#### Attachment 4



### Cycling Network Near-Term Implementation Prioritization Framework

Compile candidate routes

Prioritize

Confirm feasibility & delivery type

#### **Strategic Alignment**

Cycling Network Plan
(major city-wide,
10 year plan)
State-of-good-repair road program
Road safety focus areas
Planning focus areas

#### **Cycling Impact Analysis**

Safety
Connectivity
Equity
Current cycling demand
Potential cycling demand
Transit access
Barrier crossings
Network coverage
Trip generators

## Complexity and Construction

Technical requirements
Capital coordination
Design options and impacts
Delivery type
(standalone,
bundled,
quick-build,
civil construction)

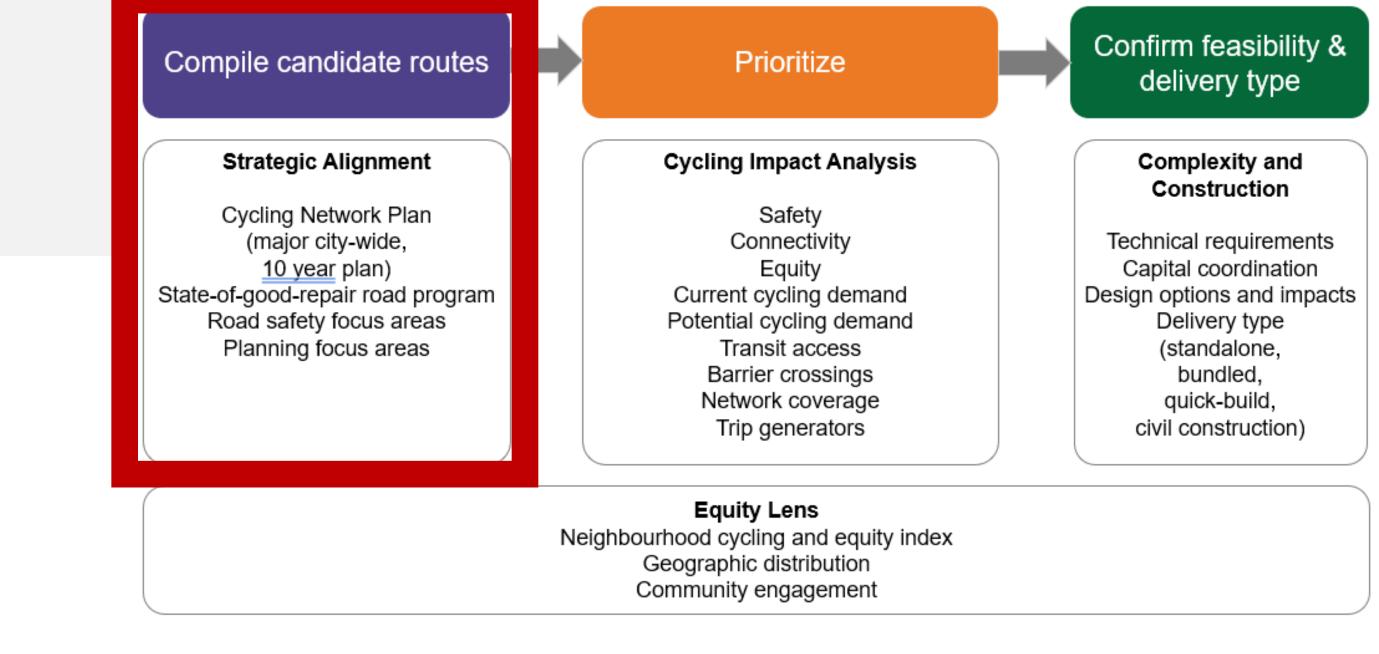
#### **Equity Lens**

Neighbourhood cycling and equity index Geographic distribution Community engagement



# Compile Candidate Routes

How the long list of candidate bikeways was created:



- Previously deferred bikeway projects (such as those bundled with deferred capital works)
- Bikeway projects identified for study in previous near-term programs
- Bikeway projects identified in the 2016 Ten Year Plan
- Upcoming bundling opportunities (with other capital infrastructure projects, such as road rehabilitation)
- Requests and recommendations from internal and external partners (such as outcomes of Neighbourhood Streets Plans and Secondary Plans)
- Proactive identification of potential routes in equity-deserving areas



# Prioritize | Cycling Impact Analysis



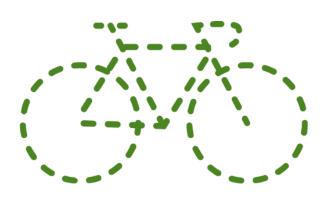
Safety



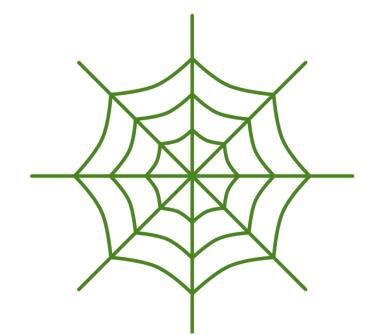
Equity



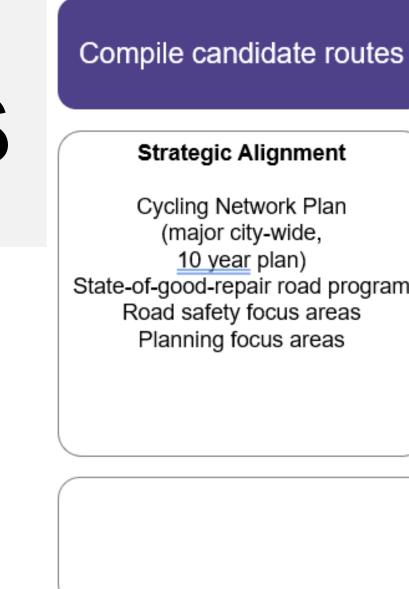
Current cycling demand



Potential cycling demand



Network coverage



**Cycling Impact Analysis** Connectivity Equity Current cycling demand Potential cycling demand Transit access Barrier crossings Network coverage Trip generators

Prioritize

Technical requirements Capital coordination Design options and impacts Delivery type (standalone, bundled, quick-build, civil construction)

Confirm feasibility &

delivery type

Complexity and

Construction

**Equity Lens** Neighbourhood cycling and equity index Geographic distribution Community engagement



Connectivity



Trip Generators



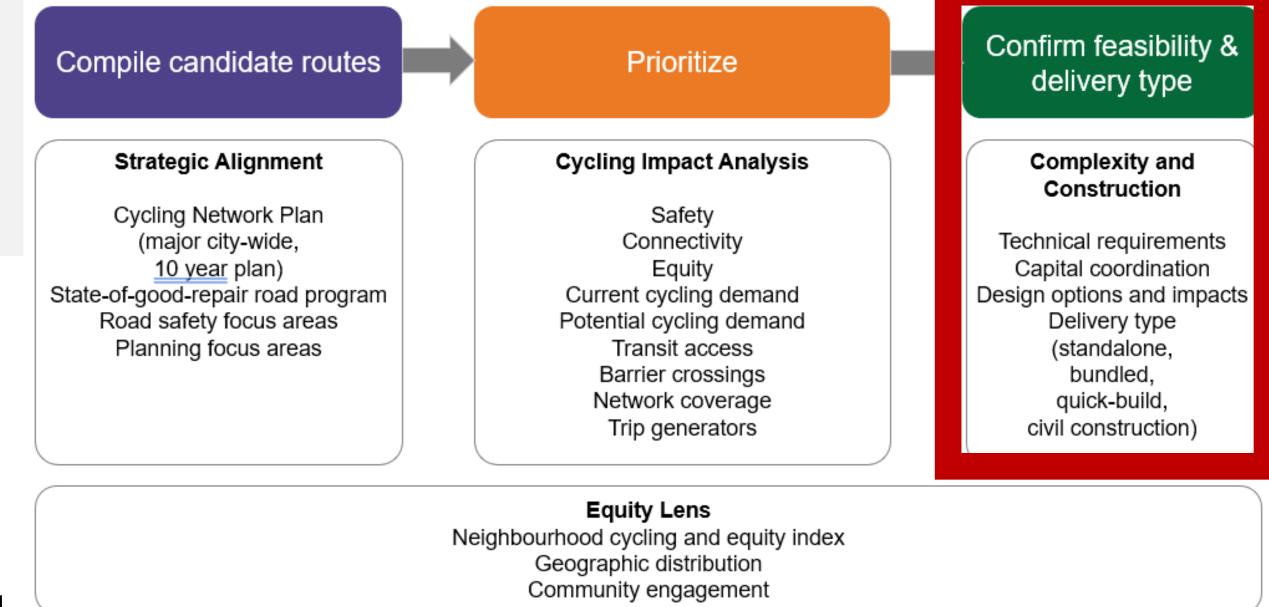
Transit Access



Barrier Crossings

# Feasibility and Coordination

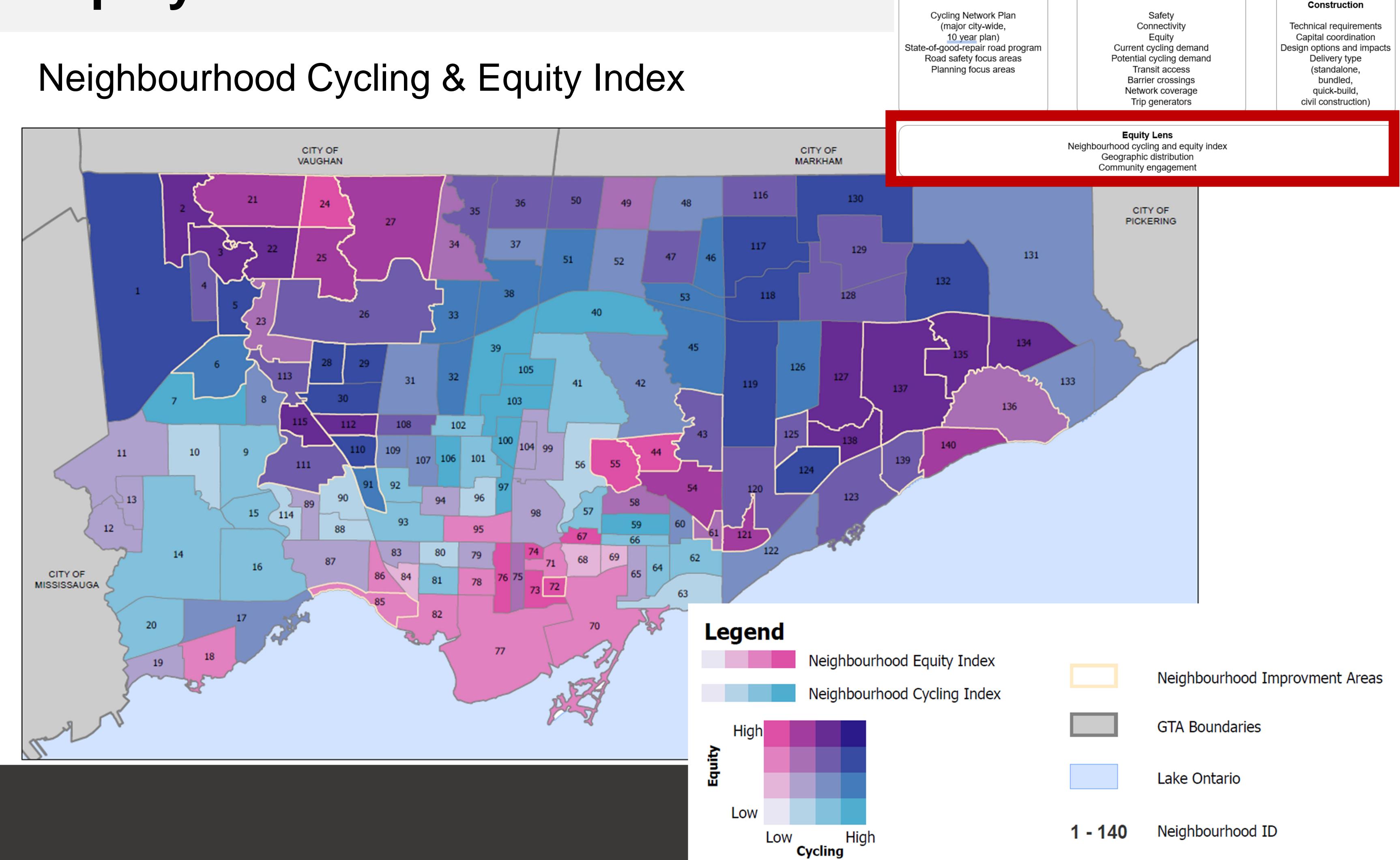
Beyond the prioritization analyses for the cycling network, there are other important factors that determine the appropriate timing for candidate projects. "High scoring" projects may not be programmed if:



- There is a major capital works conflict, either parallel, perpendicular, or in proximity, as identified by the Infrastructure Coordination Unit. For example, Basement Flooding projects by Toronto Water, and Ontario Line Station construction by Metrolinx.
- The bikeway project is proposed as part of major road work, and the road work timing is in the following near-term program horizon (2028+).
- Preliminary review of the appropriate bikeway type (such as cycle tracks) has identified significant design challenges from a technical feasibility perspective, and will either be studied more extensively, or reconsidered in the future as conditions change.



# Equity Lens



Confirm feasibility &

delivery type

Complexity and

Prioritize

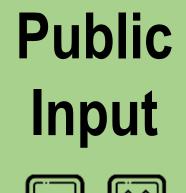
**Cycling Impact Analysis** 

Compile candidate routes

Strategic Alignment

## Community Engagement





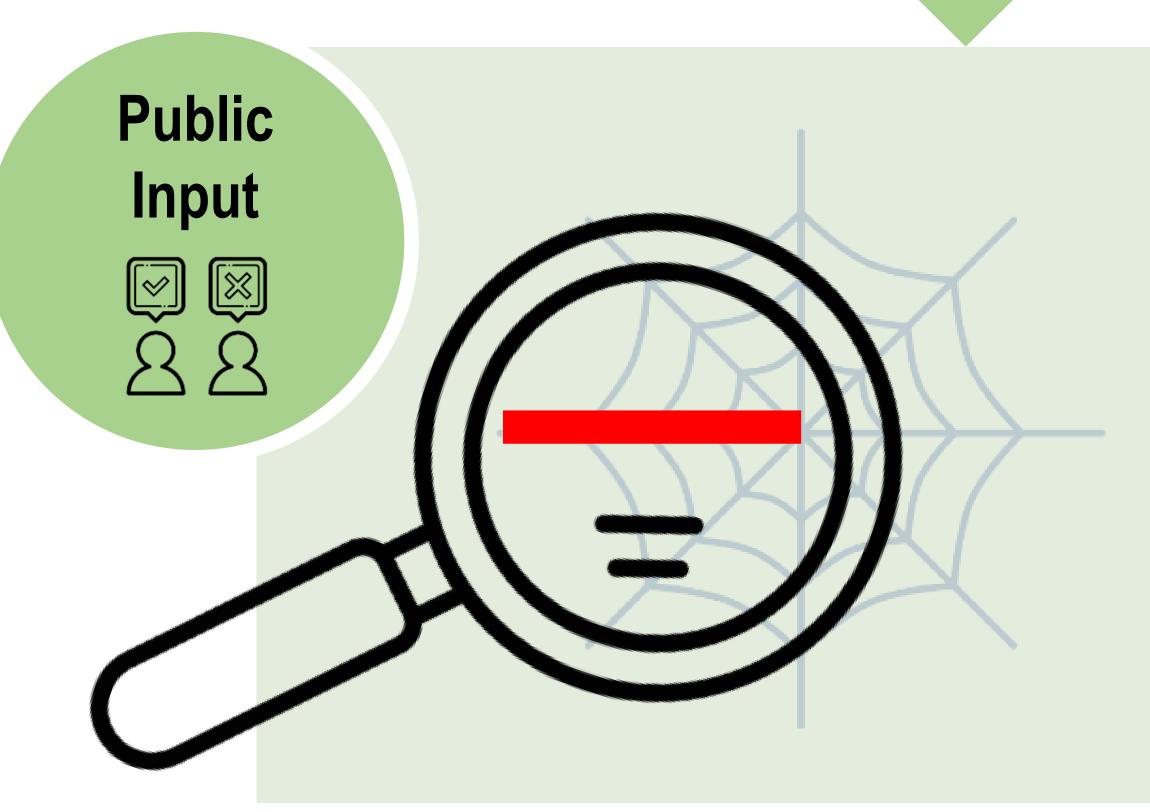




Big picture: City-Wide Near-Term Network

### City-wide public engagement

Where does it make sense to build bikeways? How should we prioritize?



Individual Projects: Details and Design

### Local neighbourhood public engagement

How will the bikeway fit? What will it look like?

Detailed engagement, design, and Council approval to install

