

Pembina Highway Overpass at Abinojii Mikanah:

Rehabilitation and Related Works

Stakeholder Outreach

October 2024



Agenda

1. Project background

- Project area and scope
- Definitions

2. Design overview

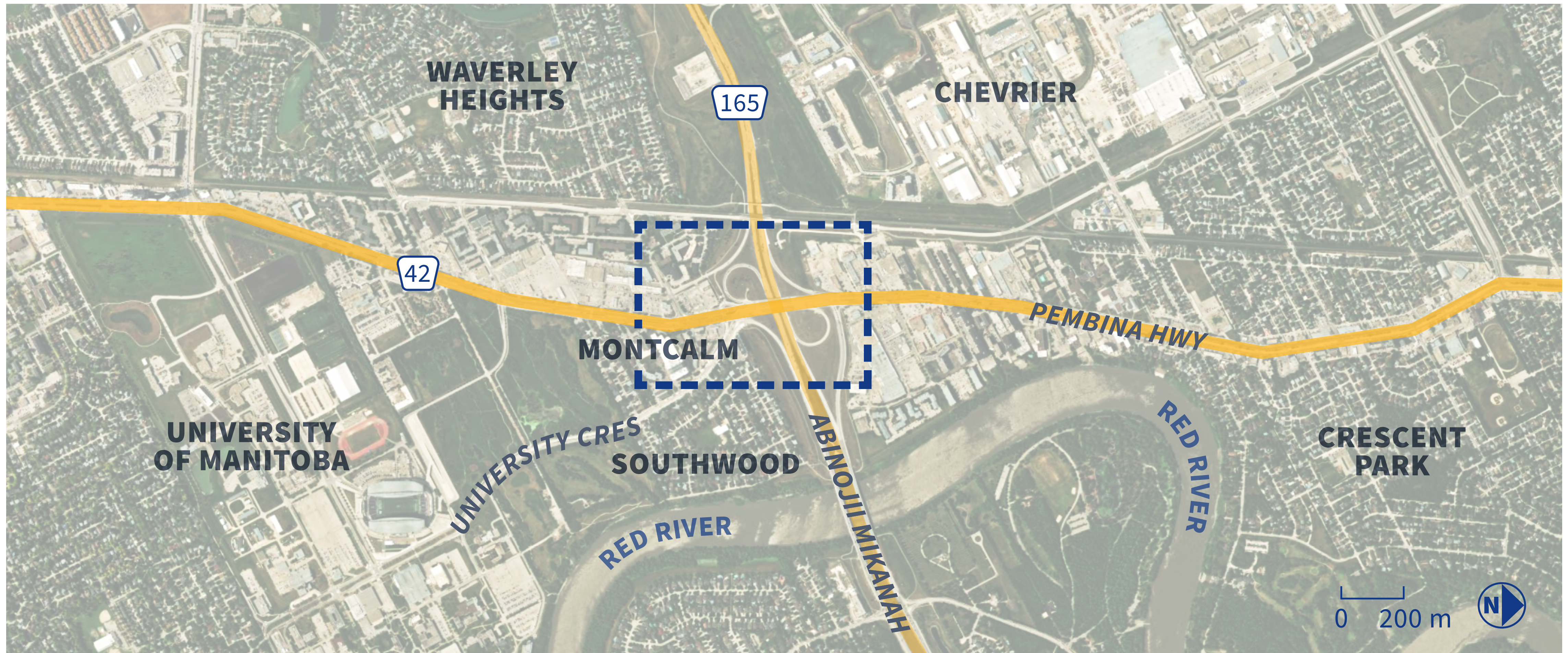
- Bridge and road rehabilitation
- New road alignment and Transit changes
- Pedestrian and cycling improvements

3. Next steps

4. Discussion

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.

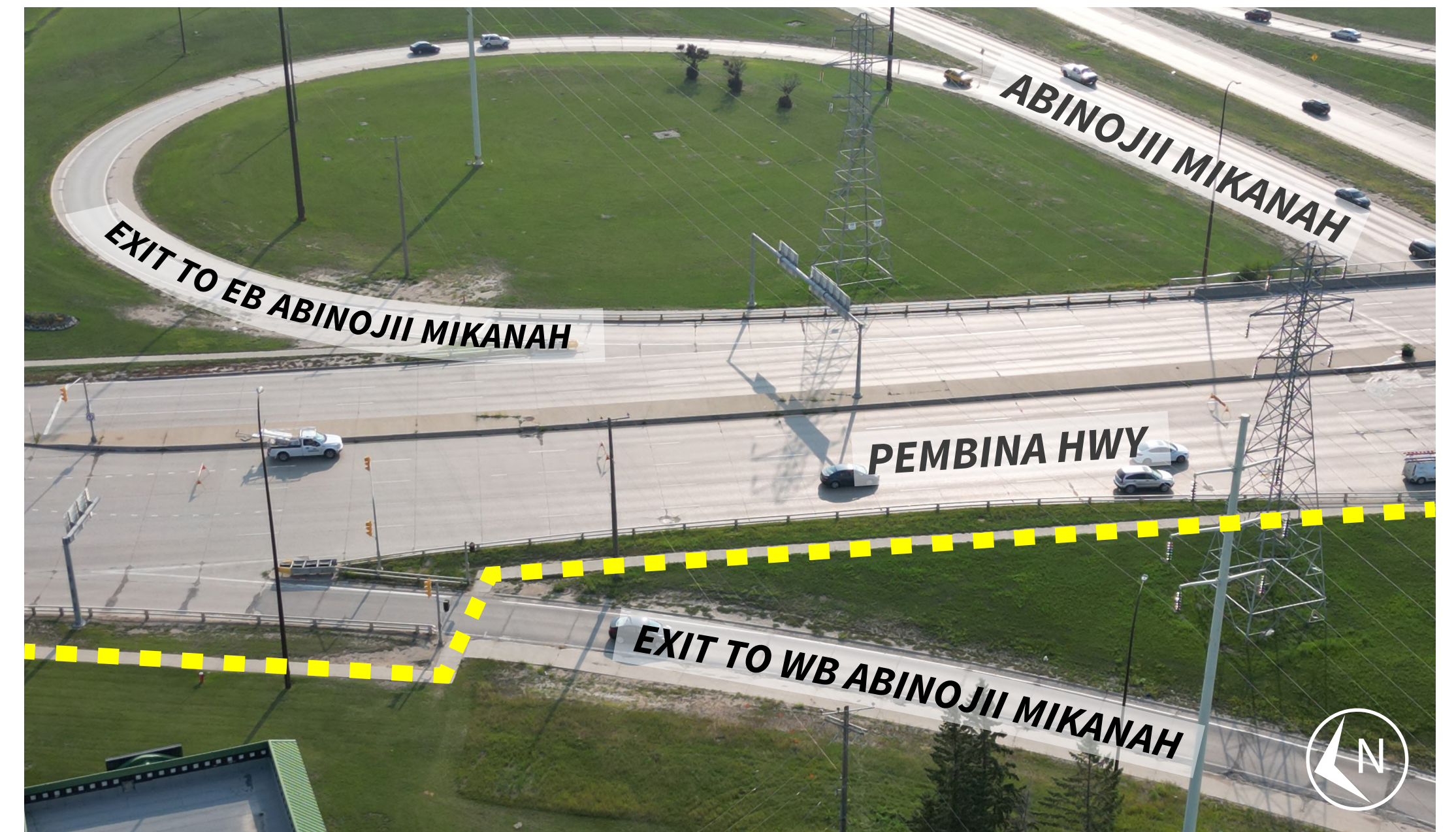
2. To improve traffic flow and safety.



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.



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



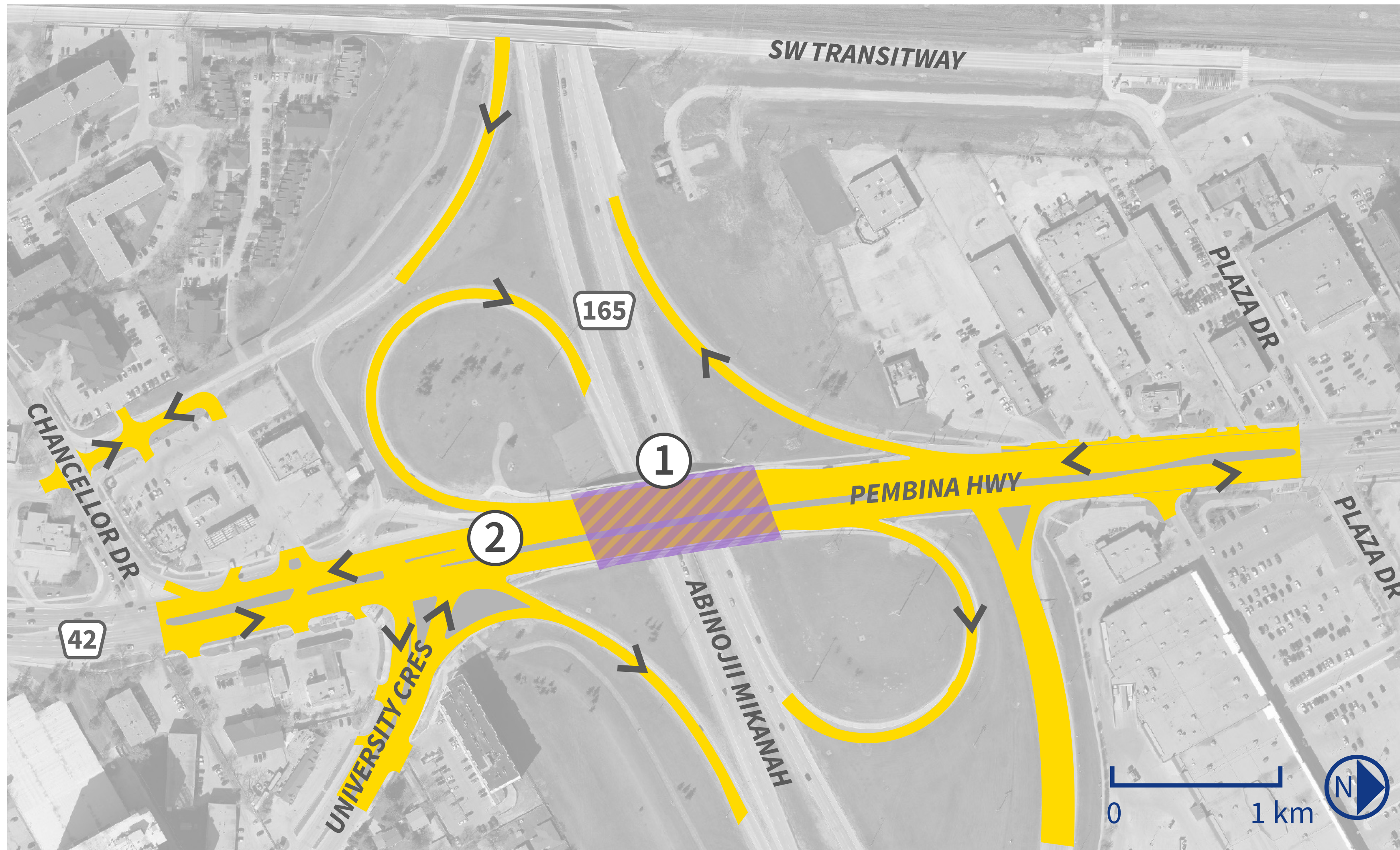
Please consider:

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

Design overview

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

Bridge and road rehabilitation



Rehabilitation

 Bridge

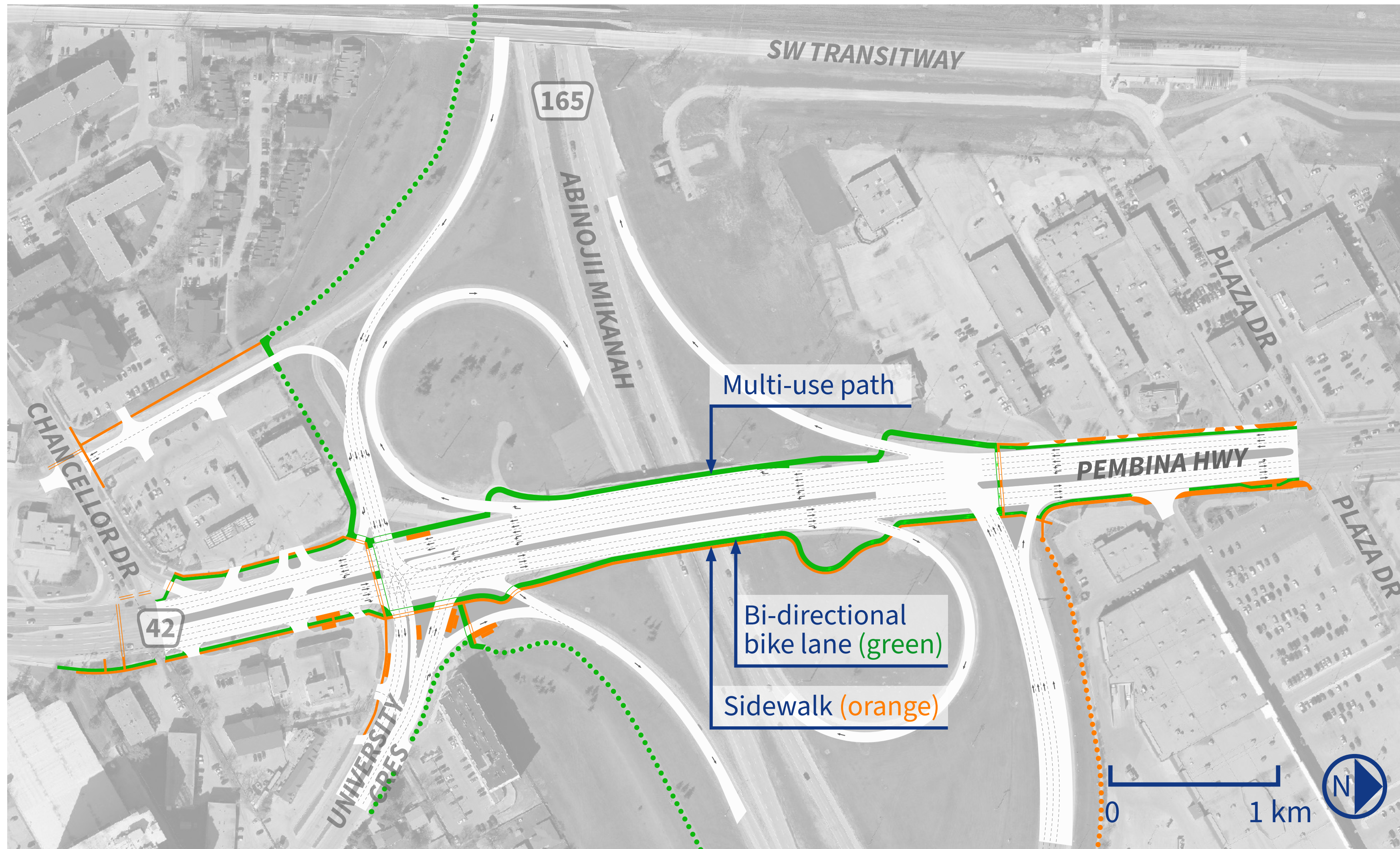
 Road

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*

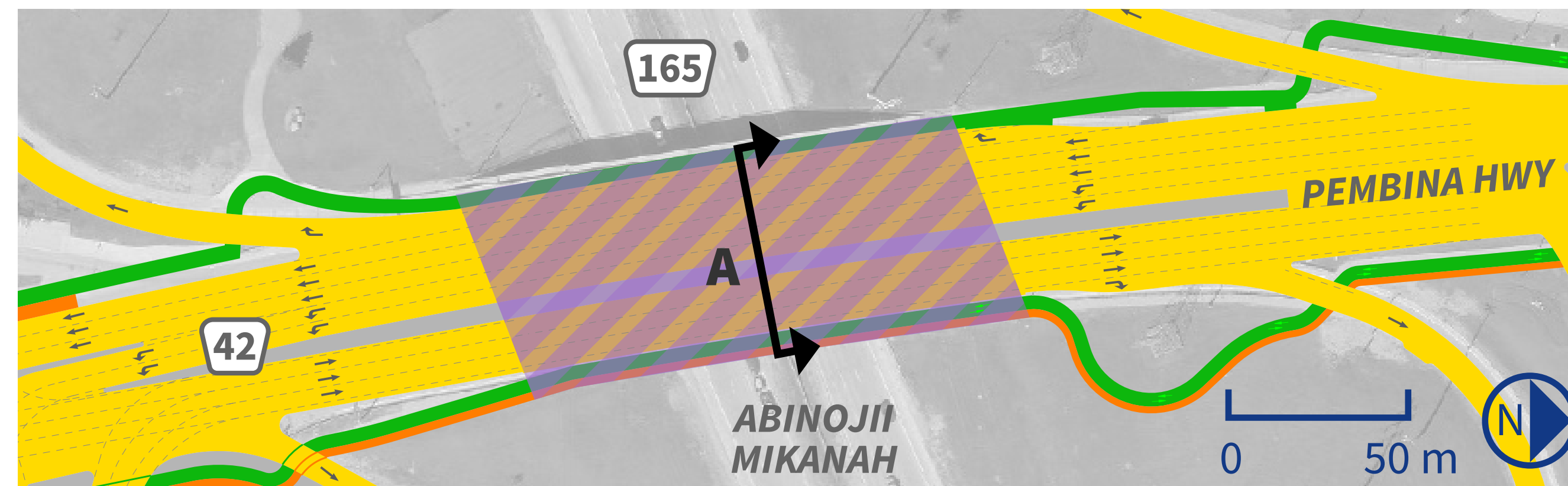
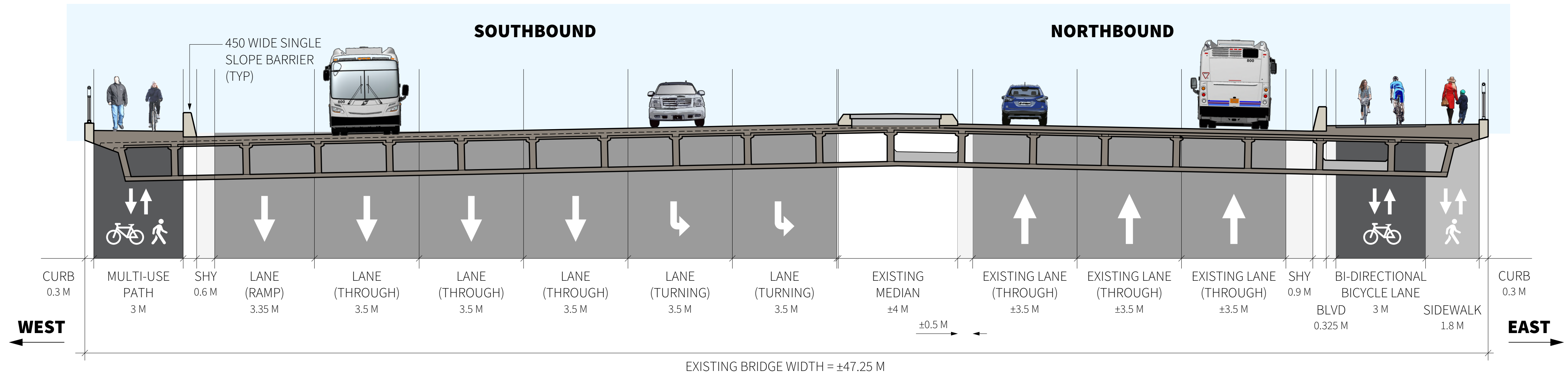
Pedestrian and cycling improvements



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

Pembina Highway bridge

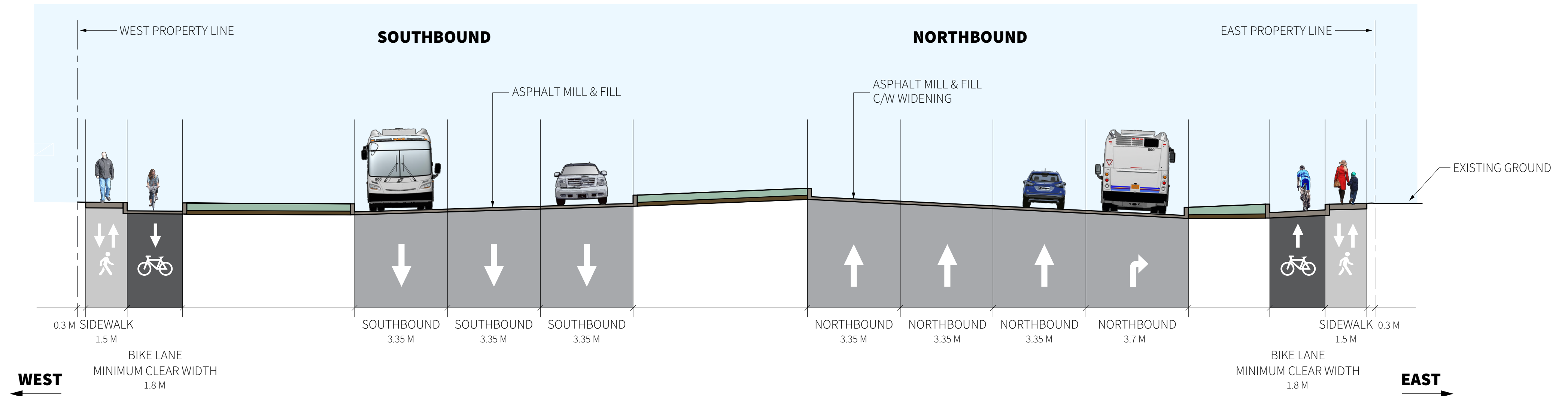
A: Proposed cross section at centre pier



- █ 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



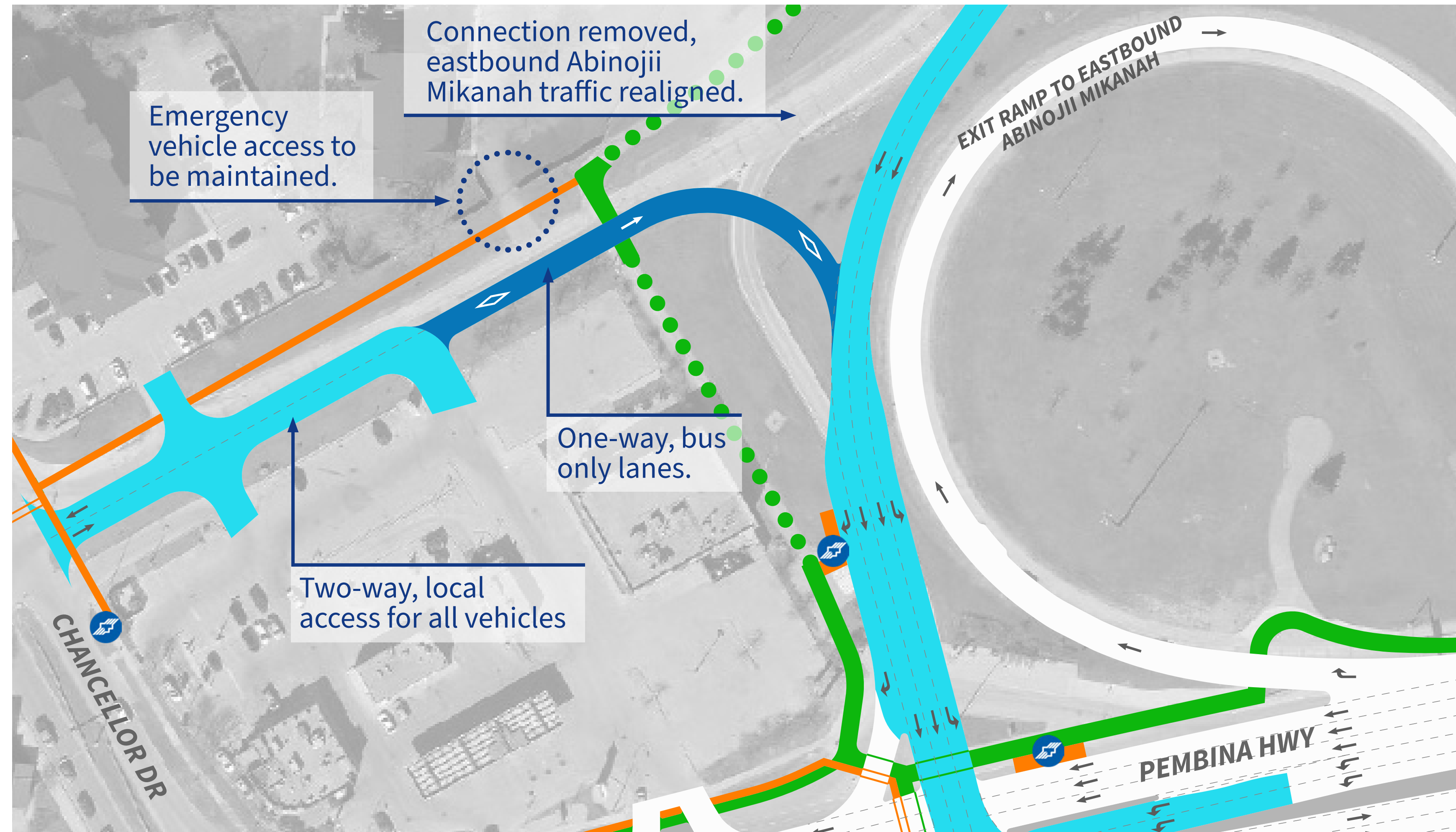
- ▬ Improved sidewalks
- ⋯ Existing paths
- ▬ Improved multi-use paths and bi-directional bicycle lanes
- ▬ Road

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

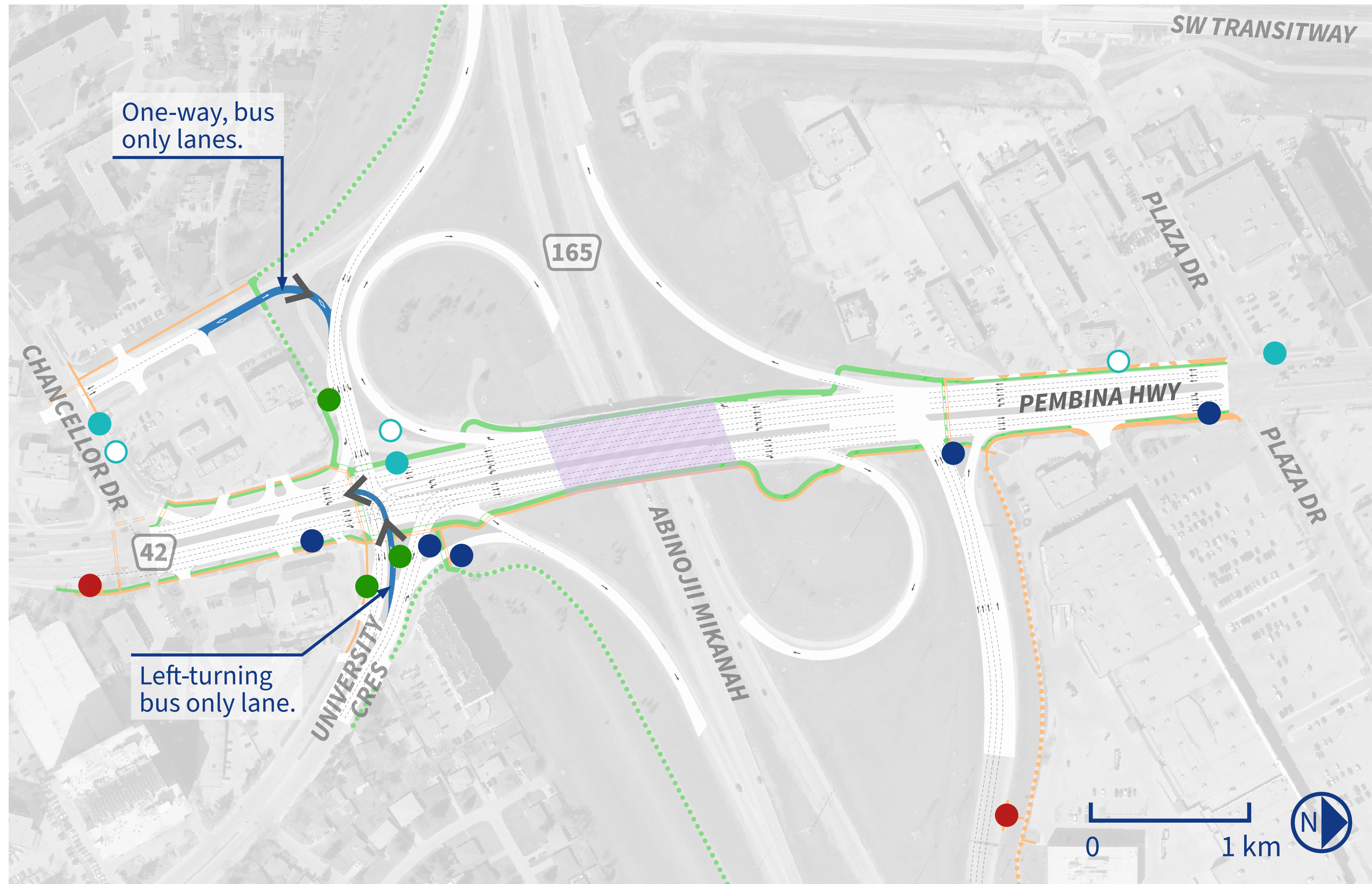
■ Improved multi-use paths and bi-directional bicycle lanes

— Crossings

● Transit stop



Transit changes



Lanes

— Transit only

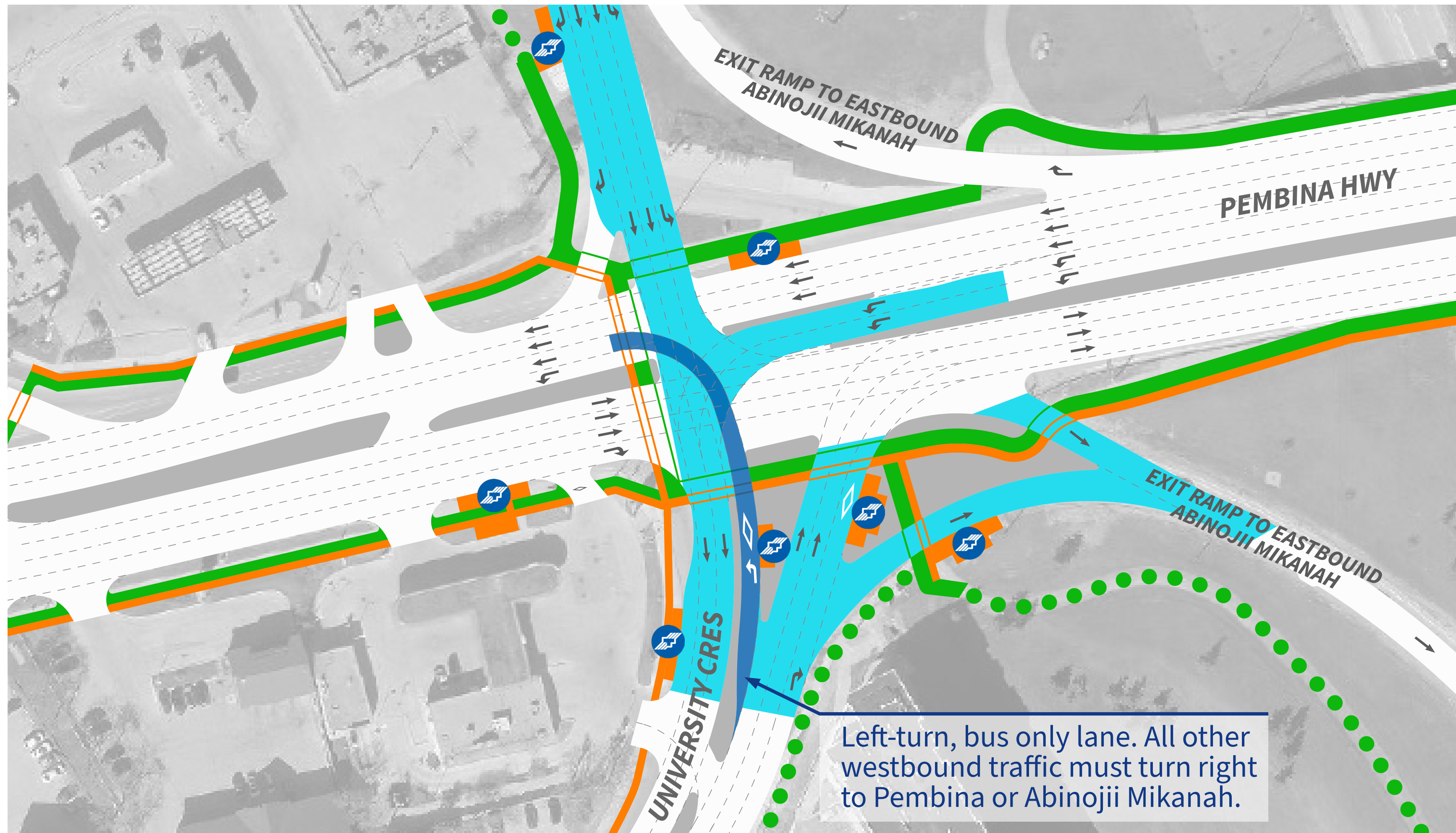
Transit stops

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

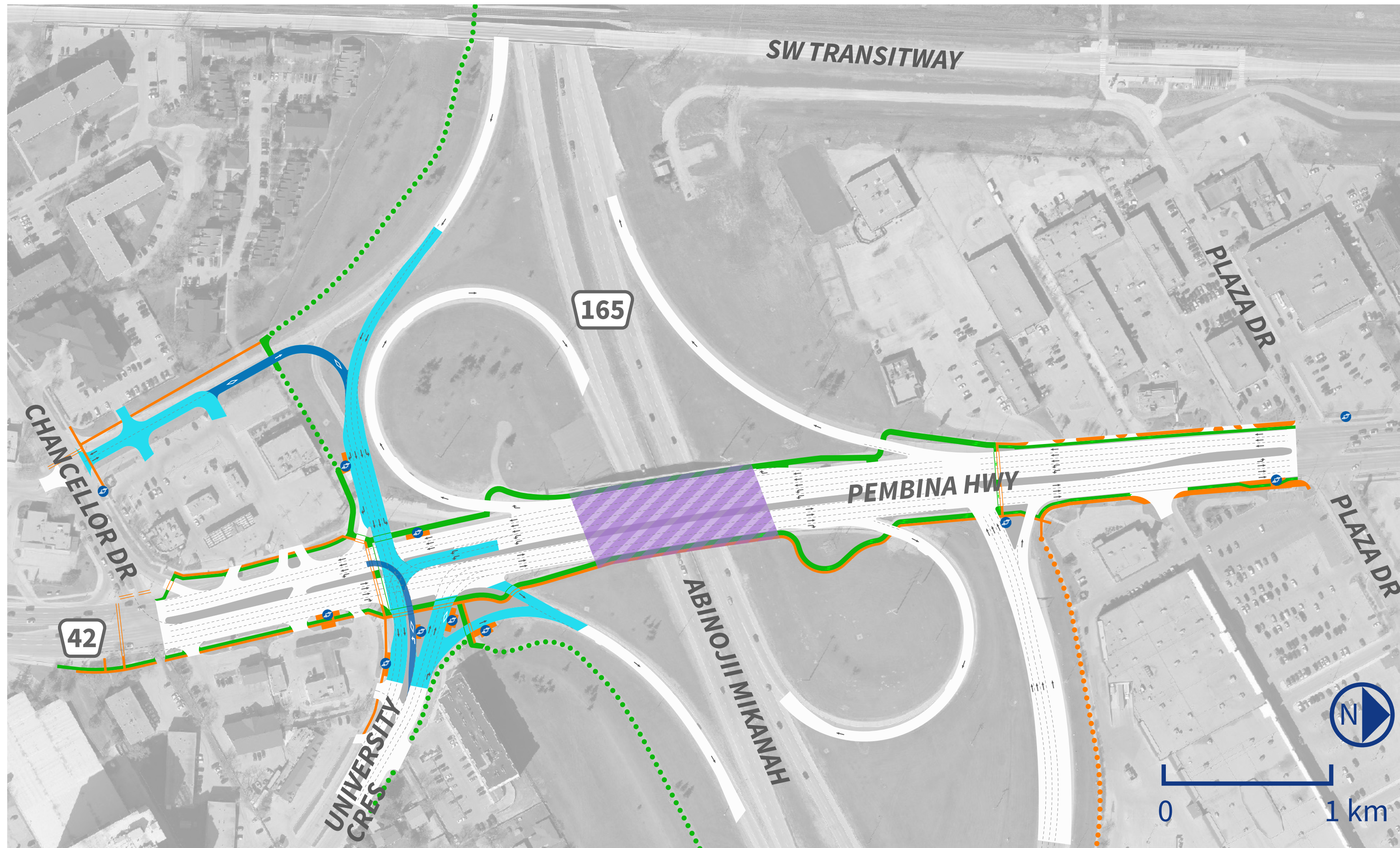
■ Improved multi-use paths and bi-directional bicycle lanes

— 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

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

Let's discuss!

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