

# St. Vital Bridge Rehabilitation Stakeholder Engagement

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*January 2023*



Canoe Club Golf Course

# Agenda

## **Project background & update**

- Project area & timeline
- What we heard during stakeholder engagement
- Public Art Working Group

## **Design overview**

- Bridge design
- Roadway design
- Pedestrian and cycling network

## **Next steps**

## **Questions**

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# Project background & update

# Project area and scope

- Road resurfacing
- Transit improvements at Fermor Avenue

- Twin bridge rehabilitation
- Widen bridge deck to accommodate active transportation
- Road renewal
- Modification of access roads to Kingston Row
- Tunnel rehabilitation
- Relocation of transit stops and facility upgrades
- Pedestrian/cycling facility improvements

- Road resurfacing
- Sidewalk repairs as needed
- Detectable warning tiles at pedestrian crossings and ADA banding for delineation



# Project timeline

## Preliminary Design



## Detailed Design



\* Road and bridges to be complete Fall 2024.  
Landscape work to be complete by June 2025.

# What we heard during Stakeholder Engagement

Cyclists want unimpeded and free-flowing movement

Concerns remain about removing acceleration and deceleration lanes

There should be a forested gateway on the south side of the bridge

River access should be available across all seasons

There is support for reduced speed on Dunkirk Drive

Snow storage should be integrated into the new design

Cyclists and pedestrians should be separated from motor vehicles

Concerns remain about increasing walking distance to bus stop (especially for residents of the 55+ condo building)

Pedestrian / cycling crossings of roadways should be as far from Dunkirk Dr as possible

# Public art stakeholder working group

- Formed with the Winnipeg Arts Council in May 2022 to discuss public art and provide recommendations for the St. Vital Bridge project.
- Developed 9 principles to guide future public art at the bridge.
- Brainstormed key themes and stories that public art could represent in this area.
- Ranked five of the key themes based on how they aligned with the nine guiding principles.
- The City and the Winnipeg Arts Council are working together towards next steps.



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# Design overview

- Bridge design
- Roadway design
- Pedestrian and cycling network

# Planned bridge design

Bridge rehabilitation will extend the service life for 50 years and improve active transportation connections.

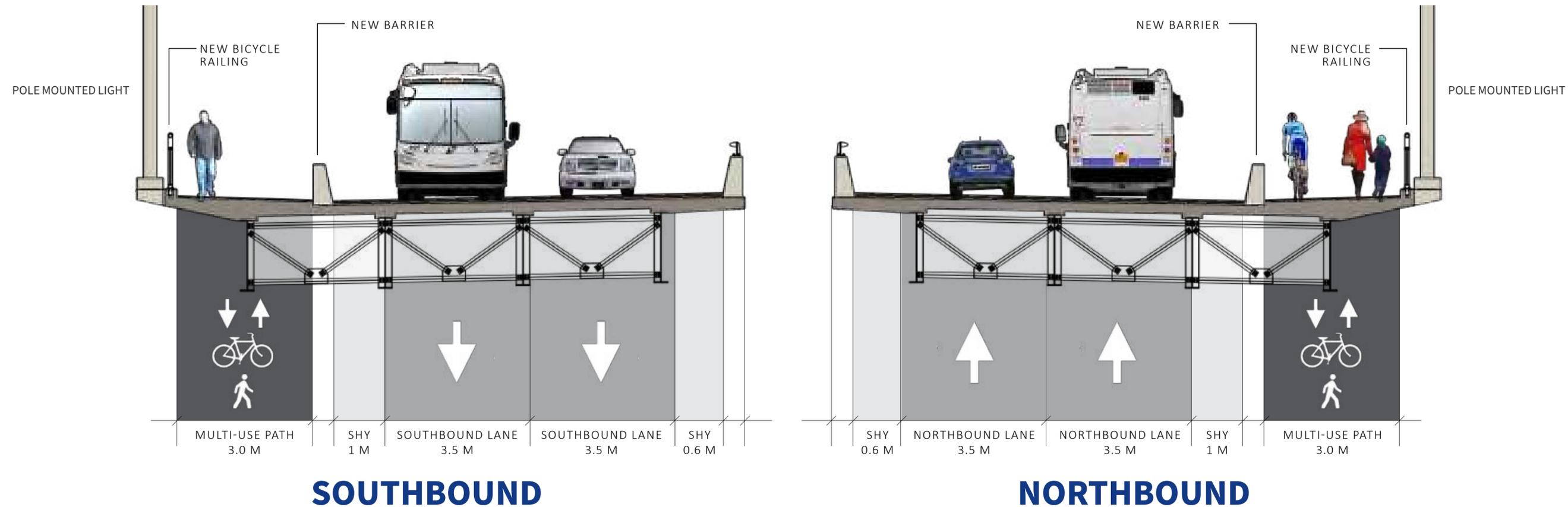
Replace concrete bridge deck

Strengthen steel girders

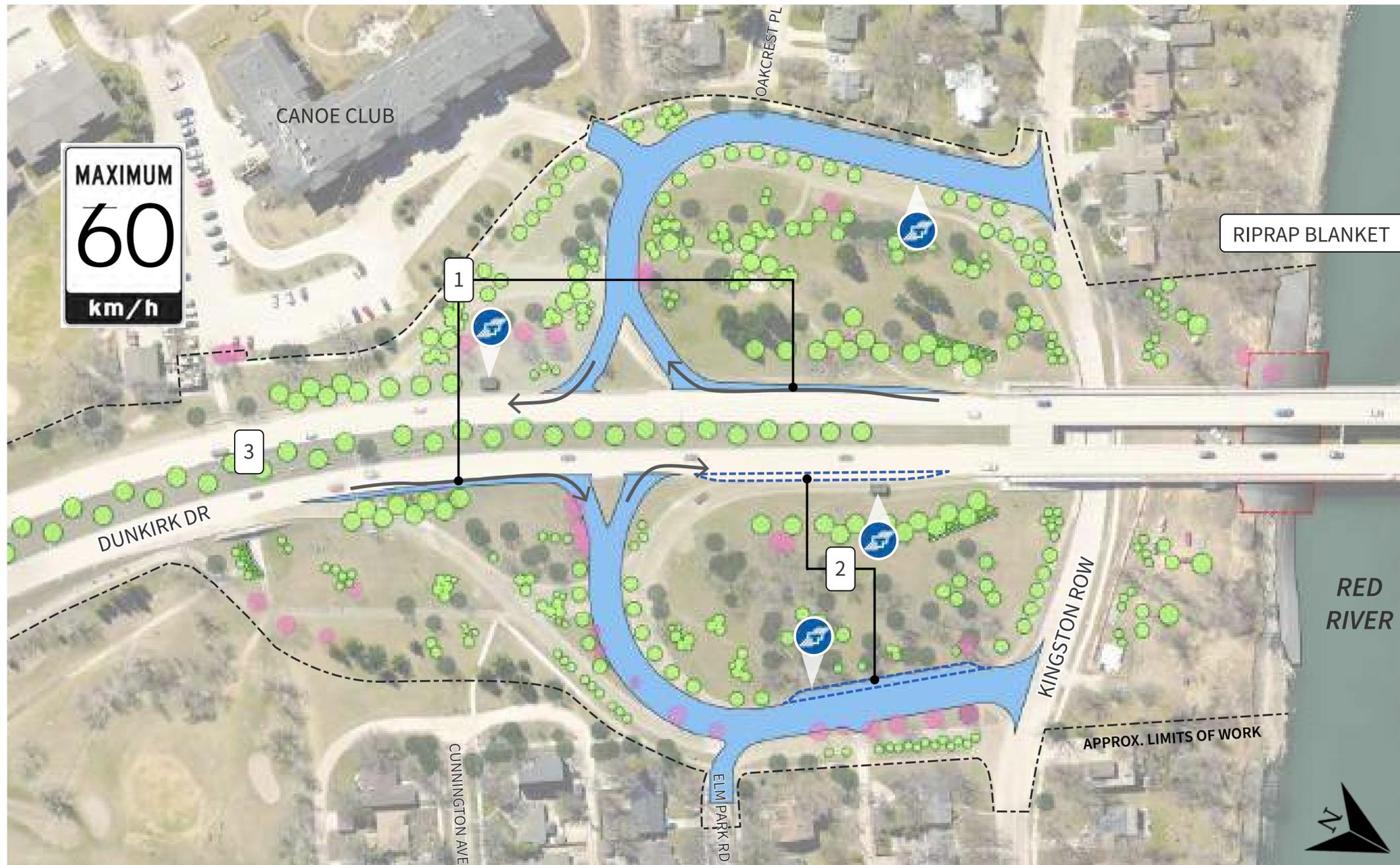
Bridge pier and abutment remedial works

Stabilize riverbank

Widen bridge deck for multi-use pathways



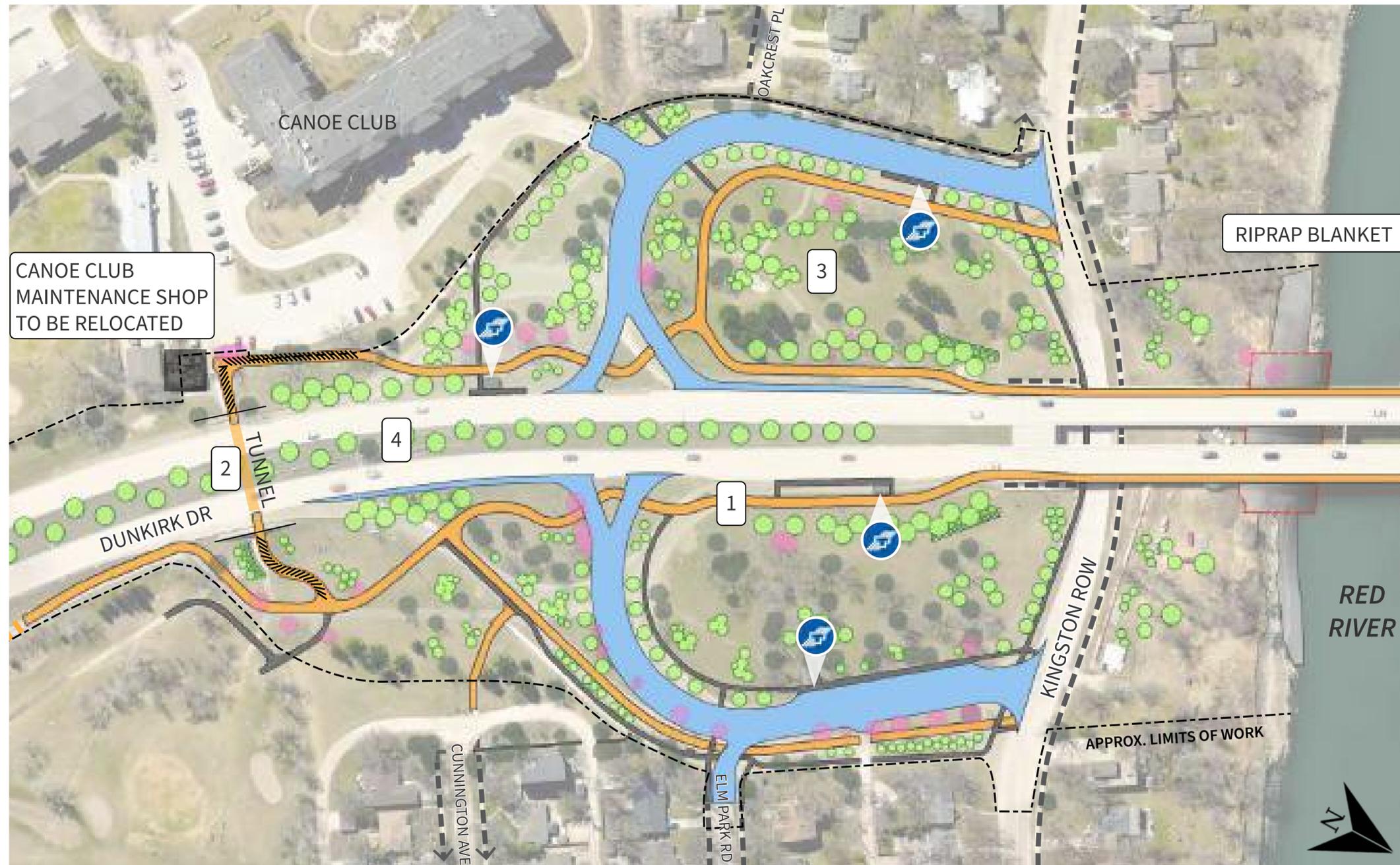
# Proposed vehicle routing and transit stops



1. Storage lanes for northbound and southbound Dunkirk Drive approaching the access roads to Kingston Row
2. Combination of in-road bus stops and bus bay stops (for timing points)
3. Removal of aluminum guardrails along Dunkirk

- Road modifications
- Trees to be removed
- New trees

# Proposed pedestrian and cycling network



1. 1,450 lineal metres of new multi-use pathways and sidewalks will improve circulation
2. Tunnel rehabilitation
3. Five new trees will be planted for every tree removed
4. Median tree species chosen to be as disease and salt resistant as possible



# Proposed pedestrian connections & transit stops



1. New transit stop and pedestrian crossing across Dunkirk

 Road modifications	 Existing sidewalk
 Multi-use path (MUP)	 Trees to be removed
 Sidewalk	 New trees
 Existing MUP	

# Proposed vehicle routing, pedestrian / cycling network and transit



1. To provide an accessible 5% slope to the pedestrian tunnel, road closure on Churchill Drive is required
2. To create continuous and safe cycling connection, road closure on Montgomery Avenue is required
3. Multi-use pathway extended along Churchill up to Jubilee Avenue / Cockburn Street path

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# Next steps

# Next Steps

Construction work for the rehabilitation of the St. Vital Bridge is scheduled to take place Spring 2023 - Summer 2025.

## Construction Staging

1

Construction will start on the **southbound bridge**. All users will be detoured to the northbound bridge starting in **Spring 2023**.

2

Once the southbound bridge is complete, all users will be routed to the new bridge, with construction starting on the **northbound bridge**.

3

Regular traffic flow for all users will be restored on both bridges and all roadways by **Fall 2024**.

4

Landscape construction to be complete by **Summer 2025**.

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# Thank you

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