

# COUNTY ROAD 22 CORRIDOR ALTERNATIVES AND STRATEGIES STUDY

Municipality of Lakeshore Council Meeting | March 15, 2022





# Background

The CR 22 Corridor Study reviewed the following guiding documents to establish what the long-term goals are for this corridor:

- The 2006 Municipal Class EA for CR 22
- Town of Lakeshore Corridor Transformation Strategy
- County Wide Active Transportation Study (CWATS) Master Plan

The CR 22 Corridor Study needed to establish a balance from the findings of these studies. The relevant recommendations from these documents are summarized below:

2006 EA Preferred Design Solution	Corridor Transformation Strategy	CWATS Master Plan
<ul style="list-style-type: none"><li>▪ A five-lane cross-section from E. Puce Rd. to I.C. Roy Dr. (four travel lanes plus a two-way centre left-turn lane)</li><li>▪ A three-lane cross-section from I.C. Roy Dr. to Belle River Rd. (two travel lanes plus a two-way centre left-turn lane)</li></ul>	<ul style="list-style-type: none"><li>▪ Mixed-use corridor that supports a range of commercial, employment, residential and community uses</li><li>▪ To create a corridor that accommodates the needs of pedestrians, transit users, cyclists and vehicles</li><li>▪ Consolidate accesses where possible to minimize conflicts and provide uninterrupted streetscape</li></ul>	<ul style="list-style-type: none"><li>▪ To link the seven local municipalities in the County with an approximately 800-kilometre-long active transportation network</li><li>▪ The preferred design concept proposes to upgrade the sidewalk on the south side of CR 22 to a multi-use trail</li></ul>

The need for an addendum to the 2006 EA was assessed and it was identified that an addendum would not be required, because:

- The Corridor Study recommendations align with the 2006 EA's intent and do not introduce significant changes
- The 2006 EA recommended design was partially constructed in 2016/2017 (within 10 year of study completion)

# Where We Are in the Process



**NEXT STEP – DETAILED DESIGN**



**We are here!**

# What we Have Heard During the First Round of Consultation?

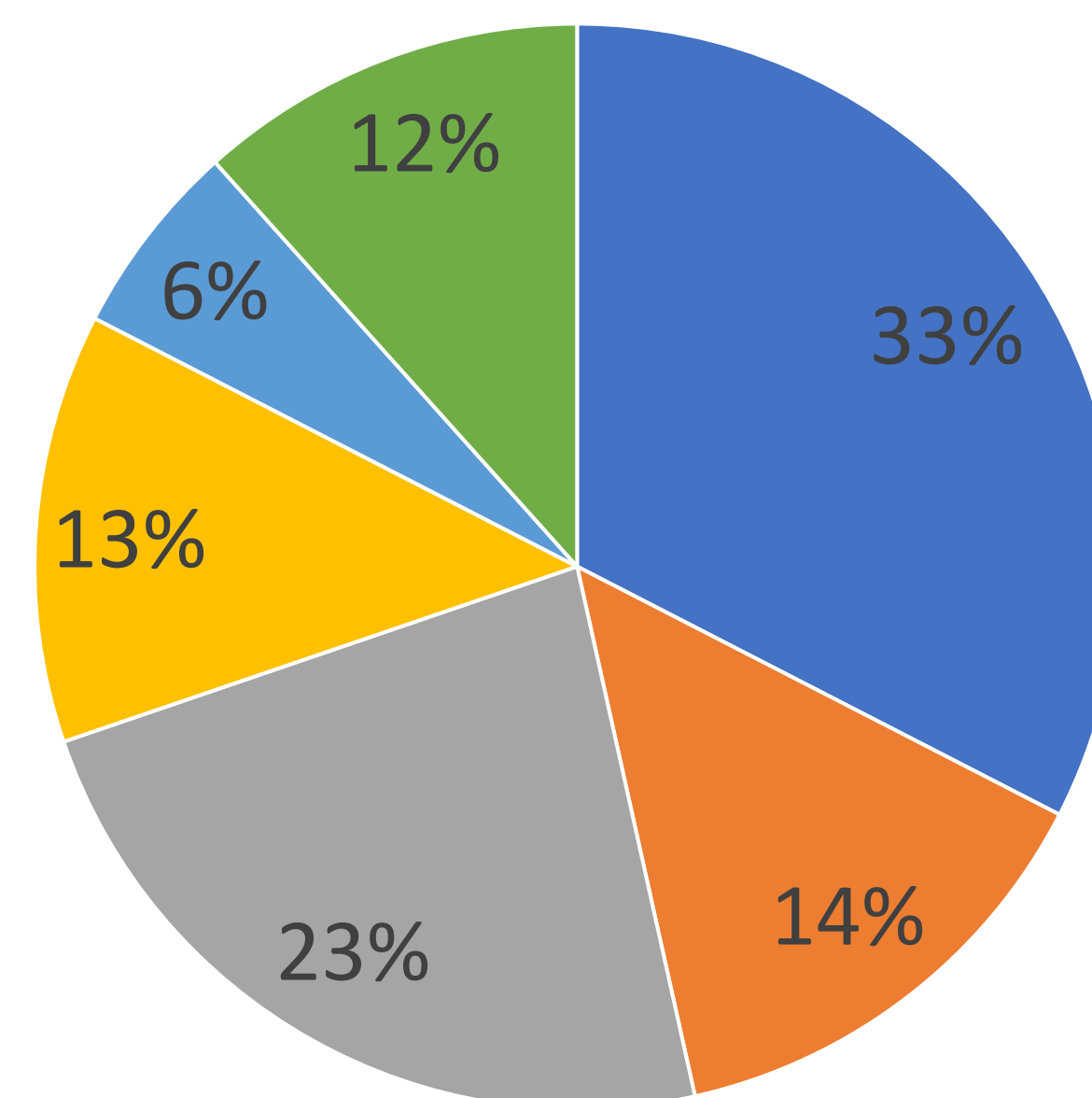
**514** responses received..

Through an online survey that was hosted from December 2020 to January 2021

## The most important improvements identified by respondents include:

- Improve roadway capacity, traffic operations and mobility.
- Strong support for access management along the corridor including closure of several side roads.
  - This should improve efficiency and increase safety along County Road 22.
- Improvements to pedestrian, cycling and active transportation infrastructure.

➡ Generally consistent with the outcomes of the Environmental Study Report (2006), however support for active transportation has increased



## Public's priorities for CR 22:

- Roadway capacity, traffic operations & mobility
- Roadway safety
- Active Transportation
- Streetscaping
- Built form
- Mixed-use corridor supportive of future transit

# What we worked on

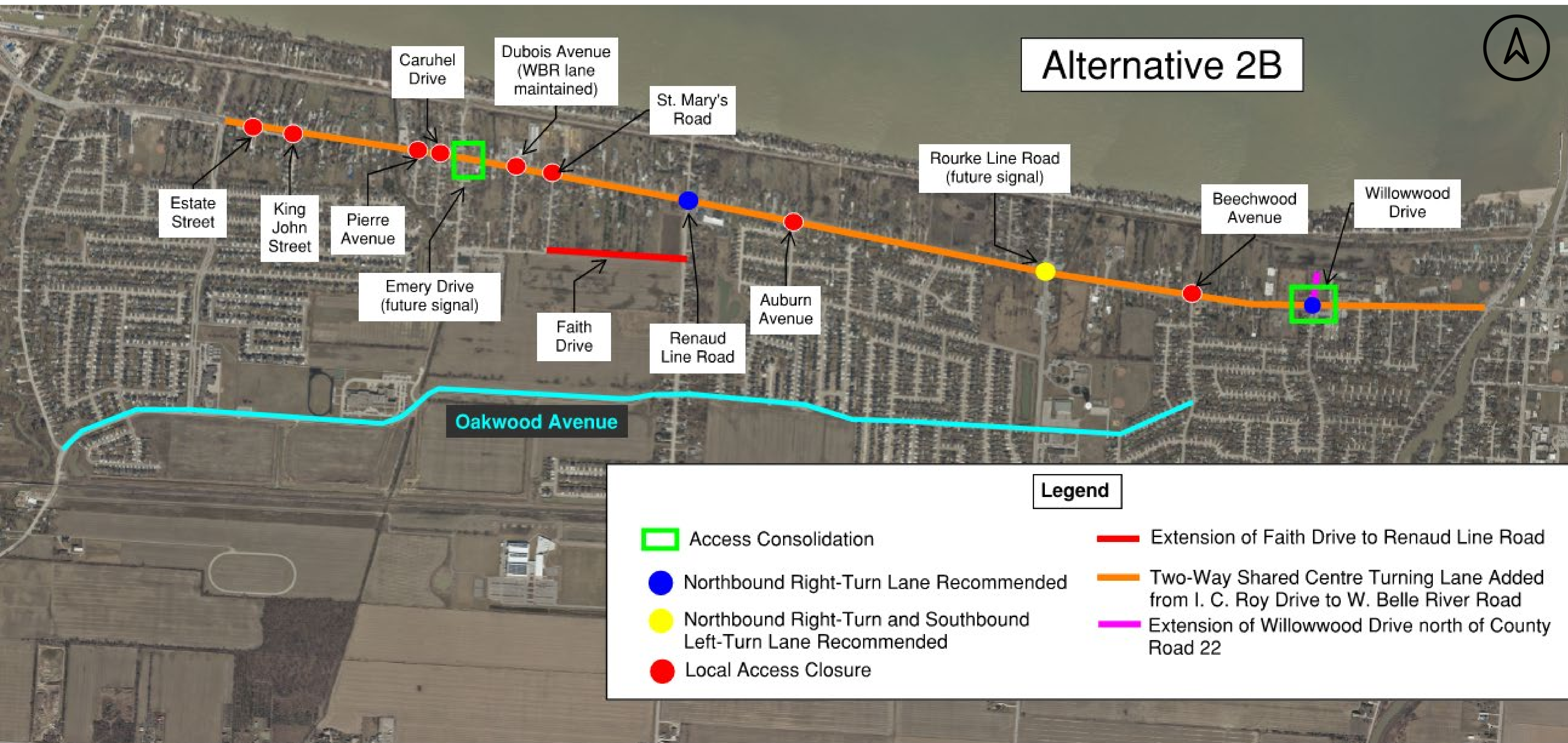
Alternatives that:

- Improved the capacity of CR 22 to carry traffic
- Improved facilities for cyclists and pedestrian
- A pleasant environment with boulevards, trees and street furniture
- A safe road for all users
- More traffic signals for vehicle access and pedestrian to cross CR 22



# PREFERRED Alternative #2B:

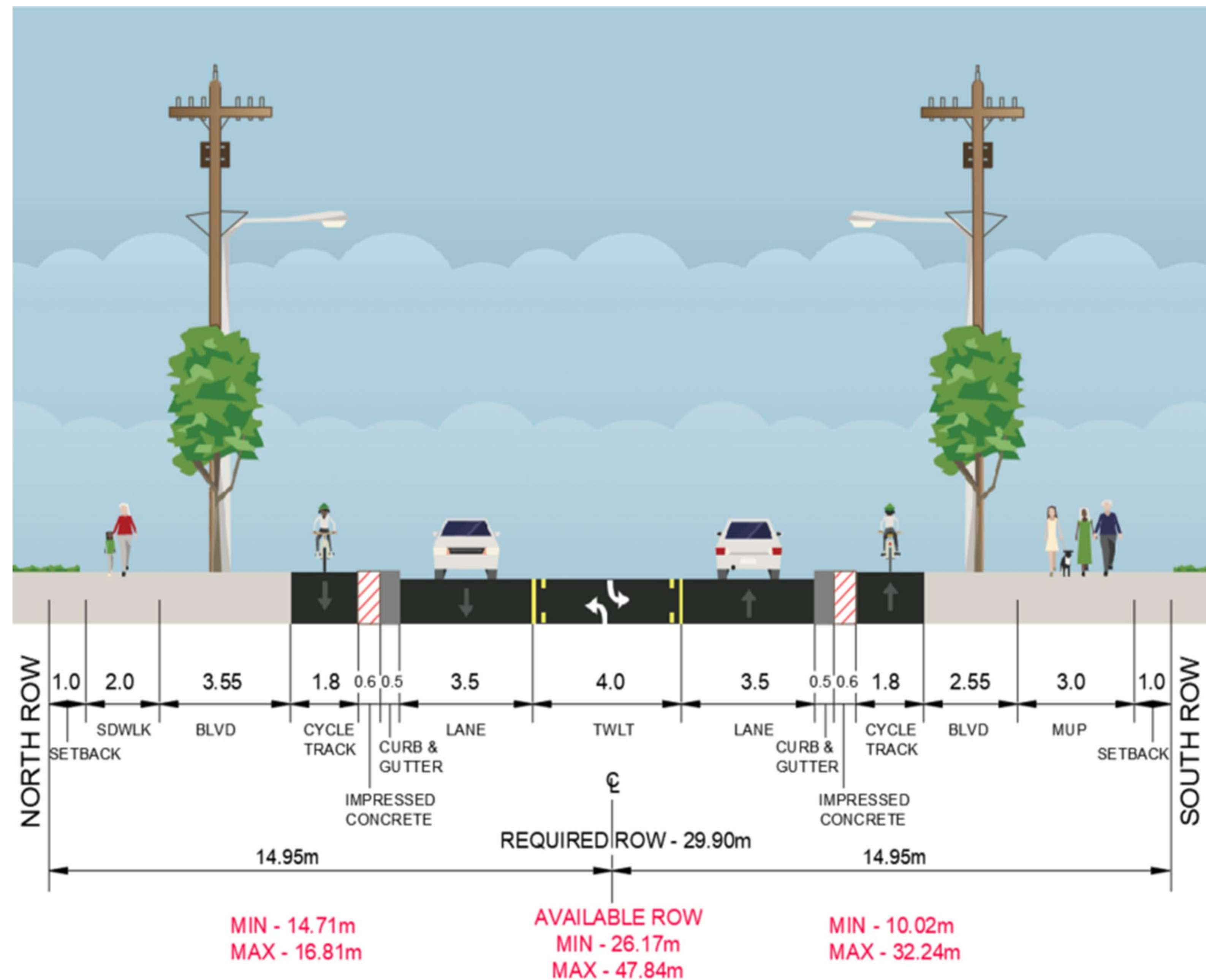
## ROW Widening Cycling Enhancement Option



# Recommended Roadway Cross-Section

## Alternative #2B: ROW Widening

### Cycling Enhancement Option



- Improves Level of Service (LOS), compared to existing conditions.
- Accommodates pedestrians & cyclists.
- Wide boulevards to accommodate streetscaping.
- *Some* land impact.

Detailed design of this alternative will follow.

**Note:** Location of hydro poles, trees and street lighting to be determined in detailed design stage



# Second Round of Consultation

- The design alternatives and the preferred design were presented to the Municipal Council in Lakeshore, County of Essex Council and at a Public Information Centre in June 2021
- Members of the public were provided multiple avenues to provide feedback on the preferred design alternative. These avenues included:
  - An online Public Information Centre
  - An online survey posted to the PlaceSpeak page shared by Essex County and the Municipality of Lakeshore
  - Letters delivered to residents along the affected corridors
  - Emails to the project team

❖ **PIC attended by 61 people – posted on website and viewed 123 times**

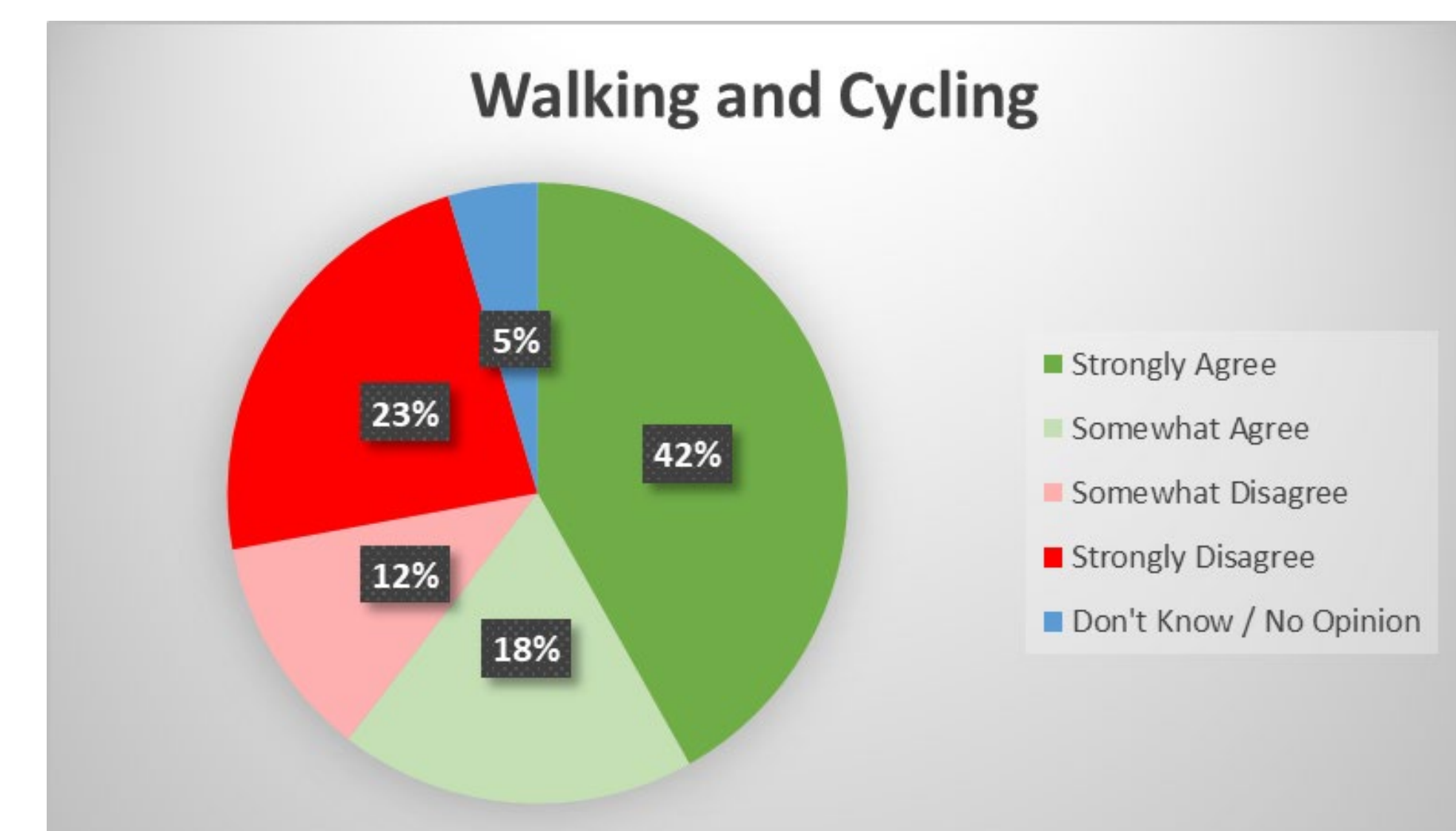
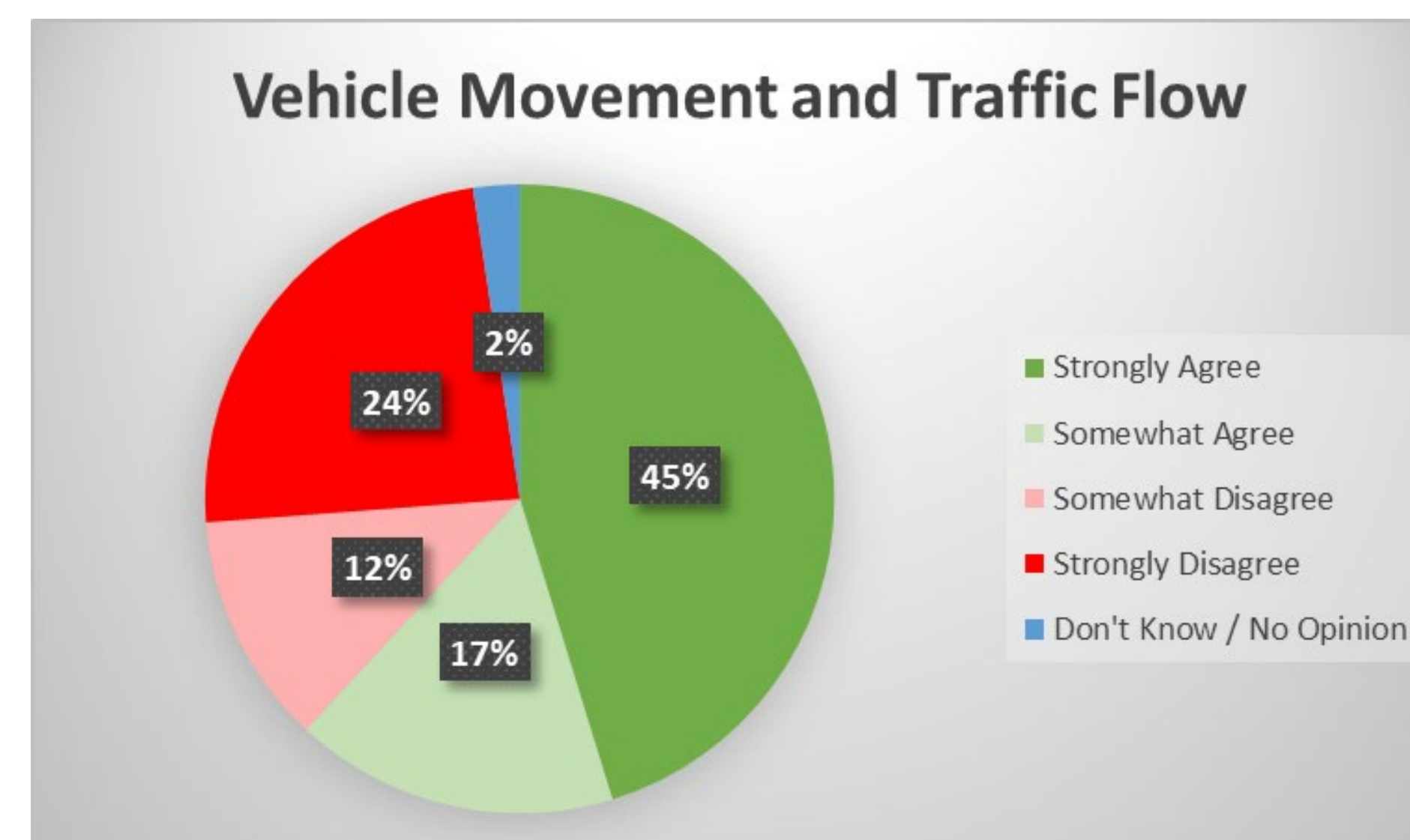
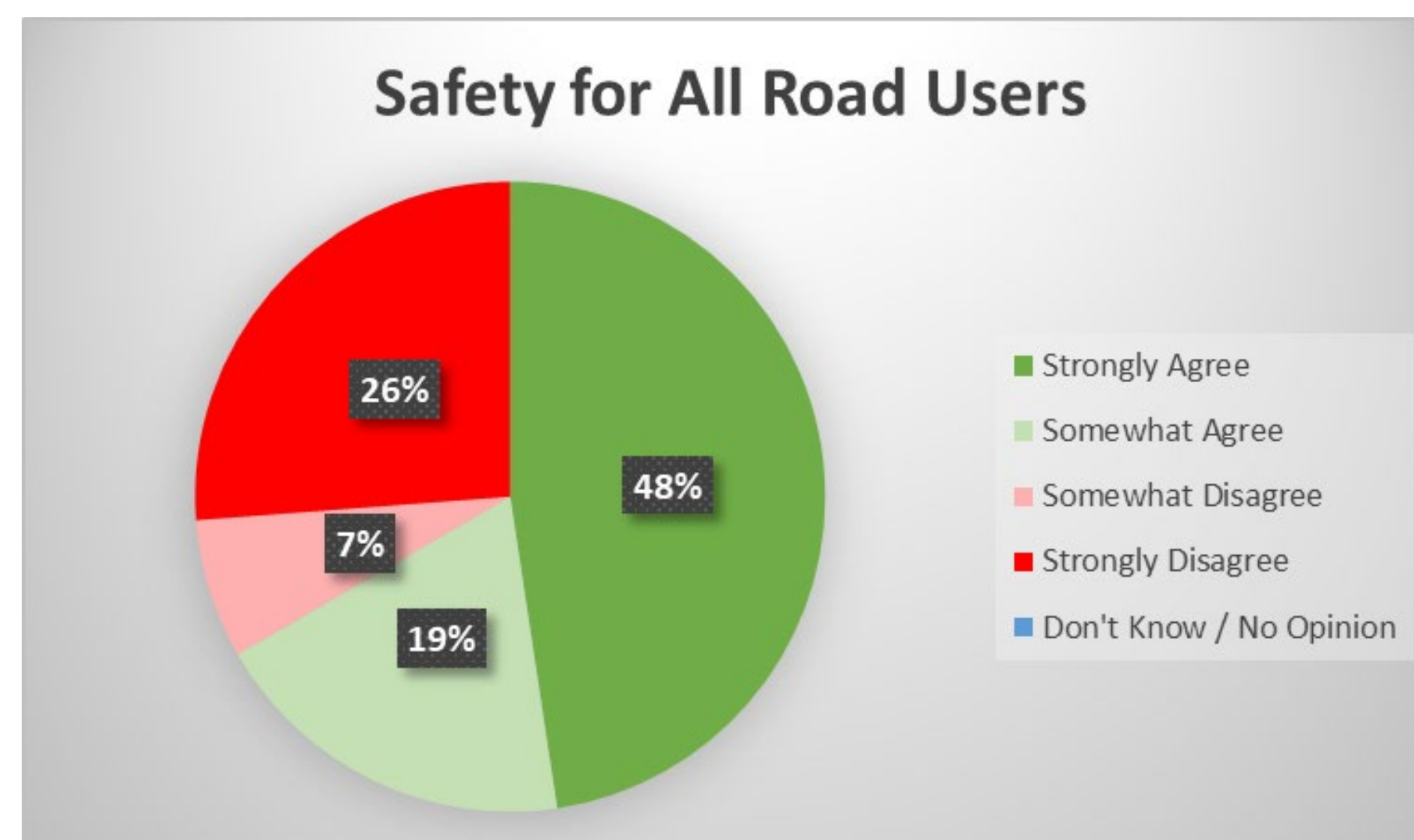
❖ **PlaceSpeak survey completed by 43 people**



# Second Round of Consultation (cont'd)

PlaceSpeak Survey results indicate:

- 67% of the respondents think positively of the preferred alternative with respect to **safety for all road users**
- 62% of the respondents think positively of the preferred alternative with respect to **vehicle movement and traffic flow**
- 60% of the respondents think positively of the preferred alternative with respect to **walking and cycling**

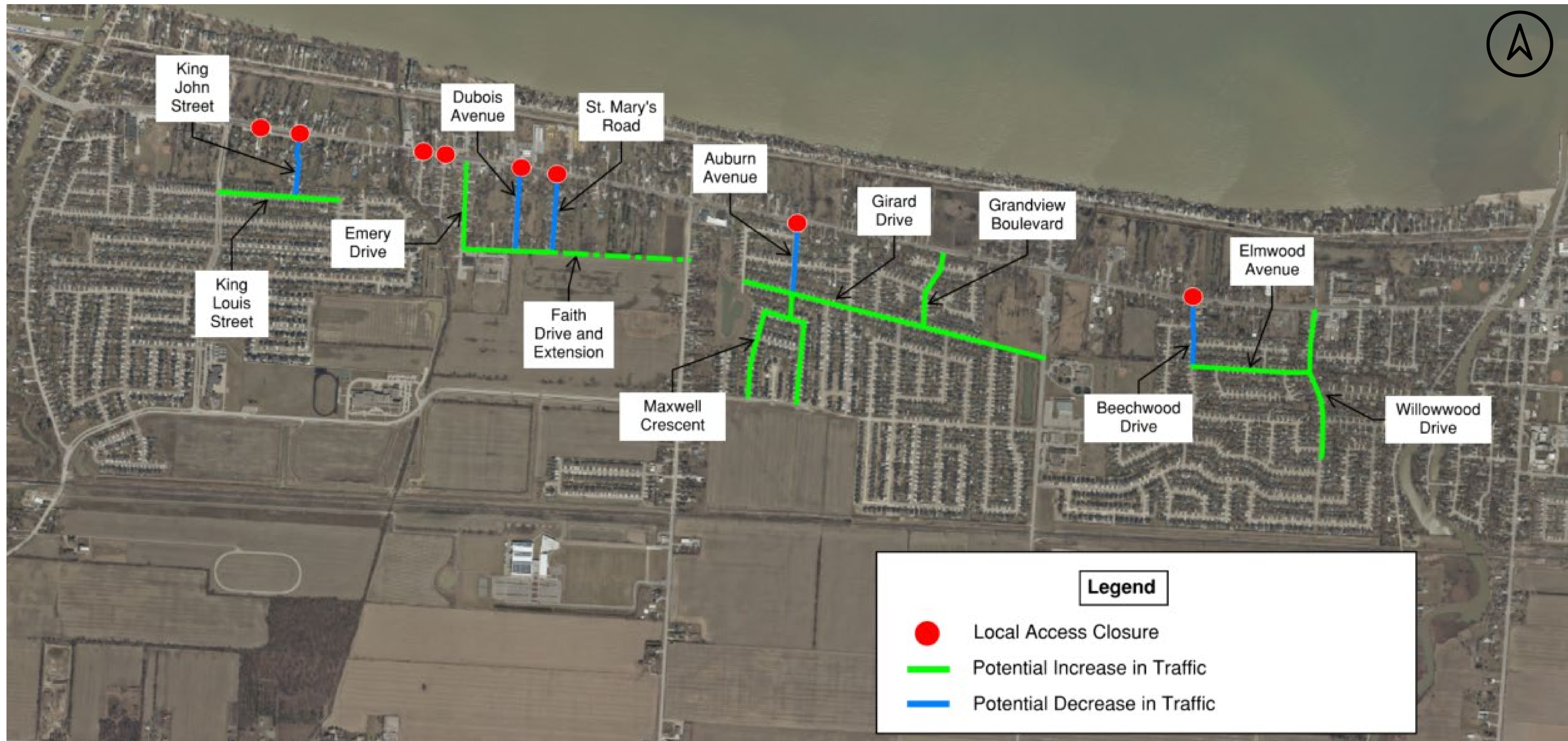


# Resident Traffic Concerns

- Residents expressed concern that as a result of roadway closures there could be increased traffic and speeding within neighbourhoods.
- Based on the traffic counts that currently utilize CR off of those road closures, it is unlikely that traffic volume increase on these roadways would exceed local roadway volumes.
- The Municipality of Lakeshore will undertake data collection to verify traffic volumes and speeds on roadways where residents expressed concerns.
- A second round of data collection will be carried out to verify traffic volumes and speeds following the completion of road closures.
- If warranted, appropriate traffic calming measures will be installed.



# Area of Review - Potential Changes in Traffic on Local Roads



# Proposed Implementation Plan

Item	Year
Corridor Detailed Design <ul style="list-style-type: none"><li>• 30%, 60%, 90%, and 100% design reviews</li><li>• Utility conflict and relocation design reviews</li></ul>	2022
Signals at Emery Drive, access consolidation and cul-de-sacs	2022-2023
Property acquisition, existing dry utility relocation, underground wet utilities – storm, sanitary sewer and watermain, environmental approvals	2023-2024
Phase 1 construction from I.C. Roy Drive to Renaud Line Road including Faith Drive extension	2025
Phase 2 construction from Renaud Line Road to Rourke Line Road	2026
Phase 3 construction from Rourke Line Road to Belle River Road	2027



# Next Steps

The report is posted on the following website:

- <https://www.placespeak.com/en/topic/6454-county-road-22-design-alternatives-strategies-study/#/overview>

**The report will be available for viewing during a 30-day period ending on April 15, 2022**

Following the **30-day period**, we will review the input and finalize the report

County will issue RFP for detail design

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