

# **Pembina Highway Overpass at Abinojii Mikanah:**

*Rehabilitation and Related Works*

## **Stakeholder Outreach**

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*October 2024*



# Agenda

## 1. Project background

- Project area and scope
- Definitions

## 2. Design overview

- Bridge and road rehabilitation
- New road alignment and Transit changes
- Pedestrian and cycling improvements

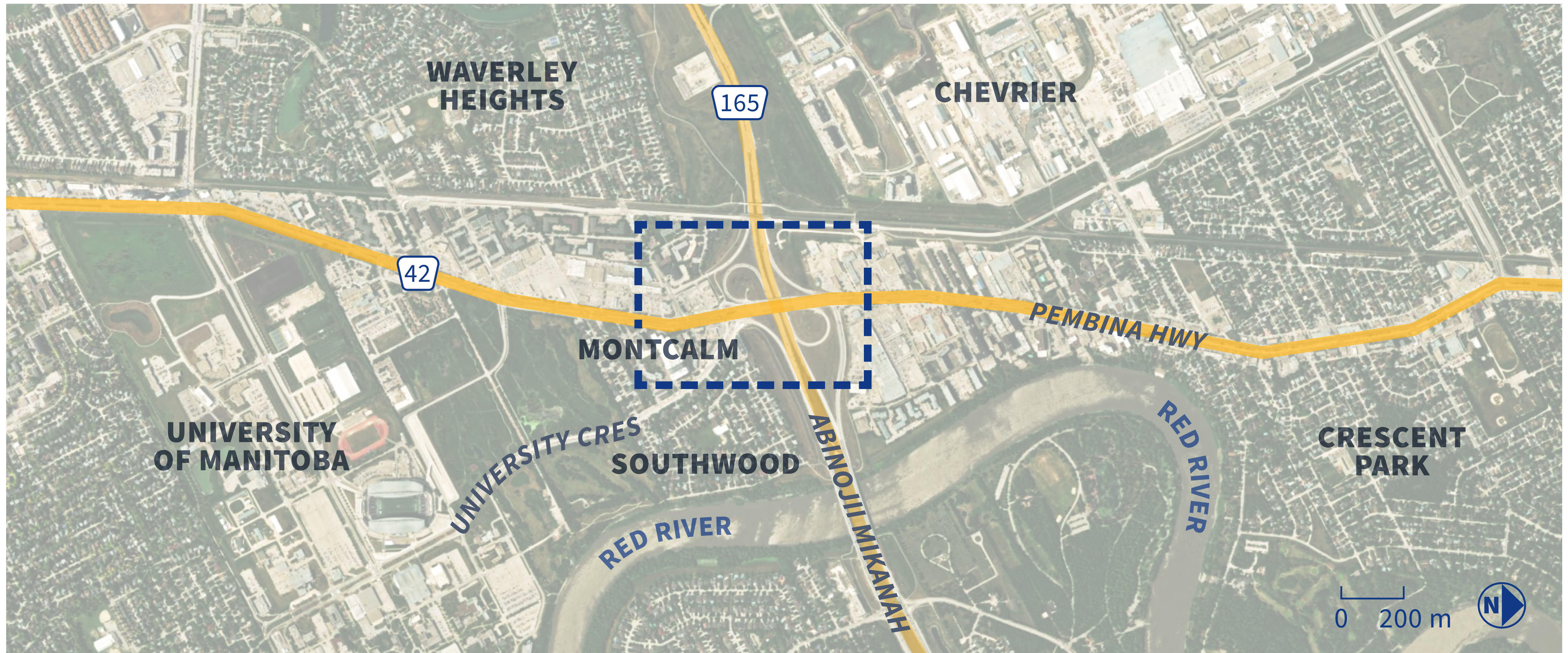
## 3. Next steps

## 4. Discussion

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# Project background

# Surrounding neighbourhoods



# Project area



# Project timeline

## DESIGN

**1**  
Assessment of existing conditions  
Oct - Dec 2023

**2**  
Preliminary & detailed design  
Jan 2024 - Jan 2025

Stakeholder outreach  
October 2024

**\* WE ARE HERE \***

## CONSTRUCTION (2025 - 2026)

**3**  
Pembina Highway construction: southbound lanes  
2025

**4**  
All lanes open during winter  
*(including the Grey Cup)*  
2025-2026

**5**  
Pembina Highway construction: northbound lanes  
2026

# What is major rehabilitation?

## We consider work major rehabilitation when:

- The pavement is in fair to poor condition
- Concrete repairs and asphalt resurfacing are required on 25-40 percent of the roadway

## Involves:

- Extensive curb renewal
- Sidewalk work
- Minimal work on private approaches
- Minimal boulevard work

In addition to major rehabilitation work, construction will include mill and fill of pavement and widening where required.

- Major rehabilitation**
- Minor rehabilitation**
- New construction**

Source of info: <https://legacy.winnipeg.ca/publicworks/construction/roadway/roadRenewalDefinitions.stm>

# Why is this project needed?

**1. To increase the lifespan** of the bridge, roads, and ramps.



**2. To improve traffic flow and safety.**

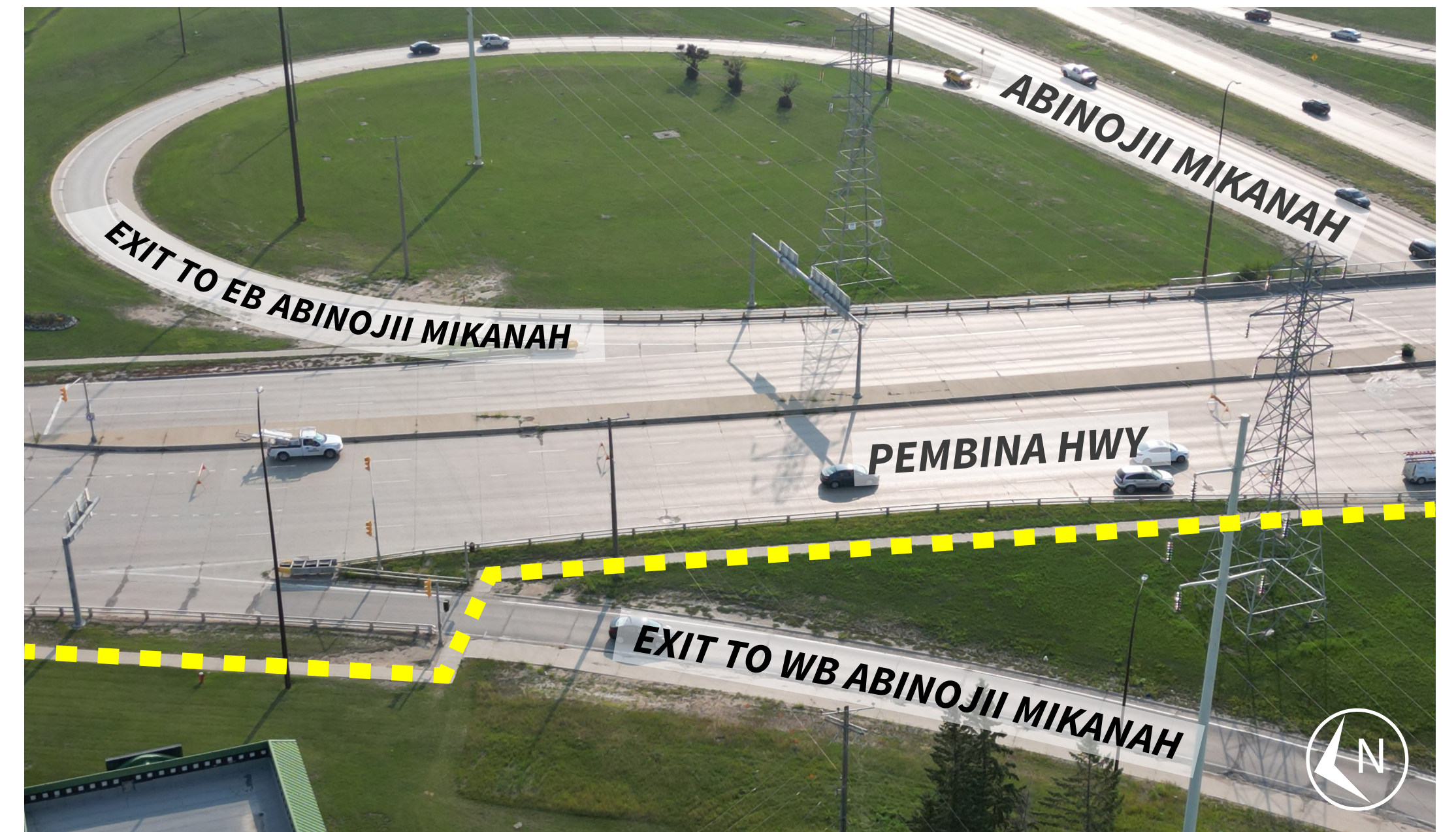




# Why is this project needed?

**3. To improve access to Transit** in the project area.

**4. To close gaps in the pedestrian and cycling network.**



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# Outreach

# Where you come in



## We are meeting with stakeholders to ensure you:

- Understand the project and design
- Have a chance to ask questions
- Can share with us how the design would impact access to your property

# Where you come in



## Please consider:

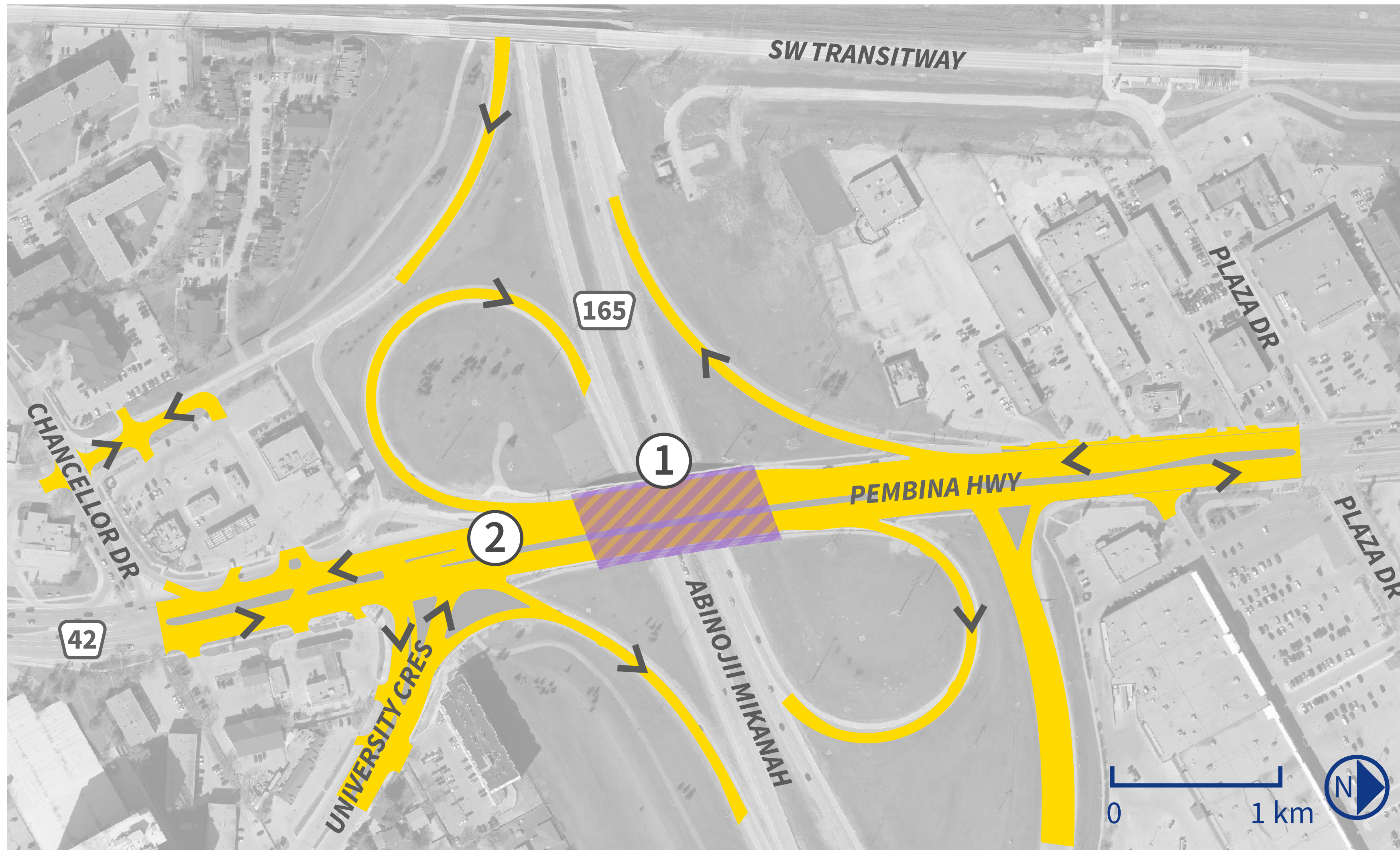
- Would this design make it more difficult to access your property?
- What could we change to make things easier for you and your visitors?

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# Design overview

- Bridge and road rehabilitation
- New road alignment and Transit changes
- Pedestrian and cycling improvements

# Bridge and road rehabilitation



## Rehabilitation

 Bridge

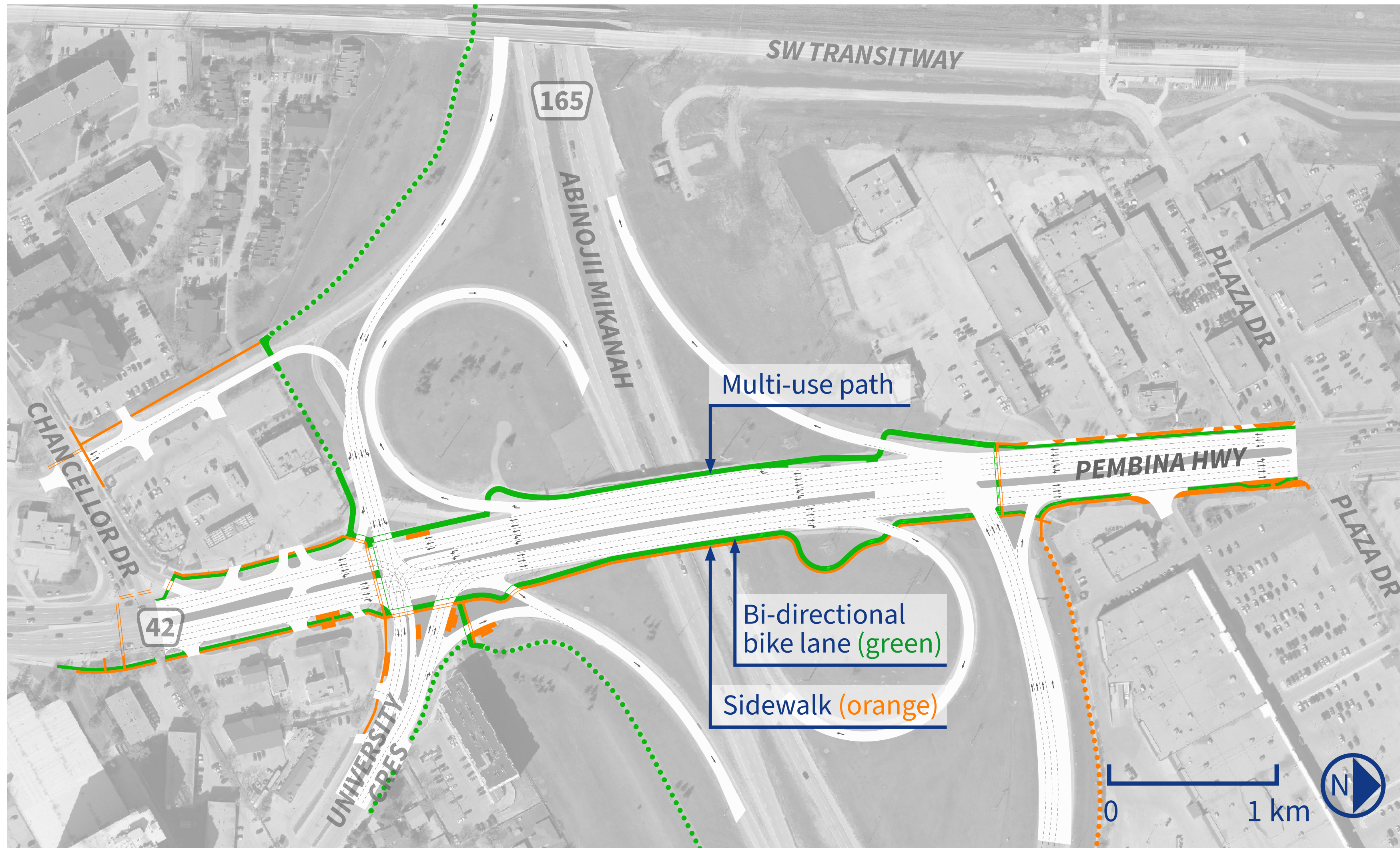
 Road

① We will rehabilitate the bridge over Abinojii Mikanah to extend its service life.

② We will mill and fill the roads to rehabilitate them.

 Direction of traffic flow

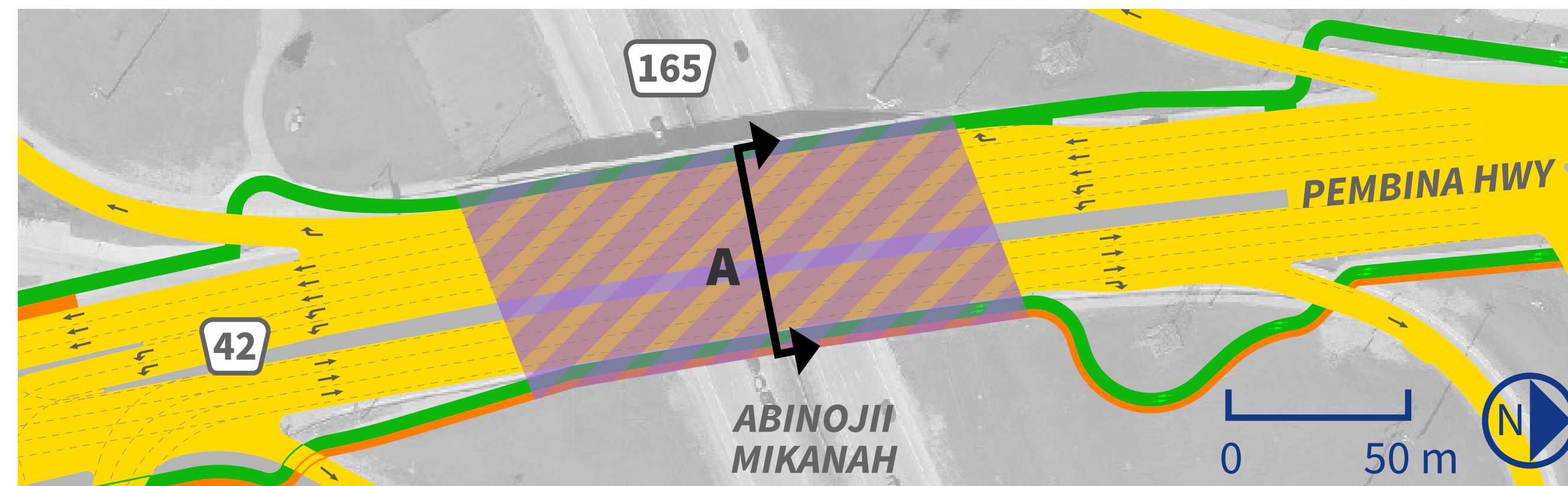
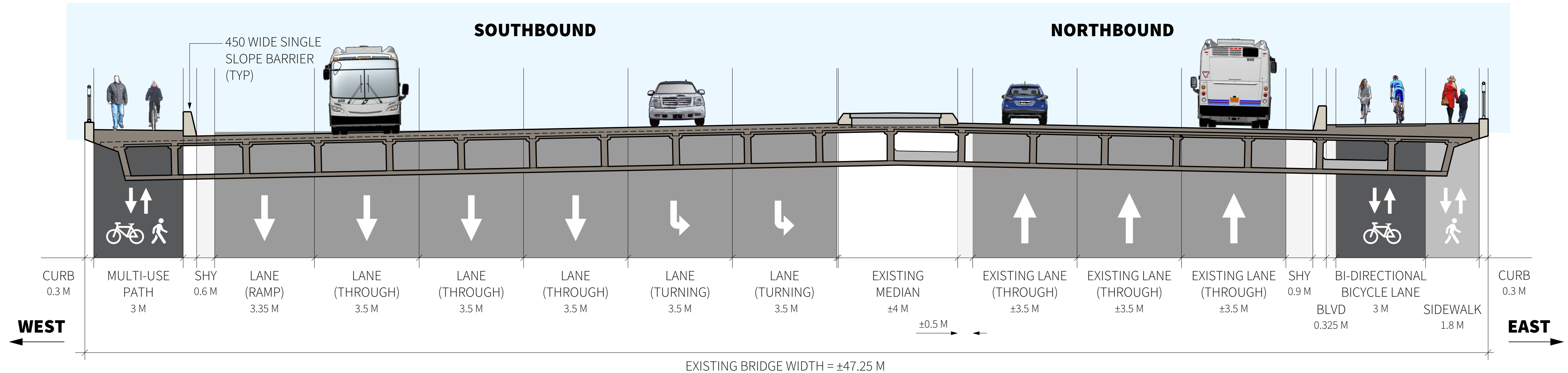
# Pedestrian and cycling improvements



- Existing sidewalks
- Improved sidewalks
- Existing paths
- Improved multi-use paths and bi-directional bicycle lanes
- Crossings

# Pembina Highway bridge

**A:** Proposed cross section at centre pier

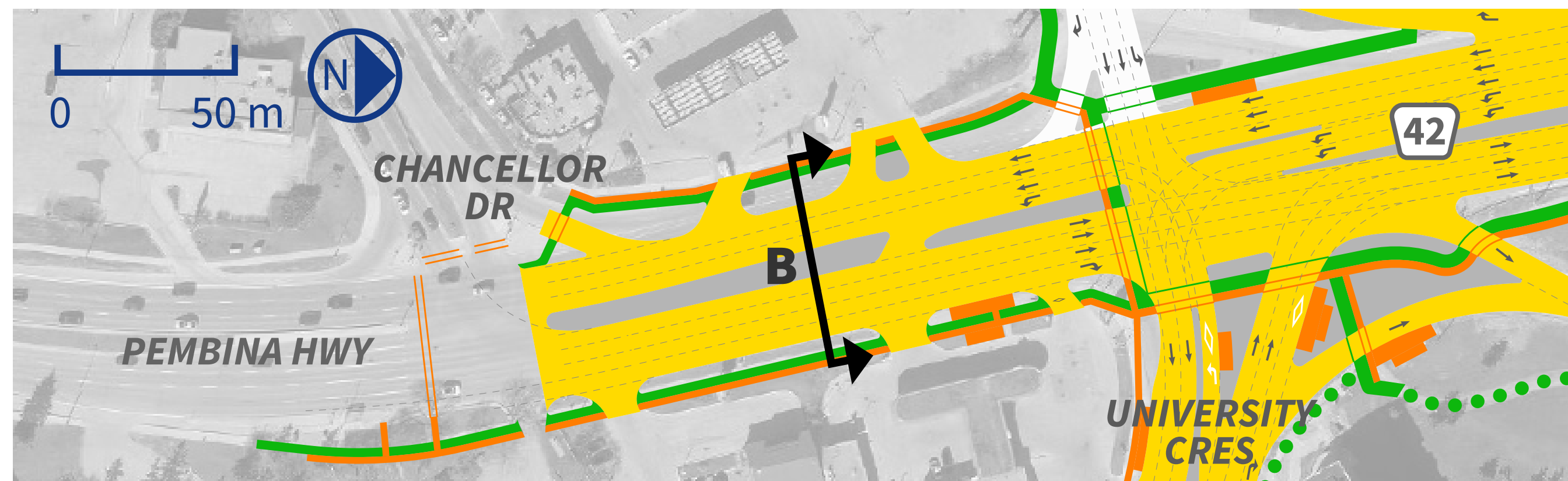
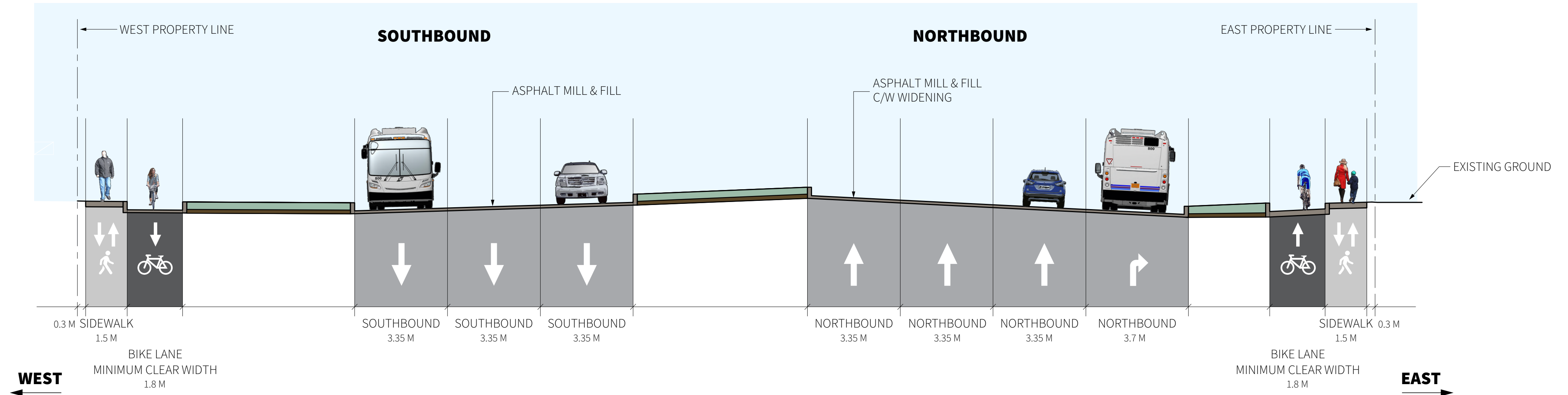


- █ Improved sidewalks
- █ Improved multi-use paths and bi-directional bicycle lanes
- ▨ Bridge
- █ Road



# Pembina Highway

**B:** Proposed Cross Section at Pembina Highway, south of Abinojii Mikanah



- Improved sidewalks
- Existing paths
- Improved multi-use paths and bi-directional bicycle lanes
- Road

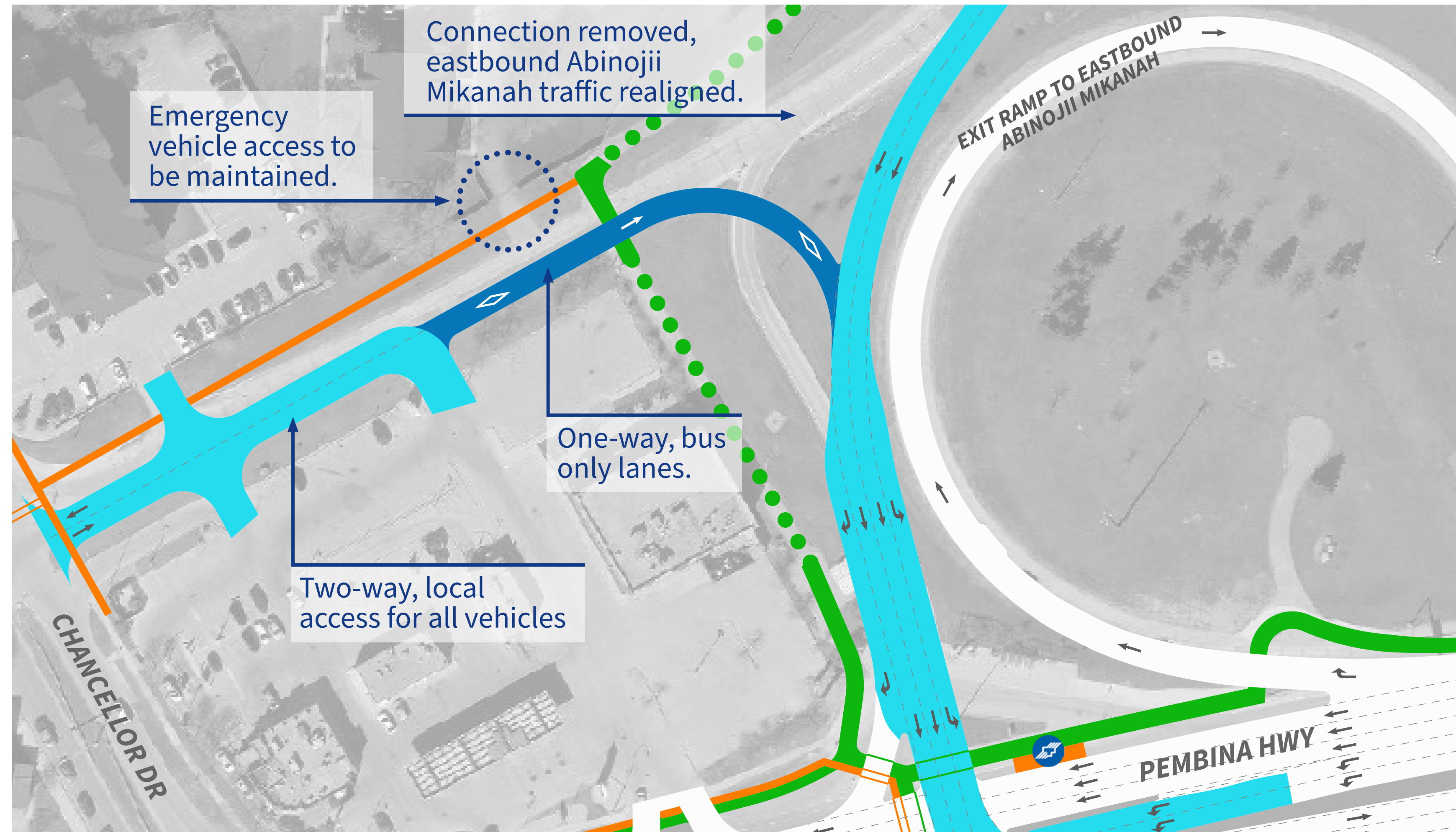
# Road realignment



## Realigned roads

- 1** We will realign this section of road for two-way traffic access into the McDonald's and Esso parking lot. It will not connect to traffic exiting from Abinojii Mikanah.
- 2** The eastbound Abinojii Mikanah traffic will no longer flow through this intersection.
- 3** We will realign the intersection of University Crescent at Pembina Highway will be realigned to better accommodate vehicles and Transit. This includes a direct connection to traffic entering from eastbound Abinojii Mikanah.

# Road realignment and Transit changes - details



## Rehabilitation

□ Road

## New road alignment

■ All traffic

■ Transit only

## Pedestrian & cycling

■ Improved sidewalks

●●● Existing paths

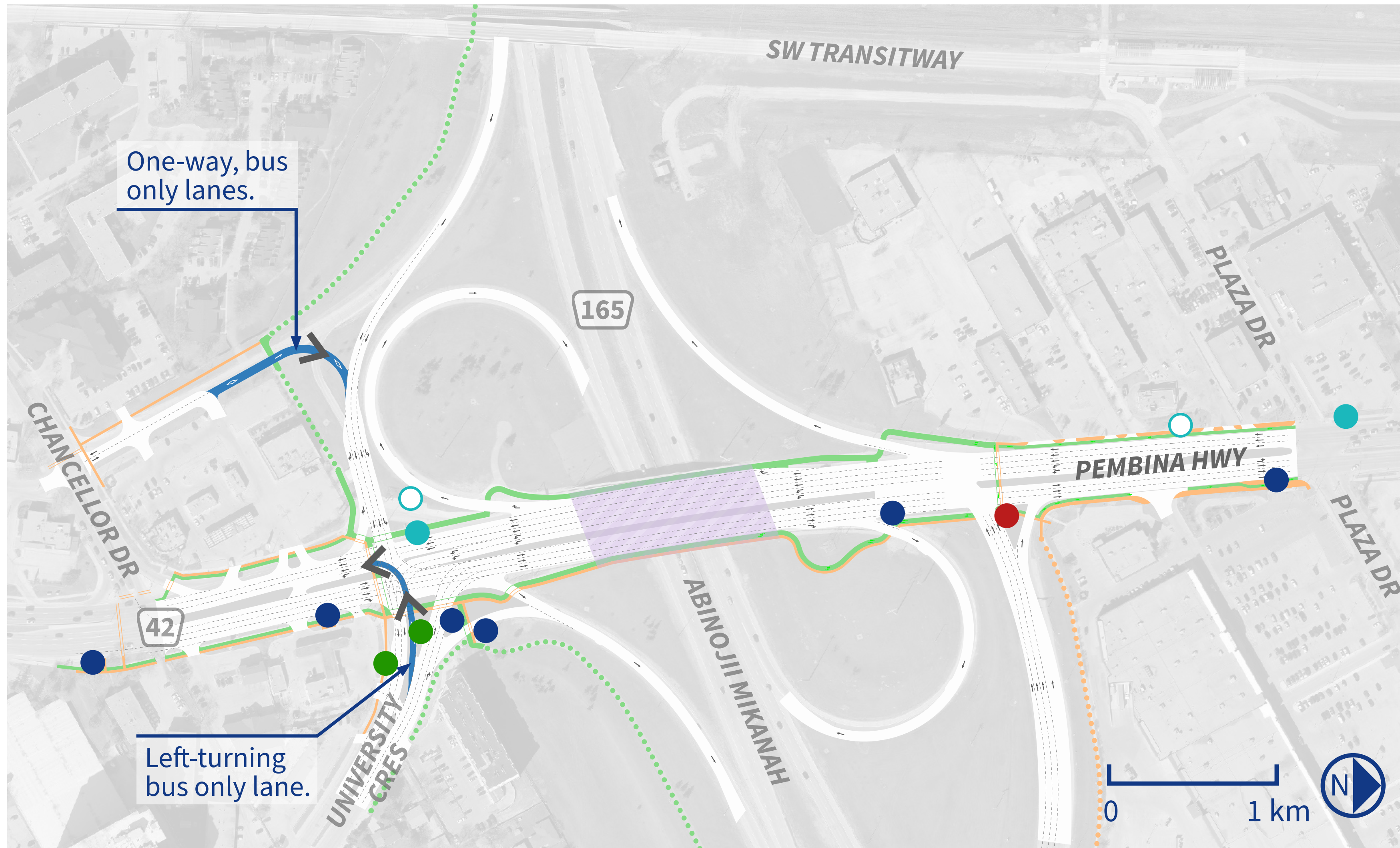
■ Improved multi-use paths and bi-directional bicycle lanes

— Crossings

⊙ Transit stop



# Transit changes



## Lanes

— Transit only

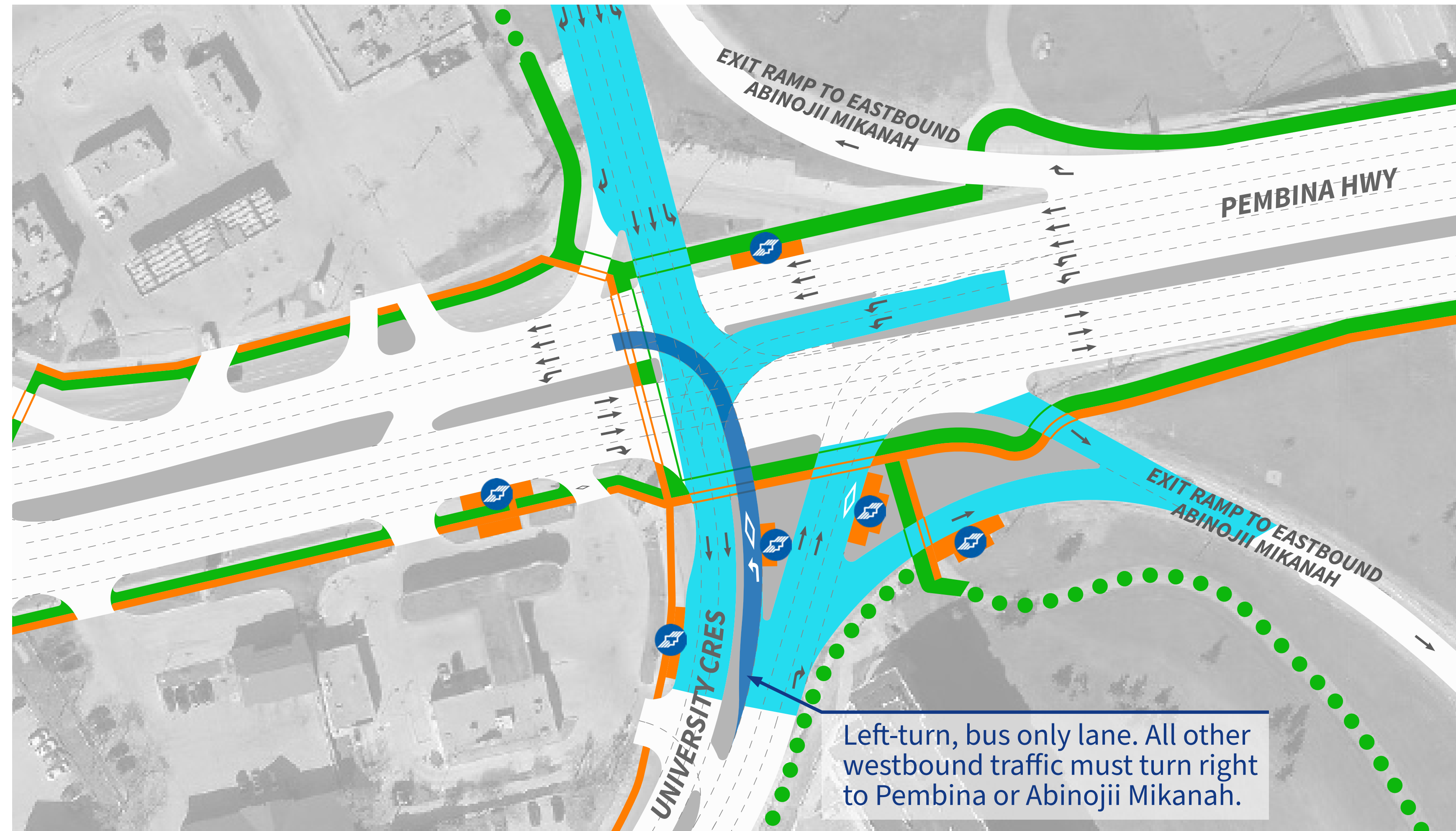
## Transit stops

Transit stops and movement will be updated to align with the Transit Master Plan, which will be rolled out in 2025.

- Existing to remain
- New
- Relocated (former location)
- Relocated (new location)
- Removed

➤ Direction of Transit flow

# Road realignment and Transit changes - details



## Rehabilitation

□ Road

## New road alignment

■ All traffic

■ Transit only

## Pedestrian & cycling

■ Improved sidewalks

●●●● Existing paths

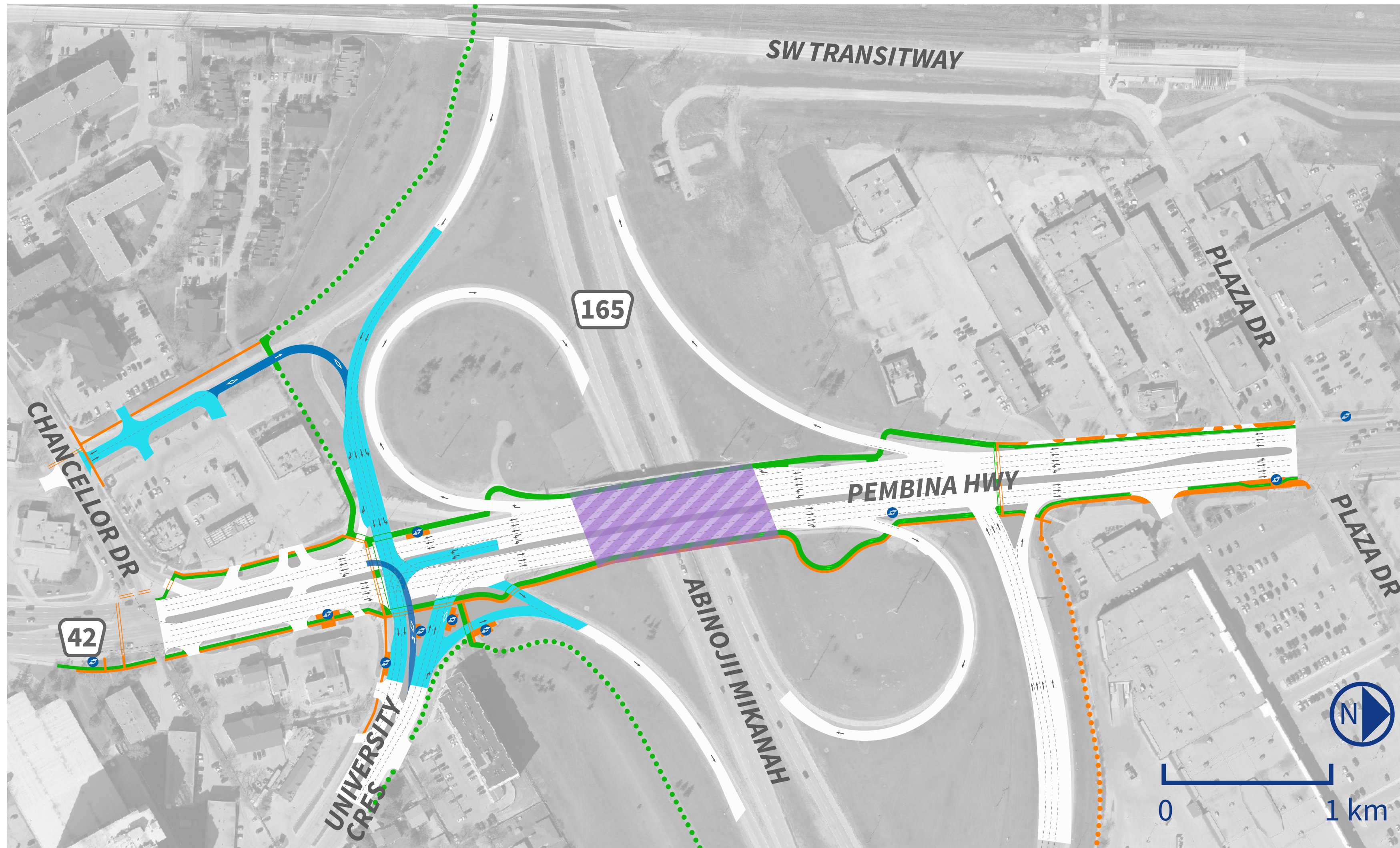
■ Improved multi-use paths and bi-directional bicycle lanes

— Crossings

⊙ Transit stop



# All improvements



## Rehabilitation

 Bridge

 Road

## New road alignment

 All traffic

 Transit only

## Pedestrian & cycling

 Existing sidewalks

 Improved sidewalks

 Existing paths

 Improved multi-use paths and bi-directional bicycle lanes

 Crossings

 Transit stop

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# Next steps

# Construction staging

We recognize our work here will affect traffic flow and access.

## **During construction, we will:**

- Maintain two lanes of traffic in each direction of Pembina Highway and one southbound left turn to University Crescent at all times
- Work only on southbound lanes in 2025
- Work only on northbound lanes in 2026
- Remove all lane closures through the winter, including the Grey Cup



# Concurrent projects

**This project will be coordinated with two significant ongoing street renewal projects that will continue until 2025:**

- The University Crescent Street Renewal Project
- The Abinojii Mikanah Street Renewal Project

# Concurrent projects

## **The University Crescent Street Renewal Project will include:**

- Land drainage sewer installation from Sifton Road to Thatcher Drive in 2024
- Reconstruction of the northbound roadway from Sifton Road to Thatcher Drive in 2025
- Reconstruction of the southbound roadway from Sifton Road to Markham Road in 2025

## **The Abinojii Mikanah Street Renewal Project will involve:**

- Roadworks from River Road to St. Anne's Road
- Construction of eastbound roadway construction in 2024
- Construction of the Intersections and westbound roadway in 2025

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# Let's discuss!

Thank you for joining and contributing to today's meeting.  
We appreciate your participation.