



Knox Ave Bikeway Connection | Eastern Ave to Lake Shore Blvd

Public Consultation
February 2022

Project Description and Rationale | Why Now?



- Roadwork is programmed for Knox Avenue between Eastern Avenue and Lake Shore Boulevard in 2022
- City Council directed Transportation Services to take a complete street approach as part of state-of-good-repair roadway reconstruction projects
- Roadwork provides the opportunity to make changes to Knox Avenue that connects the existing multi-use trail on Lake Shore Boulevard to the existing contra-flow bike lane north of Eastern Avenue and improves safety for all road users



Why Consider Change? | Policy and Rationale for Road Safety



Official Plan Goals

Make Toronto a
“walking city”



Road to Health: Healthy Toronto by Design

Increase physical activity to
reduce illness and disease



Vision Zero Road Safety Plan

Prevent fatalities and
serious injuries



TransformTO: Climate Action Strategy

Target 75% of school/work trips
under 5 km are walked, cycled or by
transit by 2030



Complete Streets Guidelines

Create streets for people,
place making
and prosperity



Reduce Reliance on Motor Vehicles

Provide alternatives to
driving and use roadways
more efficiently



Encouraging People of All Ages and Abilities to Ride

Encourage people who are
“interested but concerned” to
ride by creating safe bikeways



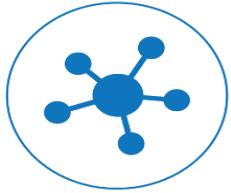
Office of Recovery and Rebuild COVID-19

Adopt healthy, less car-
dependent and connected streets
created during COVID-19

Why Consider Change? | Cycling Network Plan



The Cycling Network Plan was approved by Toronto City Council in 2021 and seeks to build on the existing network of cycling routes with the following goals:



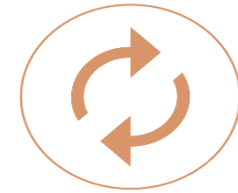
Connect

Connect gaps in the network, and people to places



Grow

Grow the cycling network into new parts of the city



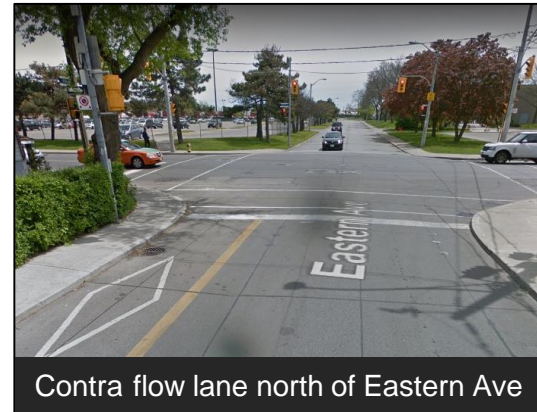
Renew

Renew the existing cycling network routes where there are opportunities to improve quality

Existing Conditions | Eastern Ave to Lake Shore Blvd



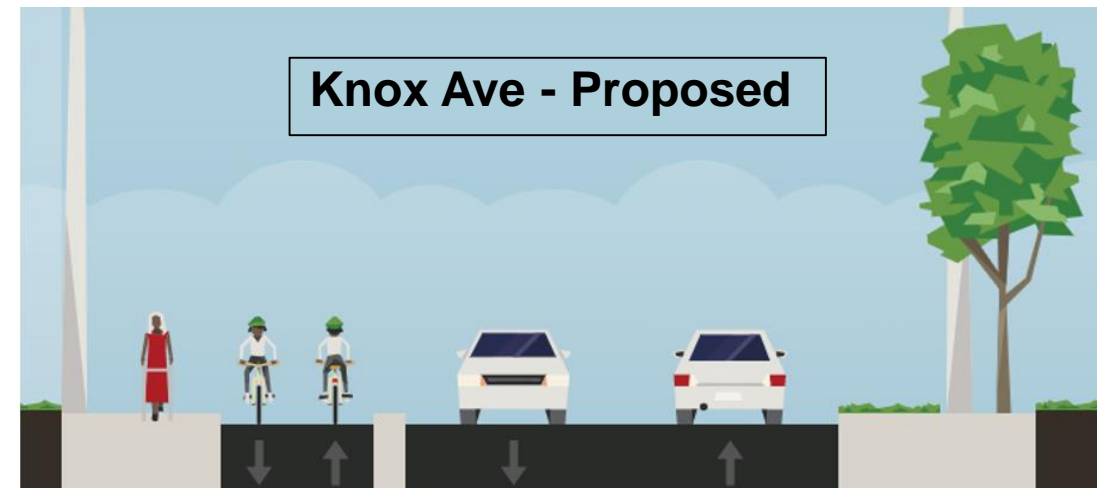
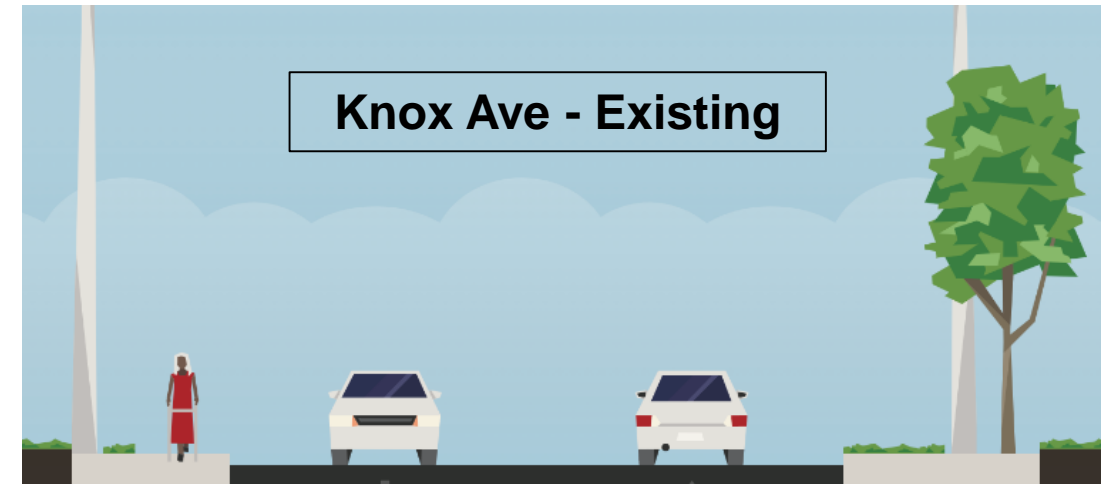
- **Roadway Width:** 9.7 m curb to curb
- **Vehicle Lanes:**
 - One motor vehicle lane in each direction
 - No dedicated turn lanes
- **On-Street Parking:** No parking on both sides
- **Driveways:**
 - East side – Canada Post employee parking and loading bays/service road
 - West side – Toronto Fire and EMS Training Centre
- **Sidewalks:** Sidewalk on west side only
- **Bikeway Connections:**
 - Contra-flow bike lane north of Eastern Ave
 - Path connection to Lake Shore Boulevard trail at the southern terminus of Knox Ave



Proposed Design | Cross-Sections



- Proposed two-way cycle track on the west side to eliminate conflicts at Canada Post driveways and service road
- Cycle tracks are proposed to be physically separated from motor vehicle traffic by a cast-in-place curb/median and at the same level as the street
- The west side sidewalk is proposed to be widened
- New road base and surface for people driving and cycling



Street Level Cycle Tracks | Examples



Wellesley Street two-way
street level cycle track



Cast-in-place curb separation
on Wellesley Street
near Bay Street

Proposed Design | Transition at Eastern Ave



- The two-way cycle track on Knox Avenue south of Eastern Ave will need to transition to one-way bikeways on the north side of Eastern Ave
- A bike crossing on the south side of the intersection will provide a transition for people cycling northbound to cross to the east side of Knox Ave to continue in the contra-flow lane north of Eastern Ave



Example: Wellesley St and Queens Park Cres

Next Steps

Upcoming Dates

- Public Feedback Deadline – February 28, 2022
- Engagement summary posted on project web page – March 14, 2022
- Report to Infrastructure and Environment Committee and City Council – March/April 2022
- Installation – Summer/Fall 2022



CONTACT US

If you have any questions or concerns feel free to contact:

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