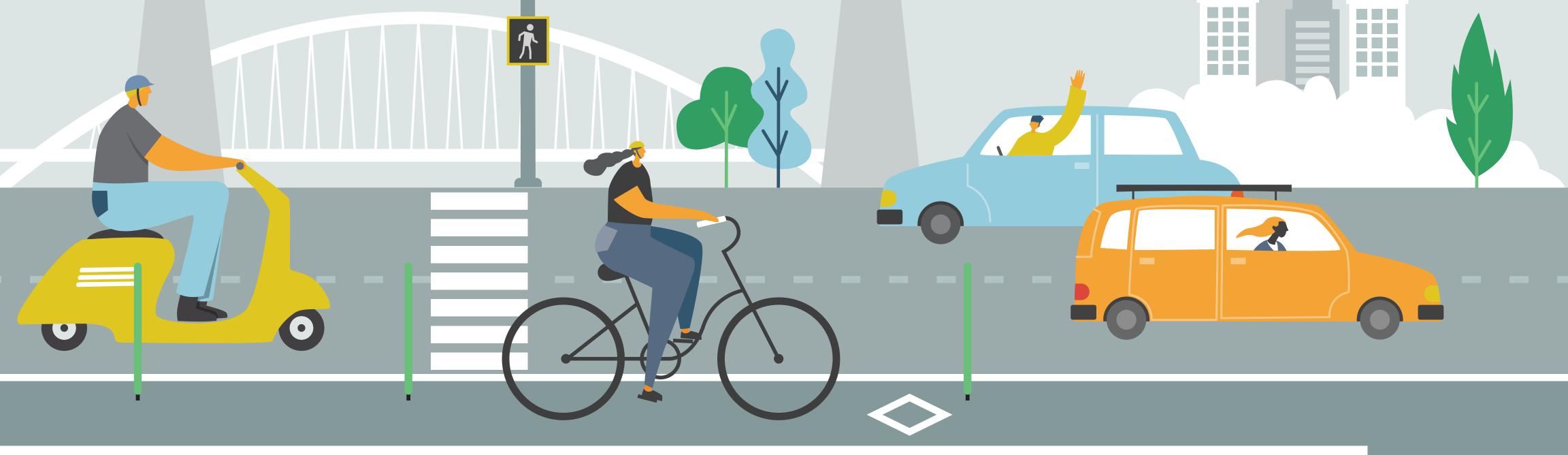




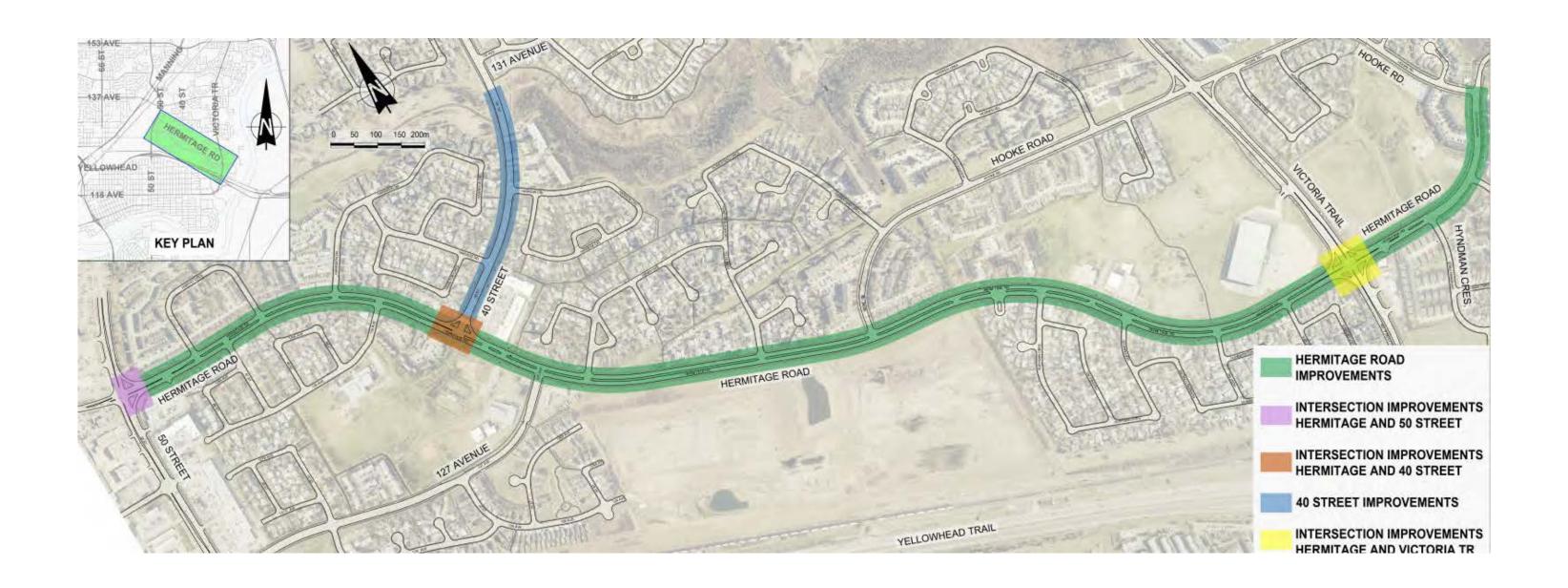








# Towards 40 Program: Project Areas

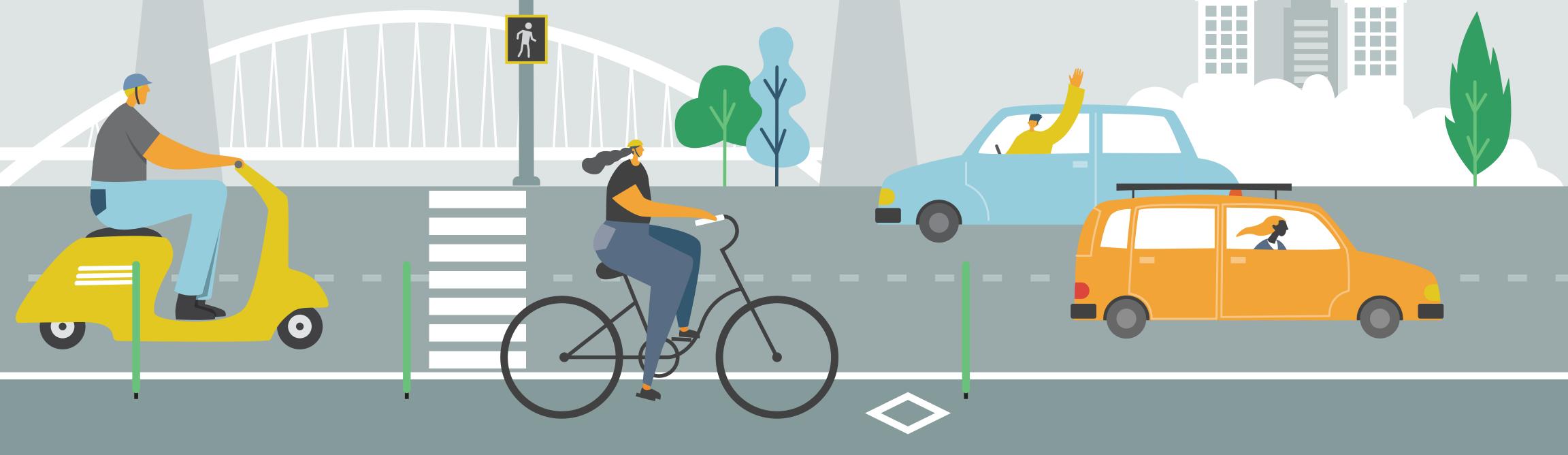


**40 Street** (between Hermitage Road and south of 131 Avenue) is a **low compliance road** where speed limits are regularly violated and where safer driving behaviours can be encouraged.

Hermitage Road (between 50 Street west of Hermitage Park Road) is an **exception road**. Hermitage Road didn't transition to 40 km/h when default speed limits were reduced in 2021. This road is in need of improvements to lower speeds and prioritize safety and accessibility.







# Towards 40 Program: Roadmap

#### Gathering Information

The City collects data and public feedback through public engagement opportunities. People can **ADVISE** the project team on their lived experience and suggestions on areas of improvement in the project areas.



Created by the City to show what we heard from the public and the data collected for the project areas. It serves as a foundation for the next step in the process.

#### **Creating Draft Designs**

Based on the Background Report, the project team develops the draft designs using adaptable measures that will encourage speed compliance and safer driving behaviours.

#### Sharing Final Design

The project team creates and shares the final design using adaptable measures that reflect city policies, technical considerations and what we heard during the public engagement process.



Created by the City to show how the project team arrived at the final design.



**Updating Design** 

#### Sharing Draft Design

The public provides feedback and can **ADVISE** the project team on the draft designs using adaptable measures.

#### Installing Adaptable Measures

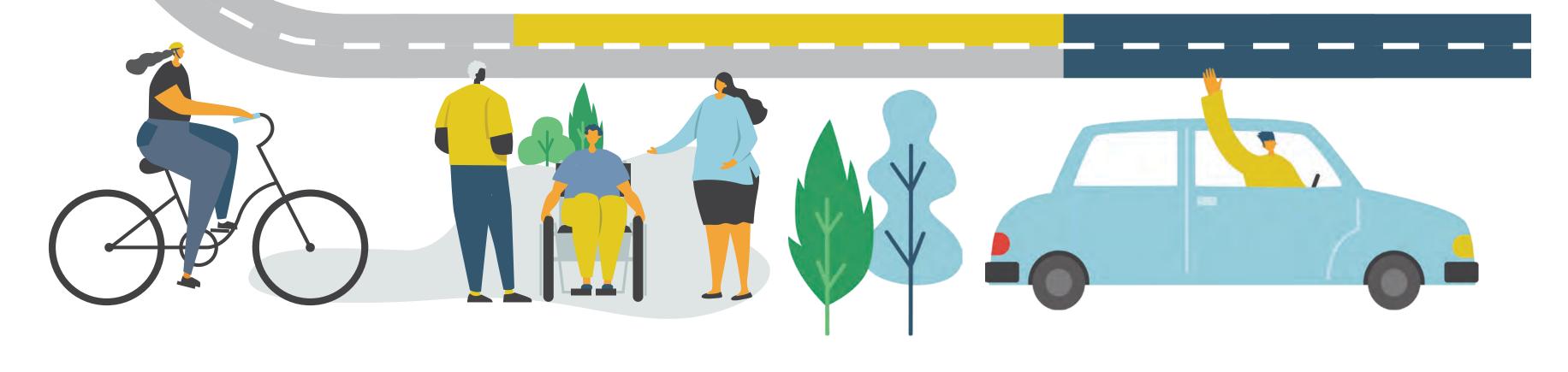
The new adaptable measures are installed in the project areas. The public is notified in advance of when installation will occur.

#### **Evaluating** the Changes

The City collects data and public feedback through public engagement opportunities. People can **ADVISE** the project team on their lived experience and level of comfort travelling within the project areas with the new adaptable measures.

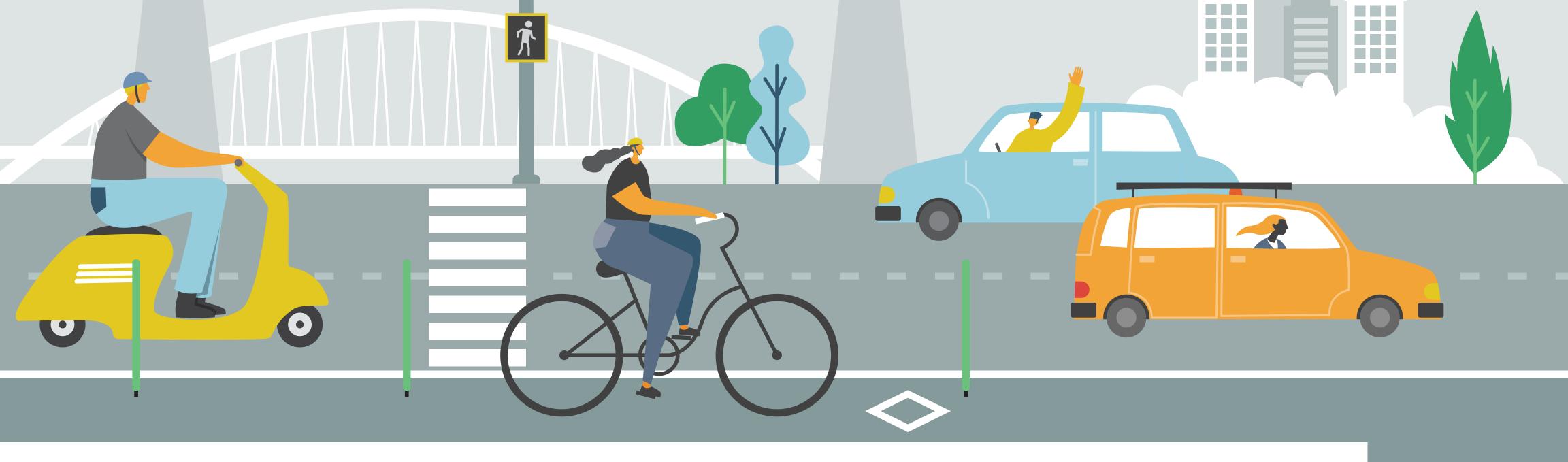


Outlines what we heard from the public and shares data collected for the project areas. It shows how speed limit compliance and driving behaviour has changed since installation of the adaptable measures.









# Towards 40 Program: Public Engagement

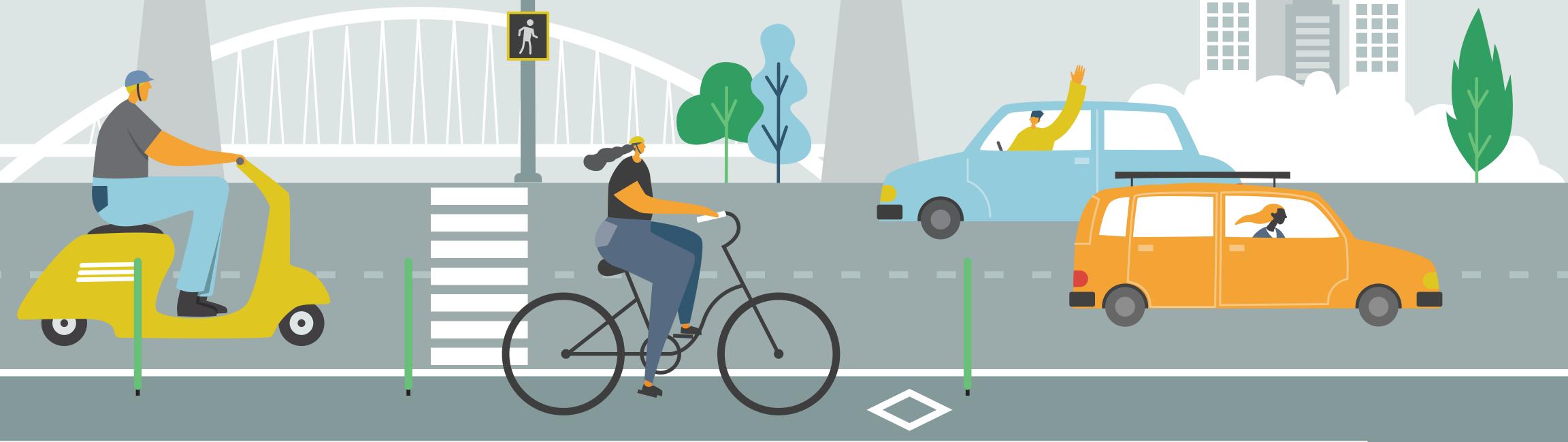


Your feedback along with City policies and technical considerations will provide the overall direction in developing appropriate safety measures to be applied to the project areas.

Learn more about the City's public engagement process at edmonton.ca/engagement







## 40 Street & Hermitage Road Share Your Feedback

We are at the Sharing Draft Design phase of the project.

View the draft designs and share your feedback on how well each proposed design improves safety of all road users: people who walk, bike, roll or drive.

#### How to Participate

**In Person:** Share your feedback with our team at this public engagement event

Phone: Call 311

#### **Online:**

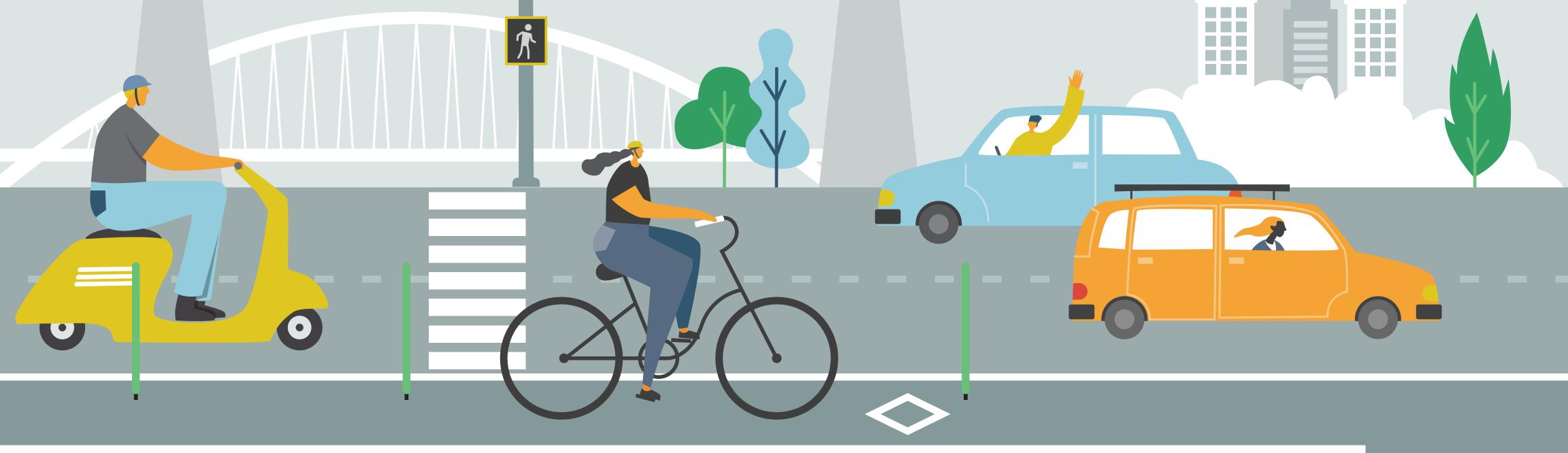
Use the QR code to take the survey



Your feedback will be used in combination with City policies, programs and technical considerations to determine the final design.







# 40 Street between Hermitage Road and south of 131 Avenue Draft Design Features

The draft design includes **the following measures and features** that improve safety as you walk, bike, roll or drive:

A designated driving lane in each direction that accommodates all vehicles, including emergency vehicles.



Adaptable centre medians: islands along the centre of a street that improve visibility and encourage slower speeds.



• Adaptable two-stage crossings: islands in the centre of a roadway at a pedestrian crossing to allow people to pause between crossing each direction of traffic. They shorten crossing distances and slow traffic.



Adaptable one-way protected bike lanes:

designated space for people to bike. They

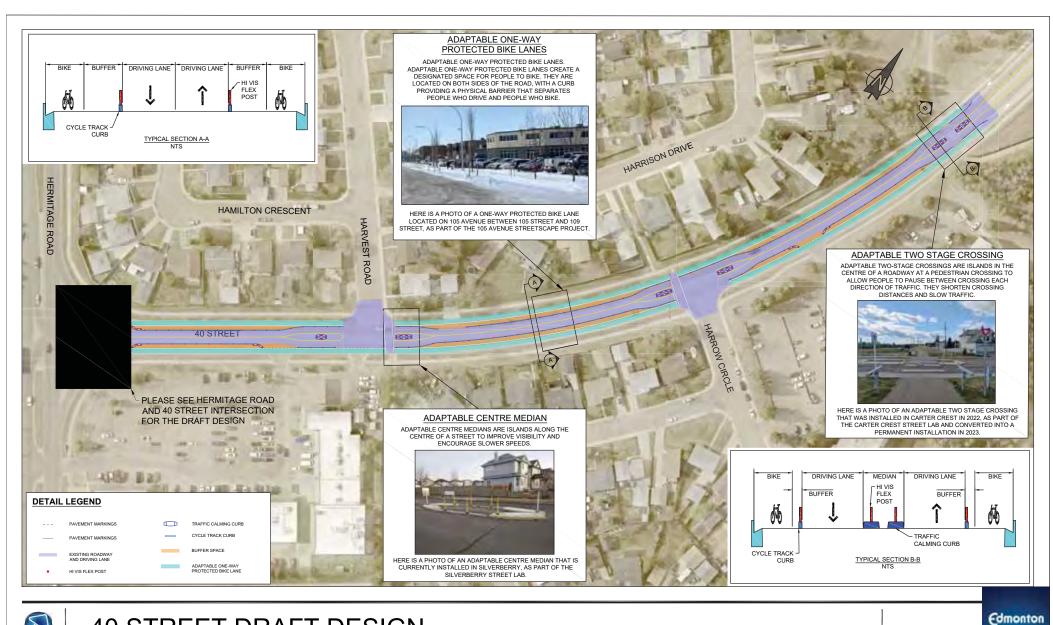
are located on both sides of the road, with a

curb providing a physical barrier that separates

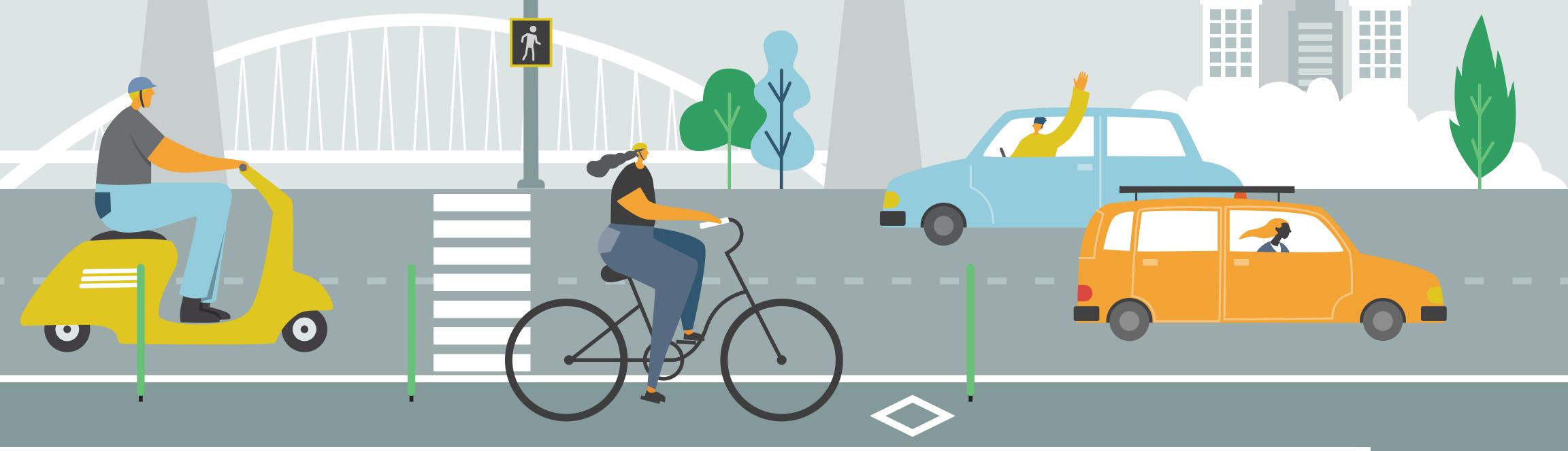
people who drive and people who bike.











# Hermitage Road between 50 Street to west of Hermitage Park Road Draft Design Features

The draft design includes **the following measures** that improve safety as you walk, bike, roll:

• **Centre medians:** islands along the centre of a street to improve visibility and encourage slower speeds.



▶ **Two-stage crossings:** islands in the centre of a roadway at a pedestrian crossing to allow people to pause between crossing each direction of traffic. They shorten crossing distances and slow traffic.



• Adaptable curb extensions: measures that extend into the roadway at crossings, either at corners or mid-block, where parking is not permitted. They provide shorter crossing distances and improved visibility for people walking across the street.



- Adaptable one-way protected bike lanes:

  designated space for people to bike. They

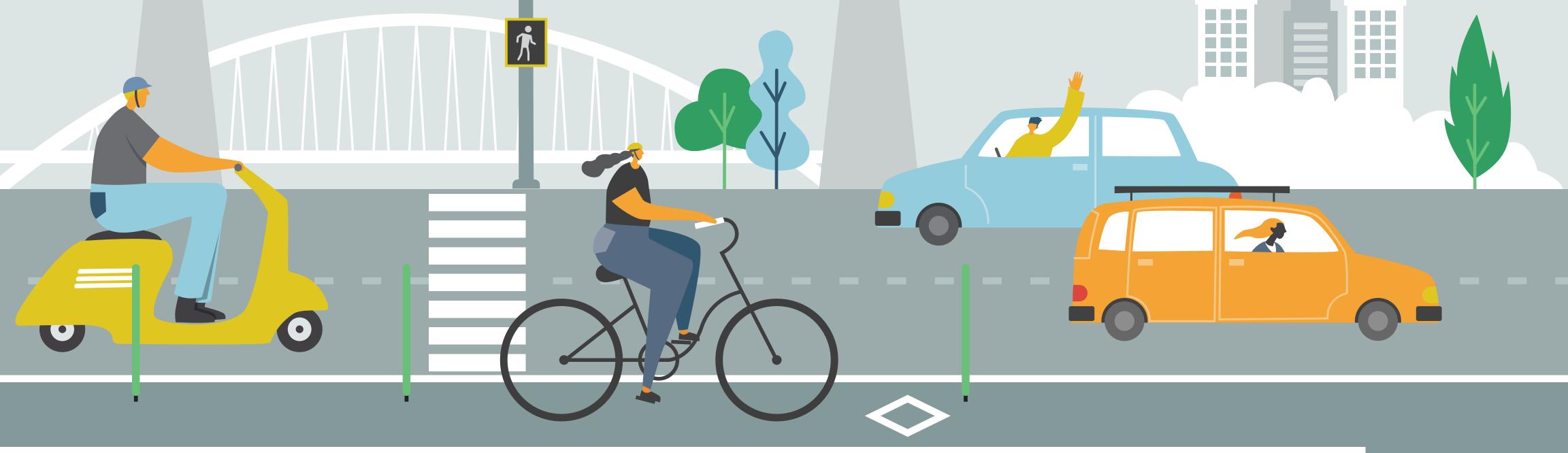
  are located on both sides of the road, with a

  curb providing a physical barrier that separates

  people who drive and people who bike.
- The one-way protected bike lanes along Hermitage Road connect to several existing and future bike routes.



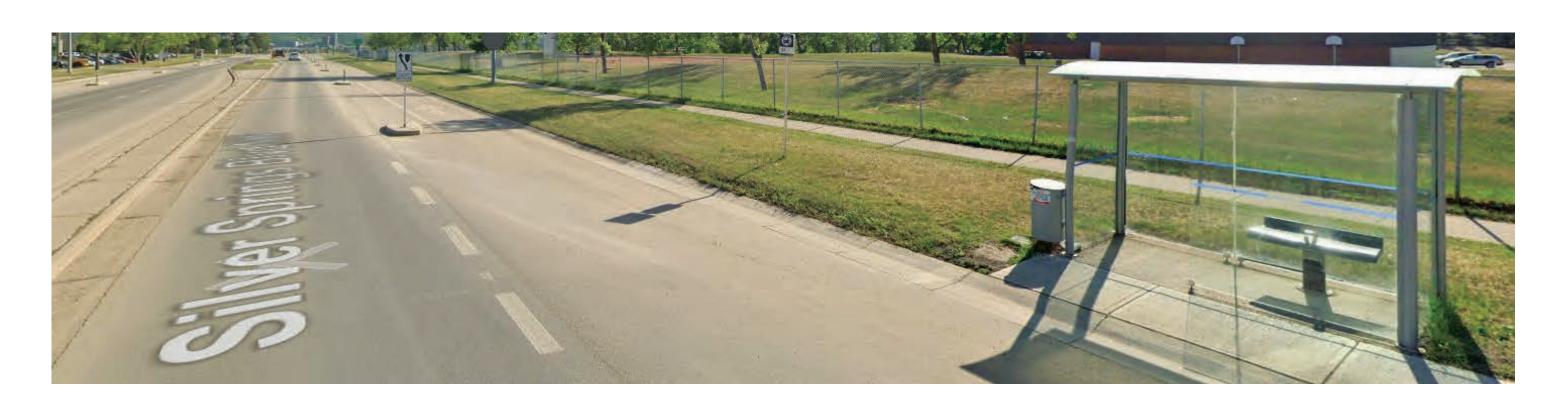




# Hermitage Road between 50 Street and west of Hermitage Park Road Draft Design Features

The draft design includes **the following features** that, when combined with the adaptable safety measures, improve safety as you walk, bike, roll or drive:

- A designated **driving lane** in each direction that accommodates all vehicles, including emergency vehicles and buses.
- Parking and no-parking areas are more clearly defined to avoid confusion and enhance safety near crosswalks. Parking with remain available in areas that are most often used.
- ▶ **ETS Bus stops** remain at the same locations as they are today. With adaptable measures along Hermitage Road, buses and people who bike share the space at bus stops.

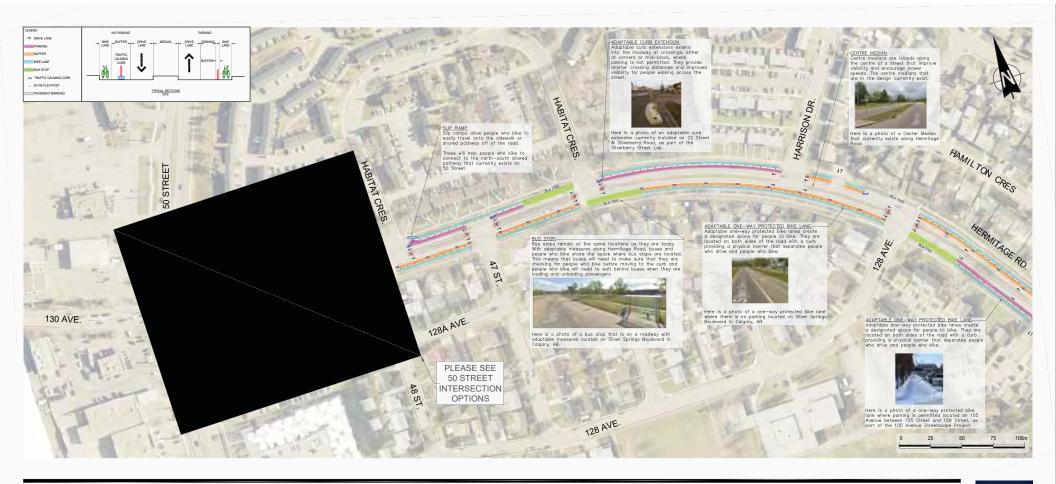


No U-turn signs. These will be added in areas where U-turns are not permitted on Hermitage Road.





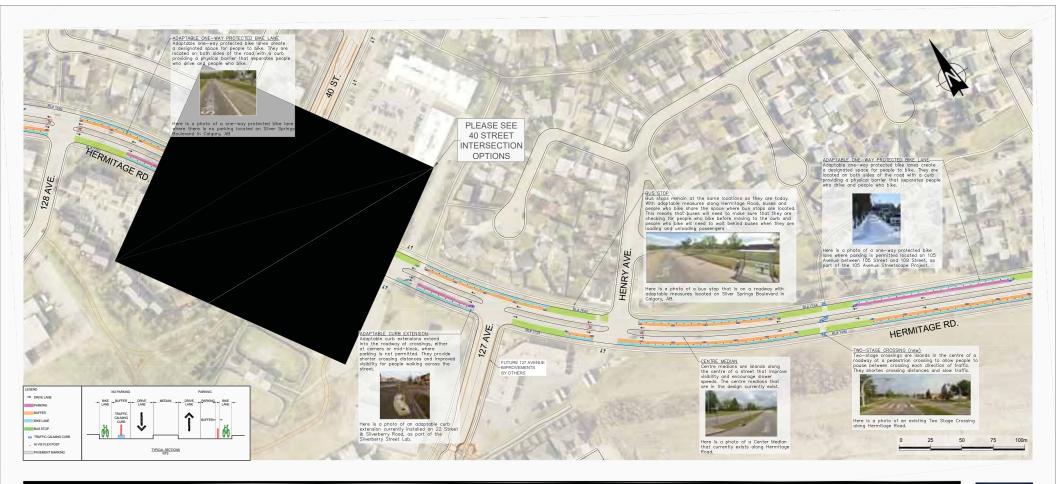






HERMITAGE ROAD DRAFT DESIGN

50 STREET TO 128 AVENUE





HERMITAGE ROAD DRAFT DESIGN

128 AVENUE TO HOMESTEAD CR.

March 22, 2024

**Edmonton** 





HERMITAGE ROAD DRAFT DESIGN

HOMESTEAD CR. TO HUFFMAN CR.

Edmonton 2,2024

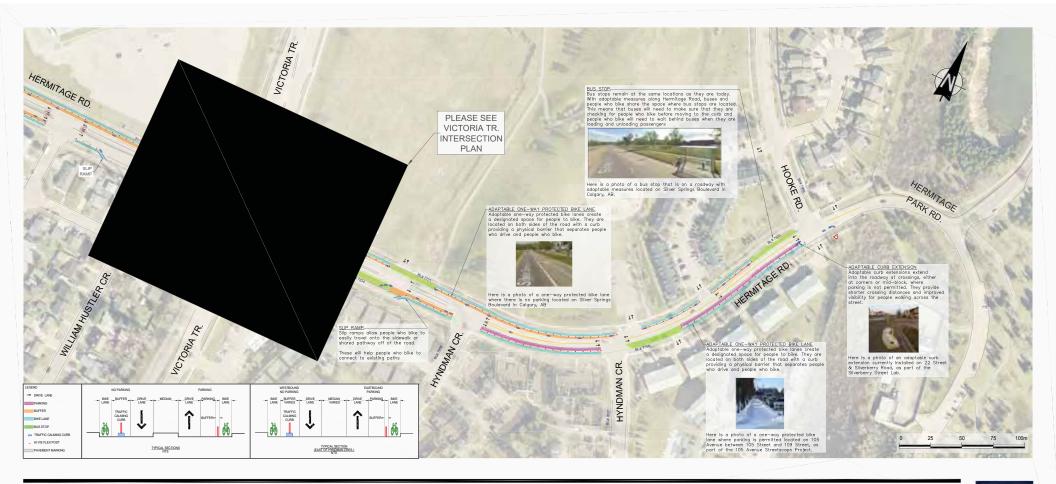




HERMITAGE ROAD DRAFT DESIGN

HUFFMAN CR. TO VICTORIA TRAIL

Edmonton 2024

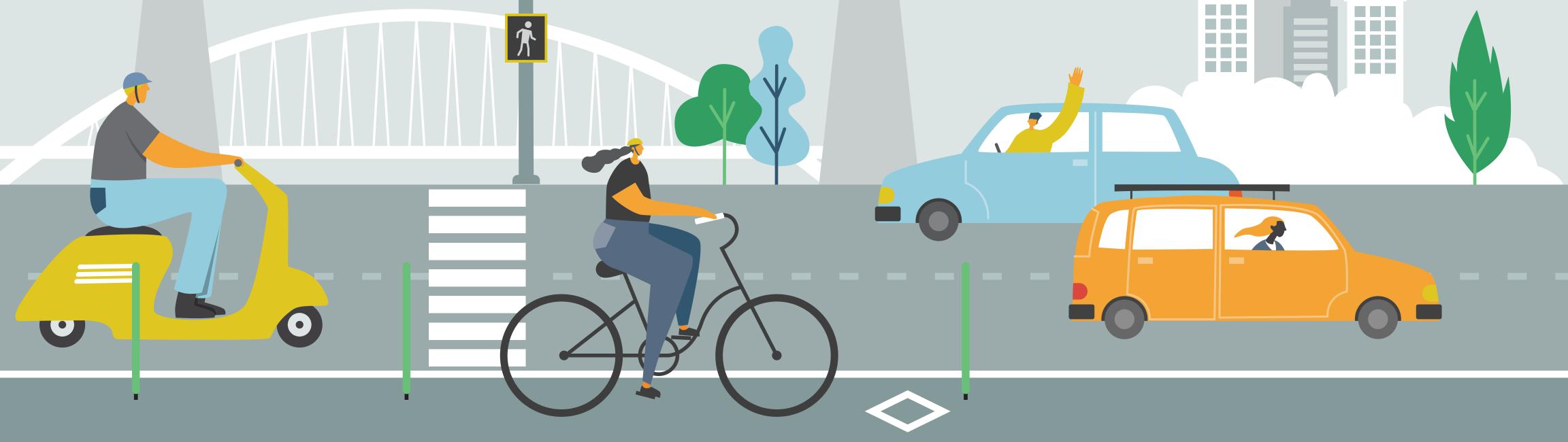




HERMITAGE ROAD DRAFT DESIGN

VICTORIA TRAIL TO HERMITAGE PARK ROAD

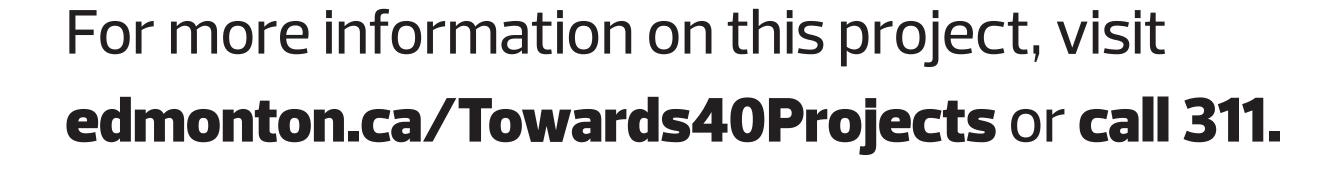
**Edmonton** 



## Intersection of Hermitage Road and 50 Street Draft Design Features Options A and B

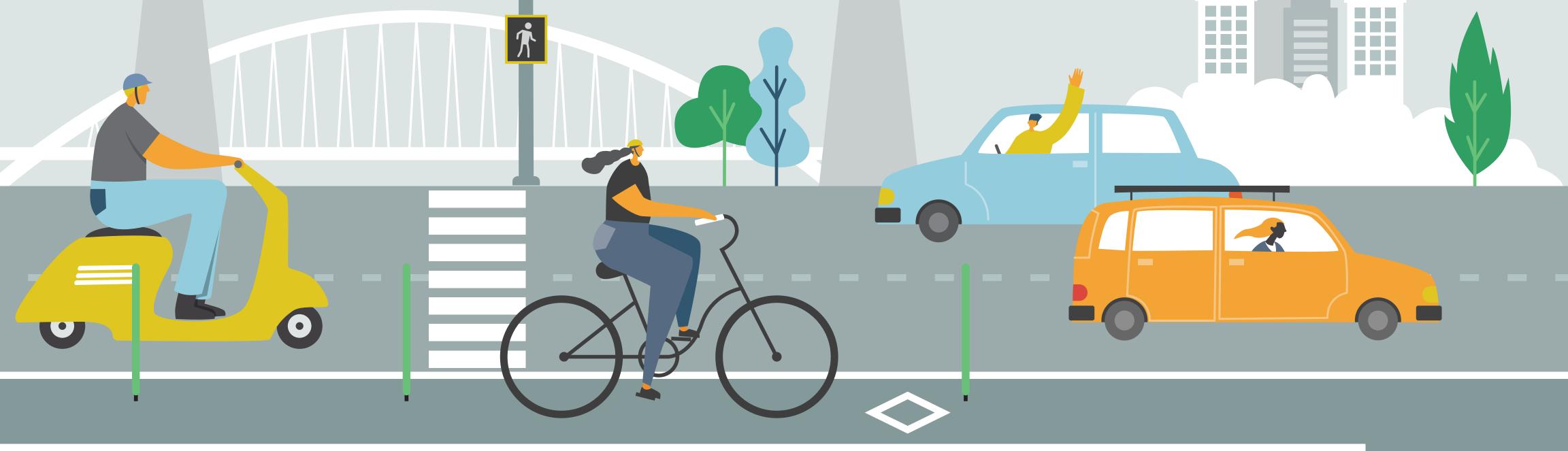
**Both draft design options A and B** include the following adaptable measures that improve safety as you walk, bike, roll or drive:

- Adaptable one-way protected bike lanes: designated space for people to bike. They are located on both sides of the road, with a curb providing a physical barrier that separates people who drive and people who bike.
  - One-way protected bike lanes along Hermitage Road connect to several existing and future bike routes, both within and outside the neighbourhood and accommodate all ages and abilities.
- **Centre medians:** islands located along the centre of a street that improve visibility near pedestrian crossings.
  - The centre median at 50 street is widened using adaptable measures in the design due to the closure of the left-most turn lane. This will provide a larger space for people who walk, bike or roll to pause and check for traffic as they cross the street, while improving safety and sightlines.
- Adaptable Curb extensions: measures that extend into the roadway at crossings, either at corners or mid-block, where parking is not permitted. They provide shorter crossing distances and improved visibility for people walking across the street.









## Intersection of Hermitage Road and 50 Street

## Draft Design Features Options A and B

**Both draft design options A and B** include the following features that, when combined with the adaptable safety measures, improve safety as you walk, bike, roll or drive:

- A designated driving lane in each direction that accommodates all vehicles including emergency vehicles and buses.
- A designated left turn lane at the intersection when travelling westbound. People who drive will be able to yield to oncoming traffic and turn left at a green light.
  - Currently there is an existing dual left turn lane at the intersection of Hermitage Road and 50 Street. The draft design shows this being changed to a single designated left turn lane to increase sightlines, reduce collision risk and to operate similar to other collector road to arterial road intersections in the city.
- Slip ramps: allow people who bike to easily travel onto the sidewalk or shared pathway off of the road. These will assist people who bike to connect to the north-south shared pathway that currently exists on 50 Street from Hermitage Road, and from 50 Street to Hermitage Road.
- Shared pathway: The new shared pathway shown in the draft design is planned and will be installed through the Overlanders and Homesteader neighbourhood renewal project. The shared pathway is located on the north side of Hermitage Road from Habitat Crescent to 50 Street.
- **ETS bus stops** remain and operate at the same locations as they are today. With adaptable measures along Hermitage Road, buses and people who bike share the space where bus stops are located.







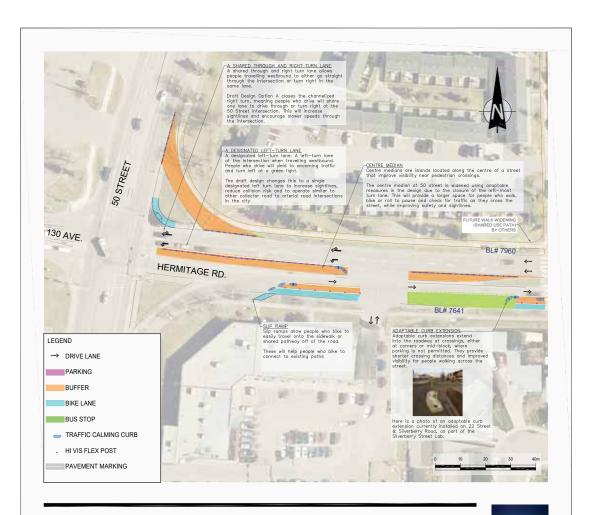
## Intersection of Hermitage Road and 50 Street Draft Design Features Option A

**Draft design option A** includes all of the design features listed on the "Options A and B" boards for this intersection **and** the following features that improve safety as you walk, bike, roll or drive:

- A shared through and right- turn lane: allows people travelling westbound to either go straight through the intersection or turn right in the same lane.
  - Currently, there is a separate straight through lane and a channelized right turn at the intersection when travelling westbound which currently allows people who are turning right to use a designated right turn lane.
- **Draft Design Option A** closes the channelized right turn, meaning people who drive will share one lane to drive through or turn right at the 50 Street intersection. This will increase sightlines and encourage slower speeds through the intersection.







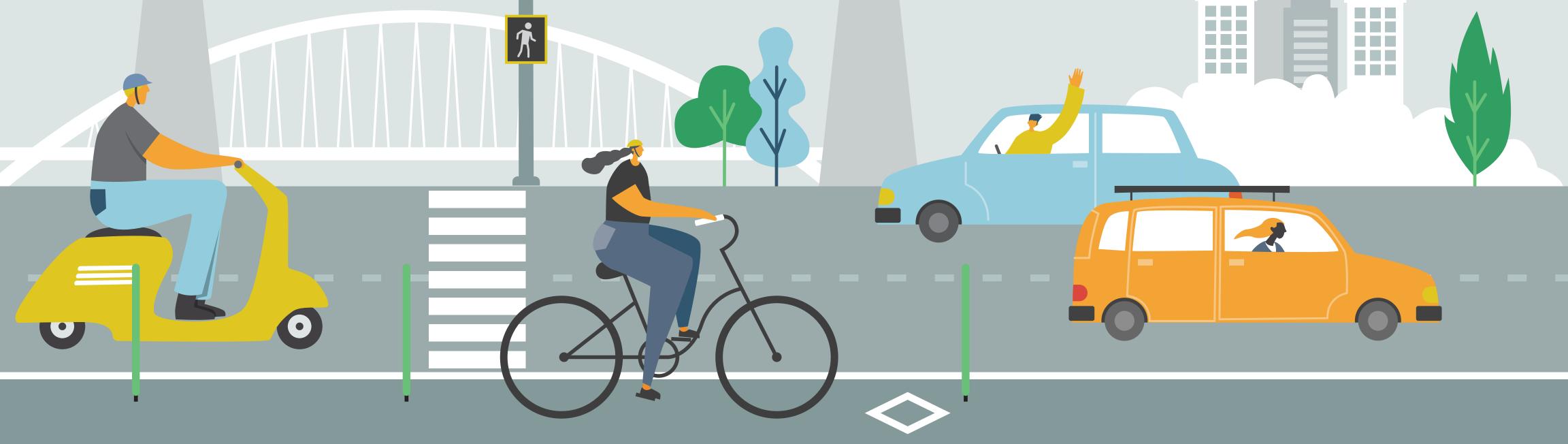


HERMITAGE ROAD DRAFT DESIGN

50 STREET INTERSECTION - OPTION A

Edmonton

March 21, 2024



## Intersection of Hermitage Road and 50 Street Draft Design Features Option B

**Draft design option B** includes all of the design features listed on the "Options A and B" boards for this intersection **and** the following features that improve safety as you walk, bike, roll or drive:

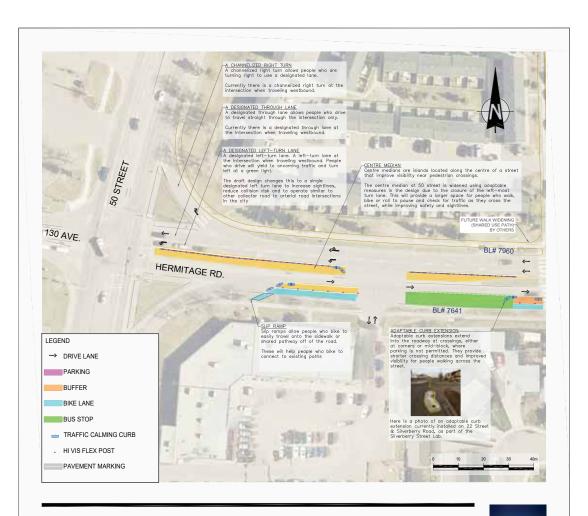
- A designated through lane: allows people who drive to travel straight through the intersection only.
  - Currently there is a designated through lane at the intersection.

    The designated through lane would remain similar to what is there today.
- A channelized right turn lane: allows people who are turning right to use a designated lane.
  - Currently, there is a channelized right turn lane at the intersection.

    The channelized right turn would remain similar to what is there today.









HERMITAGE ROAD DRAFT DESIGN

50 STREET INTERSECTION - OPTION B



March 21, 2024



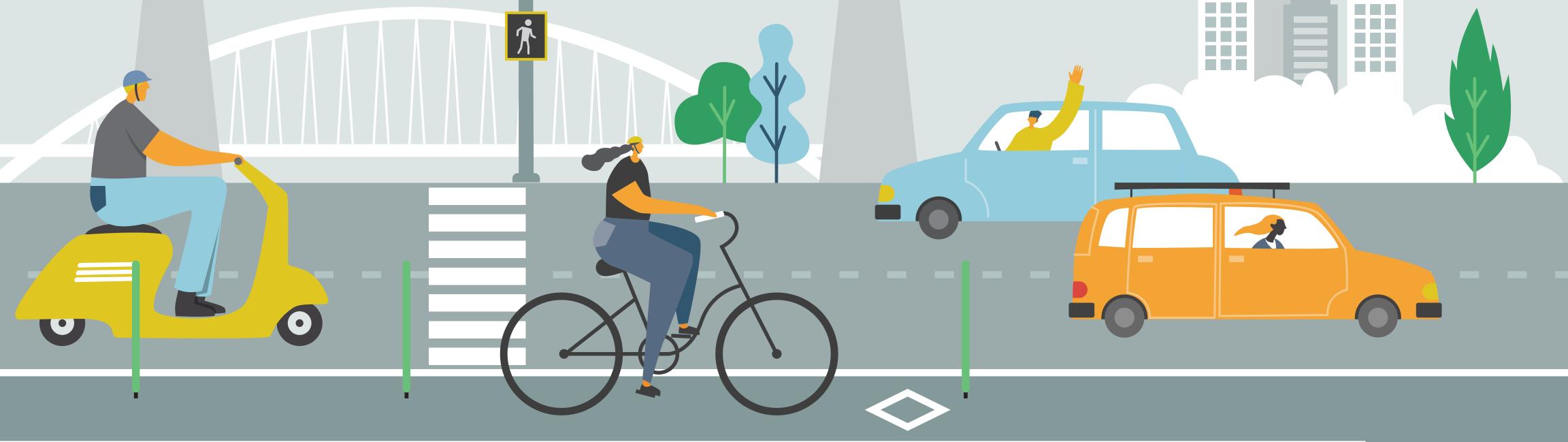
### Intersection of Hermitage Road and 40 Street Draft Design Features Options A and B

Both **Draft Design Option A** and **Draft Design Option B** include the following features:

- A designated **driving lane** in each direction that accommodates all vehicles, including emergency vehicles and buses.
- An **all-way stop** that allows people who drive to all stop at the intersection when travelling in all directions. The first vehicle that stops at the intersection proceeds first.
  - Currently there is an all-way stop at the intersection. The draft design shows clearly defined driving lanes, one-way protected bike lanes, curb extensions near the crossings and parking areas.
- Adaptable one-way protected bike lanes: designated space for people to bike They are located on both sides of the road, with a curb providing a physical barrier that separates people who drive and people who bike.
  - The one-way protected bike lanes along Hermitage Road connect to several existing and future bike routes, both within and outside the neighbourhood and accommodates all ages and abilities.
- Adaptable curb extensions. measures that extend into the roadway at crossings, either at corners or mid-block, where parking is not permitted. They provide shorter crossing distances and improved visibility for people walking across the street.
- Parking and no-parking areas are more clearly defined to avoid confusion and enhance safety near crosswalks. Parking with remain available in areas that are most often used.







### Intersection of Hermitage Road and 40 Street Draft Design Features Option A

**Draft Design Option A** includes all the design features listed on the "Draft Design Options A and B" board for this intersection and the following features:

#### An all-way stop.

- Currently there is an all-way stop at the intersection with no defined lanes.
- Draft Design Option A shows one clearly defined lane in each direction, meaning only one vehicle can approach the intersection at a time.
- In **Draft Design Option A**, people crossing would walk across one lane of traffic going each direction only, two lanes total, which shortens the crossing distance
- Adaptable one-way protected bike lanes: designated space for people to bike They are located on both sides of the road, with a curb providing a physical barrier that separates people who drive and people who bike.
  - The one-way protected bike lanes along Hermitage Road connect to several existing and future bike routes, both within and outside the neighbourhood and accommodates all ages and abilities.

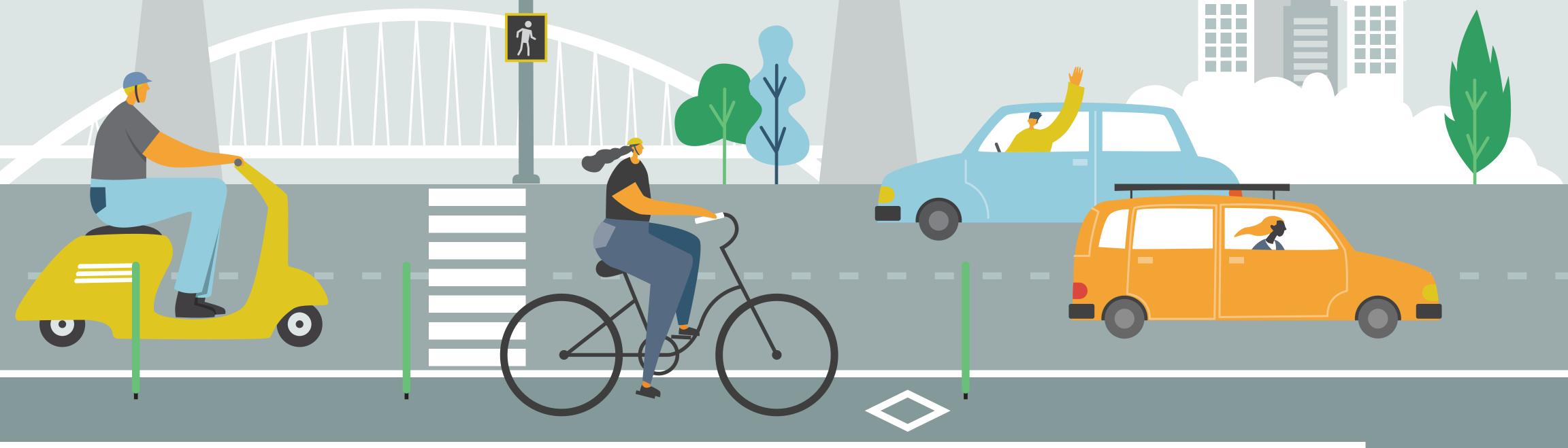
#### Centre medians.

In **Draft Design Option A**, the centre median on the west side of the intersection is widened using adaptable measures in the design. This will provide a larger space for people who walk, bike or roll to pause and check for traffic as they cross the street, while improving safety and sightlines.









## Intersection of Hermitage Road and 40 Street Draft Design Features Option B

**Draft design Option B** includes all the design features listed on the "Draft Design Options A and B" board for this intersection and the following features:

#### An all-way stop.

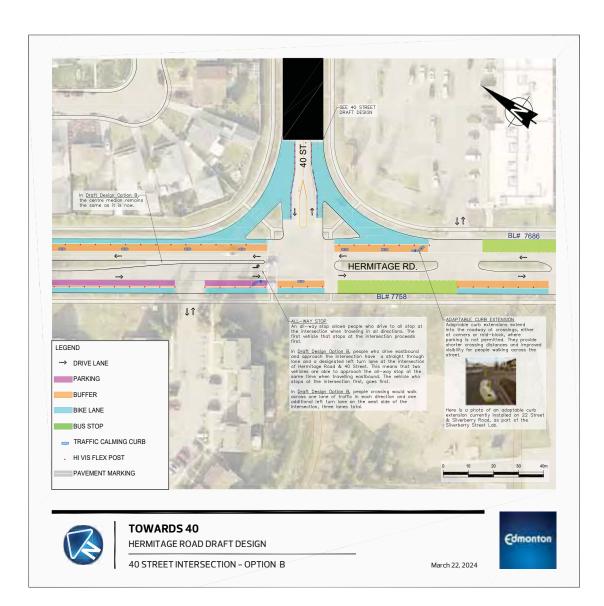
- Currently there is an all-way stop at the intersection with no defined lanes.
- In Draft Design Option B, people who drive eastbound and approach the intersection have a straight through lane and a designated left turn lane at the intersection of Hermitage Road & 40 Street. This means that two vehicles are able to approach the all–way stop at the same time when travelling eastbound. The vehicle who stops at the intersection first, goes first.
- In Draft Design Option B, people crossing would walk across one lane of traffic in each direction and one additional left turn lane on the west side of the intersection, three lanes total.

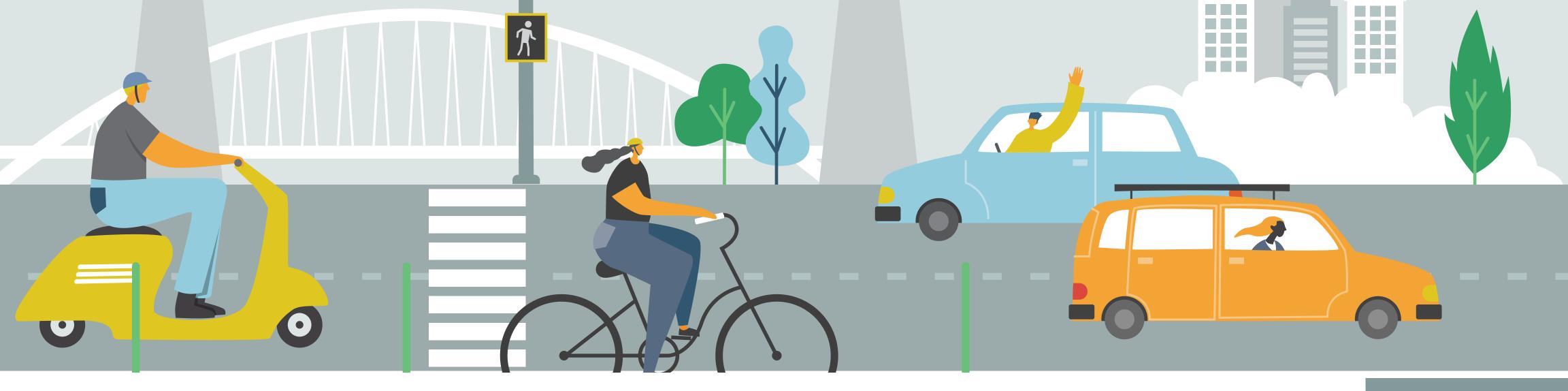
#### **Centre medians.**

In Draft Design Option B, the centre median remains the same as it is now.









# Intersection of Hermitage Road and Victoria Trail Draft Design Features

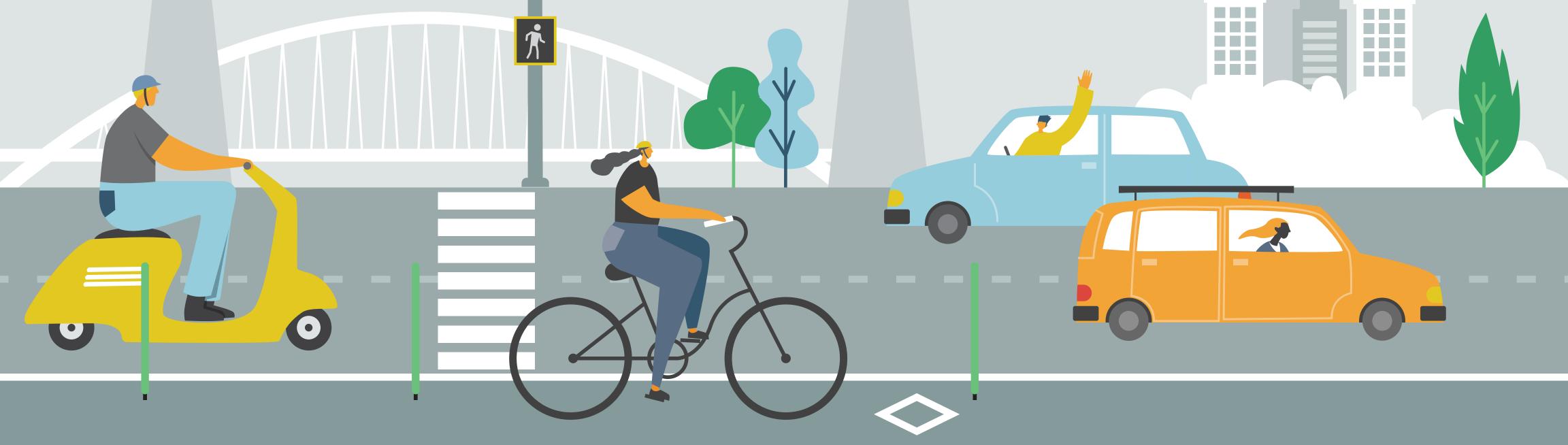
**The Draft Design** includes the following features that improves safety as you walk, bike, roll or drive:

- A designated driving lane in each direction that accommodates all vehicles including emergency vehicles and buses.
- A designated left-turn lane: a left-turn lane at the intersection when travelling eastbound or westbound. People who drive will yield to oncoming traffic and turn left at a green light.
- ▶ A straight-through lane: allows people to travel straight through an intersection.
  - In this draft design, the existing straight through lane is more clearly defined using adaptable measures.
- A channelized right turn lane: allows people who are turning right to use a designated lane.
  - Currently there is a channelized right turn at the intersection when turning onto Victoria Trail from both directions. The channelized right turn would remain similar to what is there today.
  - In this draft design, the right turn bay is more clearly defined using pavement markings and adaptable curbs.
- Slip ramps: allow people who bike to easily travel onto the sidewalk or shared pathway off of the road.
  - These will help people who bike to connect to the north-south shared pathway that currently exists on Victoria Trail and to cross Victoria Trail.
- Adaptable one-way protected bike lanes: a designated space for people to bike. They are located on both sides of the road with a curb providing a physical barrier that separates people who drive and people who bike.
- One-way protected bike lanes along Hermitage Road connect to several existing and future bike routes, both within and outside the neighbourhood and accommodate all ages and abilities.









# Thank You for sharing your feedback!



