

Boiler Beach Road Traffic Study

COMMUNITY CAFÉ EVENT

AUGUST 24, 2022



Meeting Overview



Introduction



Background
Information



Identification of
Constraints and
Opportunities



Community Café
Discussion



Next Steps

Introduction

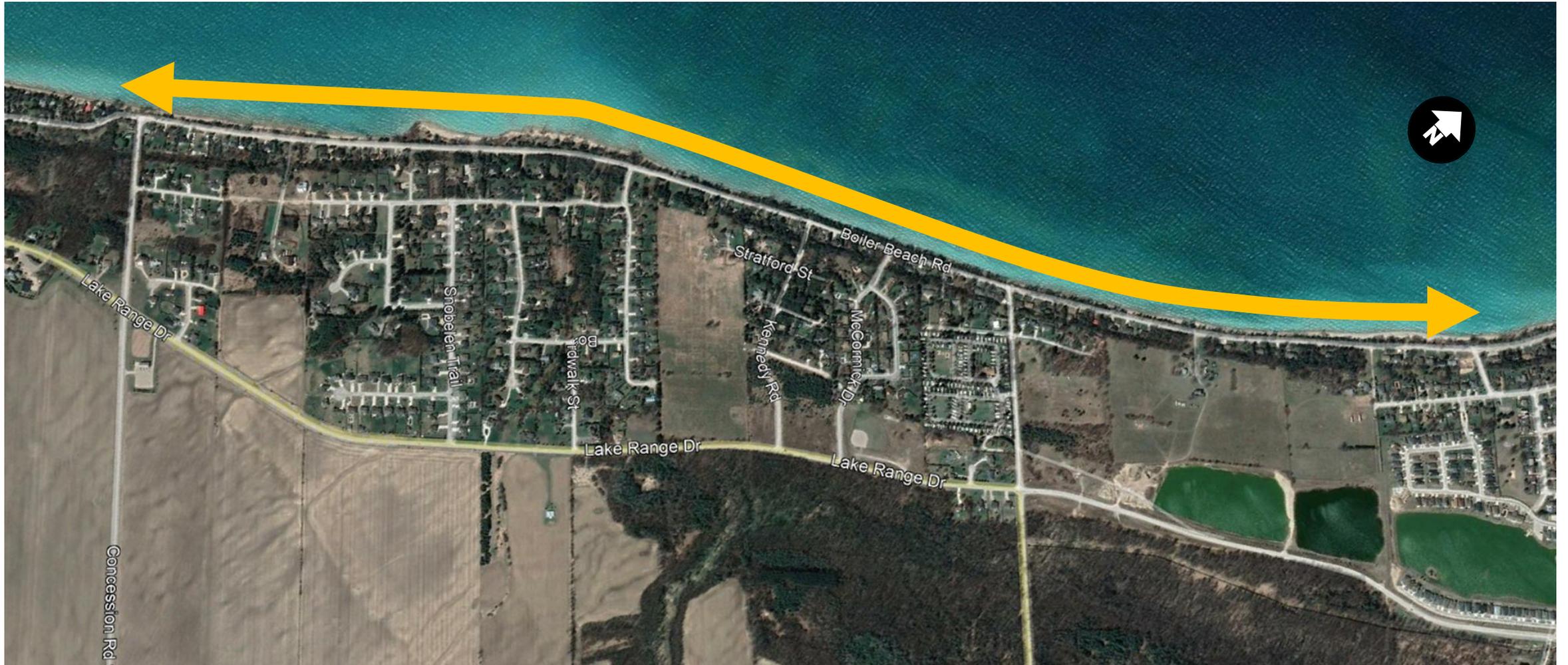
Introduction

BTE has been retained by the Township of Huron-Kinloss to complete a traffic study on Boiler Beach Road from Concession 10 to Huronville Street.

The purpose of tonight's meeting is for us to gain a better understanding of issues and any concerns or ideas you have during this data collection phase before any decisions / recommendations are made.

Any potential major changes to the corridor will still be subject to the completion of a Class Environmental Assessment.

Concession 10 to Huronville Street



Background

PROJECT OVERVIEW

2018 – Parking on Boiler Beach Road added to the Township Strategic Plan

Spring 2019 – Township began the design process of the reconstruction of Boiler Beach Road

July 2019 – A legal survey of Boiler Beach Road was completed to define the limits of the road allowance

July 2020 – Engineers presented design options for Boiler Beach Road which did not include all our goals

Dec. 2020 – Township decided to defer the construction project and investigate other solutions

Jan. 2021 – Township began investigating the possibility of a one-way road conversion

March 2022 – Township retained BT Engineering to study the impacts of a one-way road conversion

July 2022 – A survey was mailed to Boiler Beach residents and launched on HaveYourSayHK

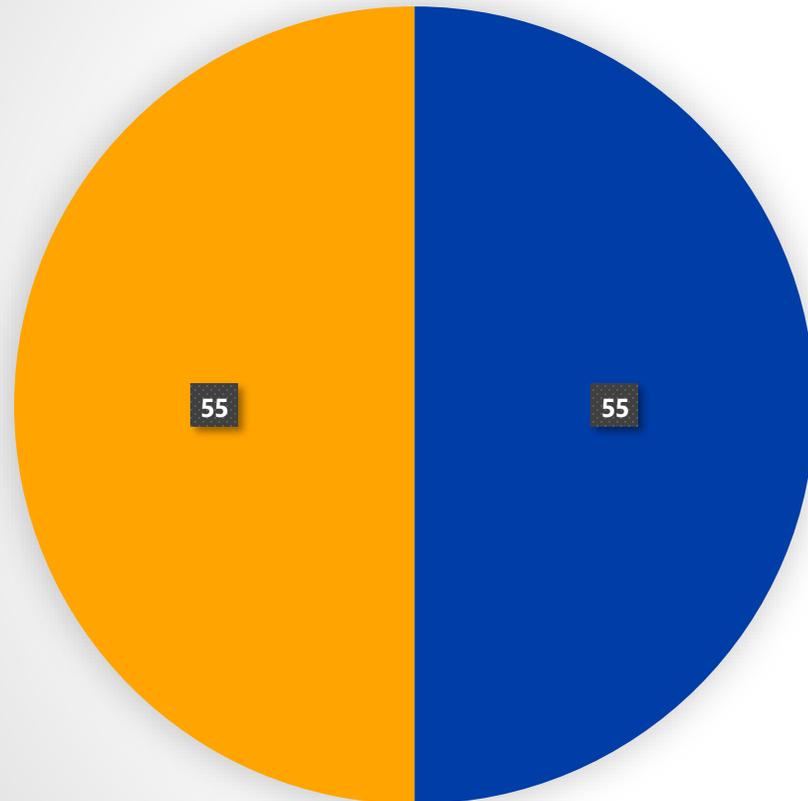
PROJECT GOALS



- Protect the natural environment
- Improve pedestrian safety
- Consider traffic speed
- Address storm drainage
- Identify potential intersection improvements
- Address area parking needs
- To coordinate any construction with the watermain replacement, north of Huronville Street

SURVEY RESULTS

Response Summary (Boiler Beach Residents)

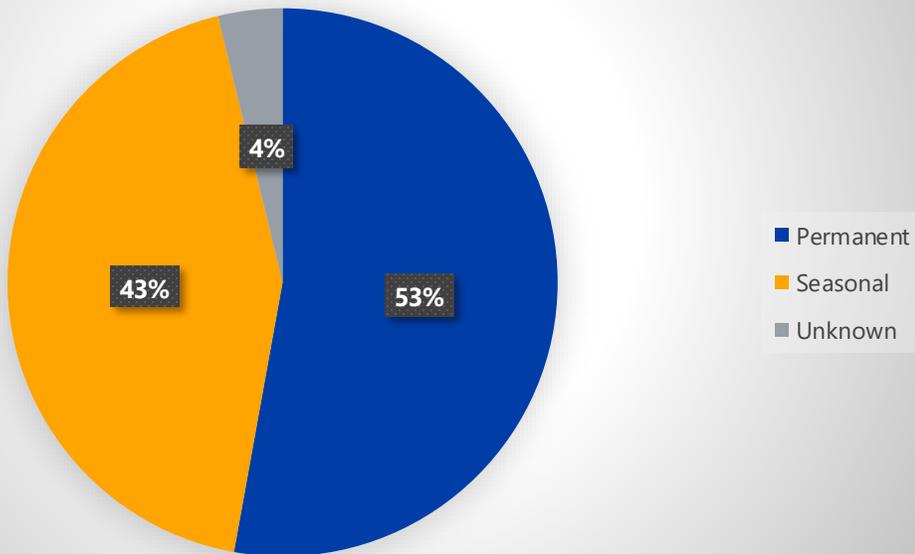


■ Response Submitted

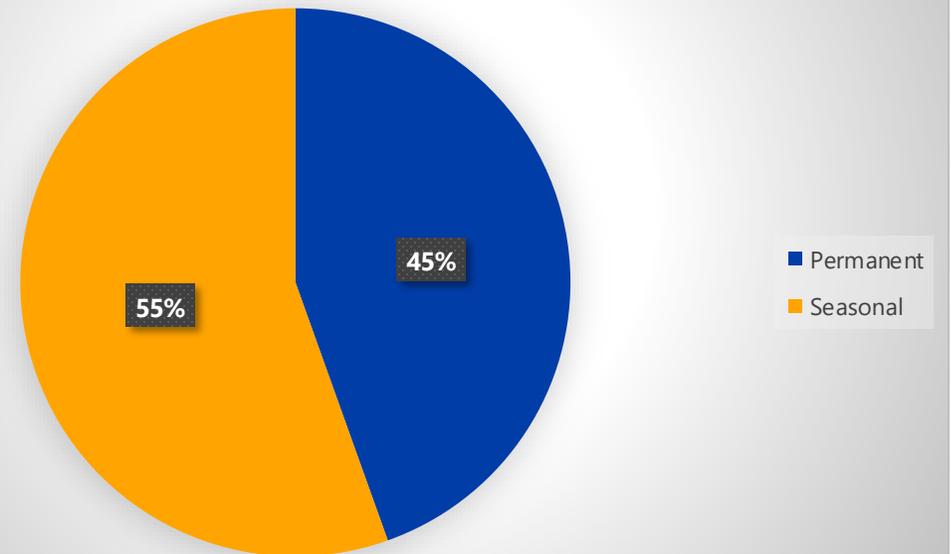
■ No Response

SURVEY RESULTS

**Boiler Beach Respondents
Type of Residency (55 Responses)**

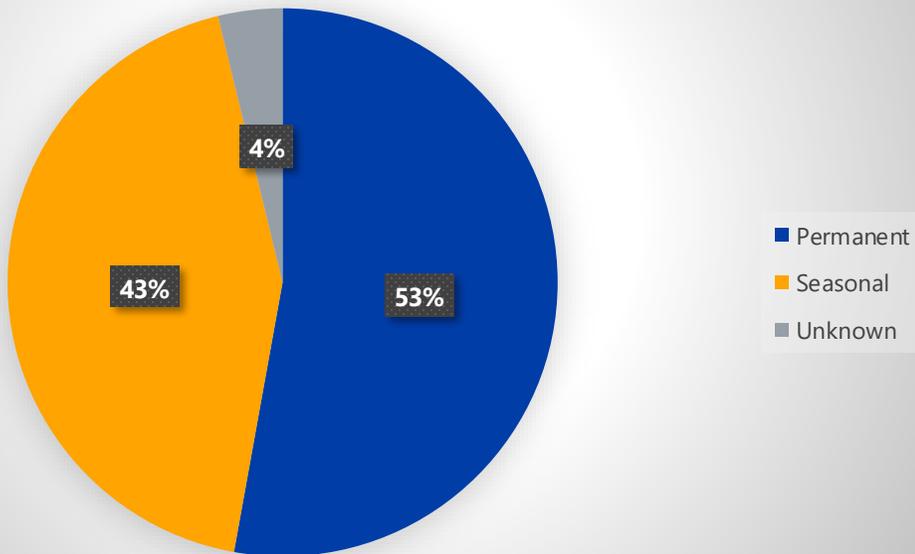


**Boiler Beach Road
Type of Residency**

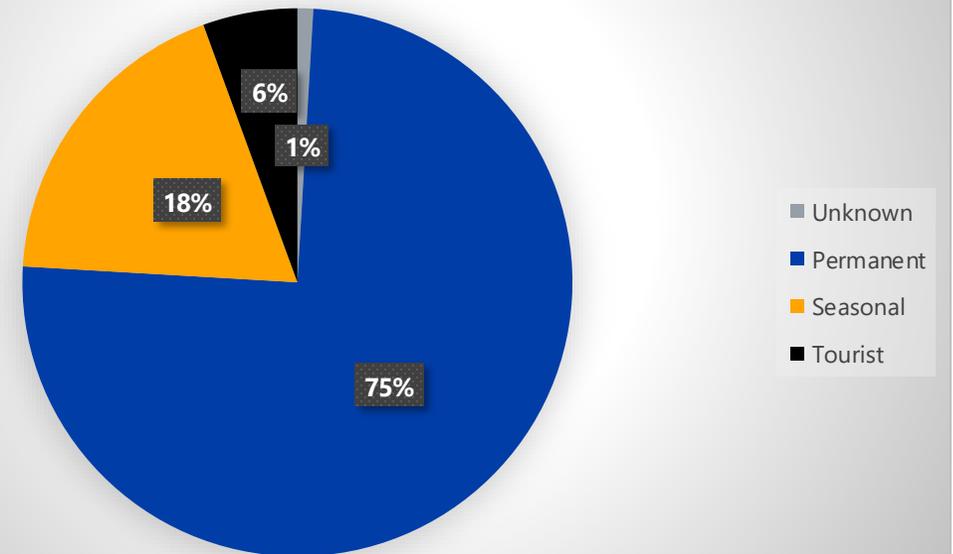


SURVEY RESULTS

**Boiler Beach Respondents
Type of Residency (55 Responses)**

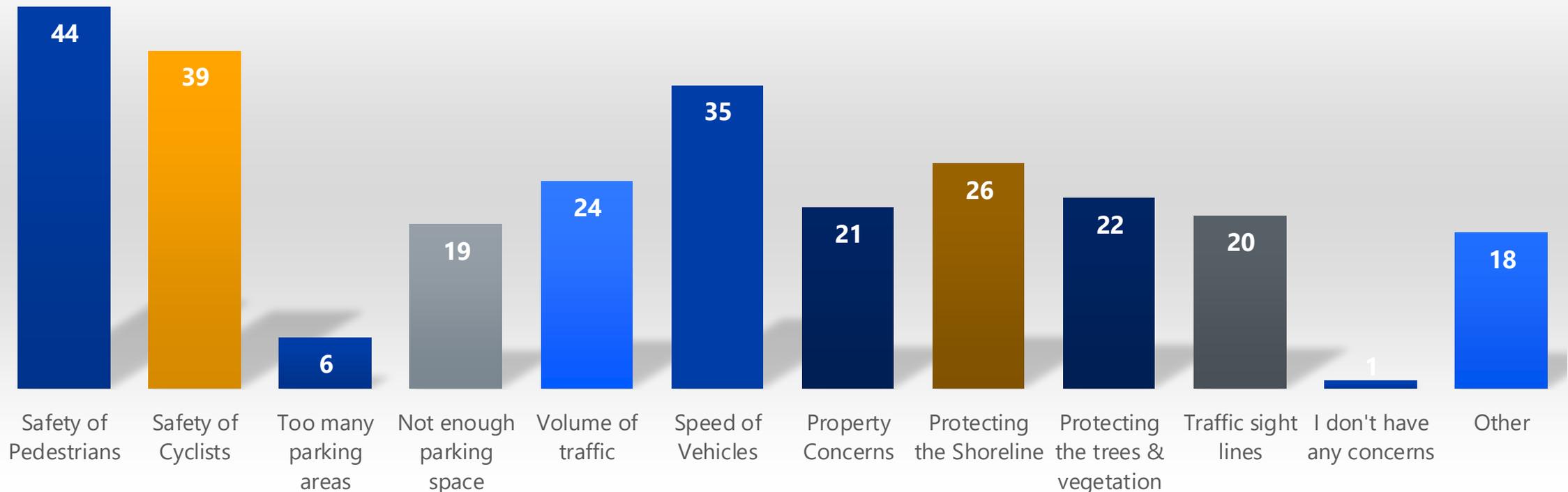


**Public Online Survey
Type of Residency (109 Responses)**



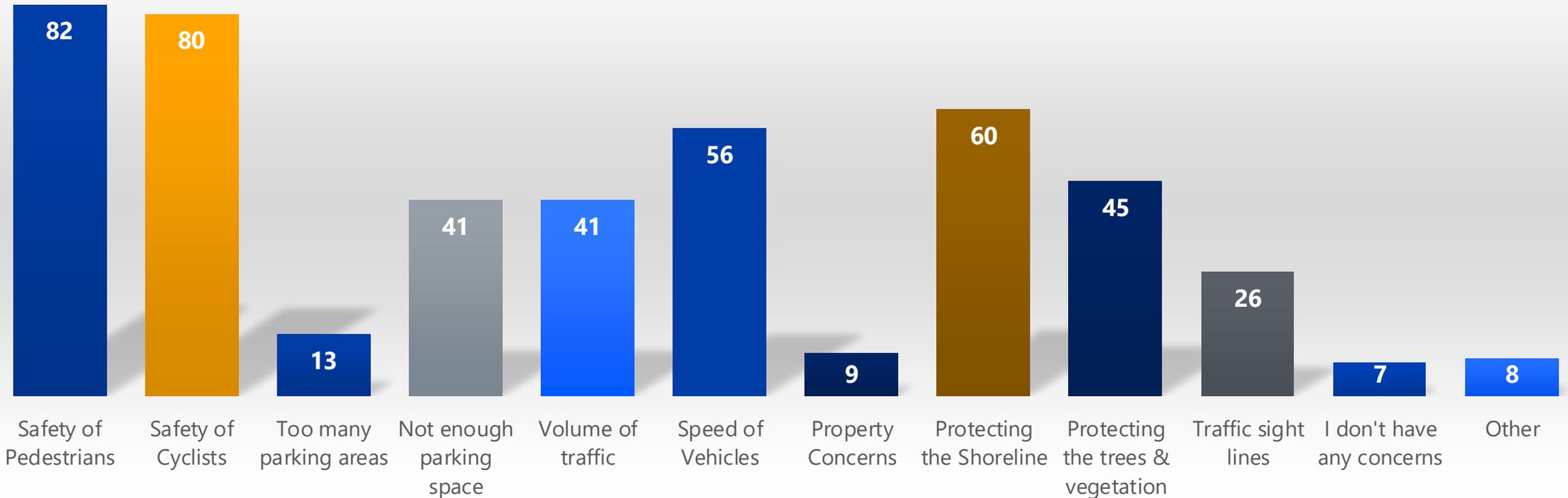
SURVEY RESULTS

Boiler Beach Resident Concerns (Based on 55 Responses)



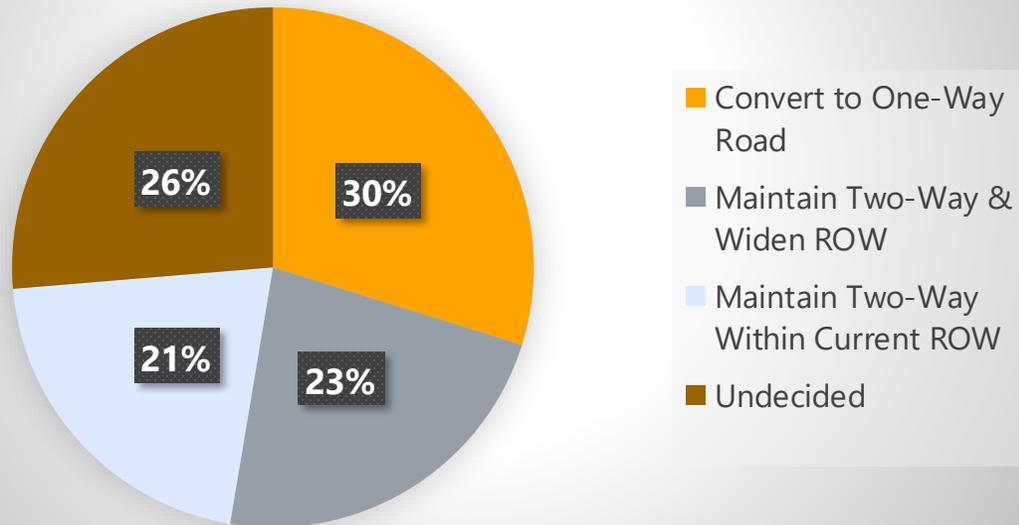
SURVEY RESULTS

Public Online Concerns (109 Responses)

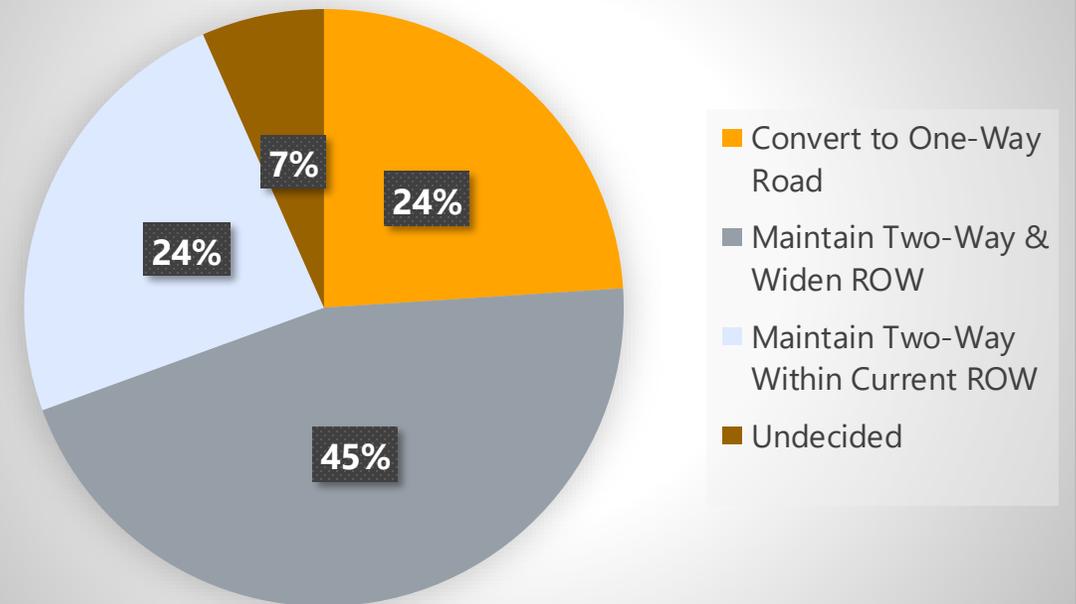


SURVEY RESULTS

Boiler Beach Residents Preferred Solution



Public Online Preferred Solution





Summer Weekend Daily Traffic Volumes

- Daily traffic volumes increase approximately 25% during summer weekends
- The peak hour volumes are approximately 10% of the daily volumes



Key Issues

From the Comments Received to Date

The 4 most common issues/concerns are:

- 1) Safety of Pedestrians
- 2) Safety of Cyclists
- 3) Protecting the Shoreline, and
- 4) Traffic Speeds



Pedestrians

- With no sidewalk or pathway, pedestrians are required to walk on the road
- Provision of pedestrian crossings could also be considered at key locations
- Within Kincardine, a pathway / paved shoulder has been provided on the west side
- If a pathway is provided it should be extended to connect to Kincardine's existing pathway



Cyclists

Boiler Beach Road:

- Is designated as part of the Great Lakes Waterfront Trail
- Is a popular cycling route for families



Protecting the Shoreline

- Remains an important goal of the Township
- Is vital to control erosion
- Limits the amount of the existing roadway right-of-way (ROW) that is available for improvements



Protecting the Shoreline



The roadway is not centered in the ROW and the protected shoreline already occupies a variable portion of the existing 20 metre right-of-way

Traffic Speeds

Speed Enforcement Evaluator

Location:
34 Boiler Beach Road

Closest Cross Street:
Huronville Street

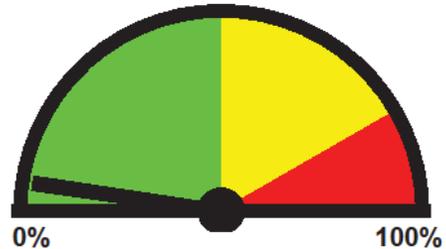
Analysis Dates:
July 16, 2020
July 21, 2020

Equipment Used:

Installed By:
J.Y.

Requested By:

Total Percentage of
Enforceable Violations



Posted Speed Limit: 40 KPH
Enforcement Tolerance: 10 KPH
Enforcement Limit: 51 KPH & Up
Percentage Above Limit: 4.8%
Enforcement Rating: **LOW**

Speed Enforcement Evaluator

Location:
83 Boiler Beach Road

Closest Cross Street:
Kennedy Road

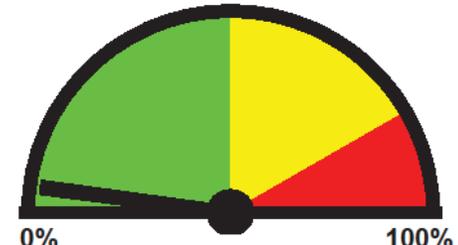
Analysis Dates:
July 22, 2021
July 27, 2021

Equipment Used:

Installed By:
J,Y,

Requested By:

Total Percentage of
Enforceable Violations



Posted Speed Limit: 40 KPH
Enforcement Tolerance: 10 KPH
Enforcement Limit: 51 KPH & Up
Percentage Above Limit: 4.3%
Enforcement Rating: **LOW**

Traffic Speed Surveys

Speed Enforcement Evaluator

Location:
18 Boiler Beach Rd

Closest Cross Street:
Huronville St.

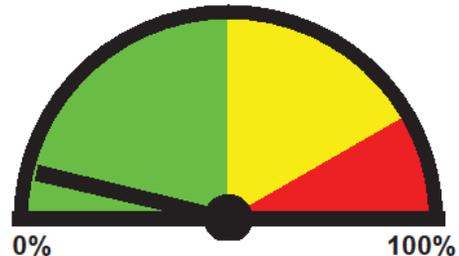
Analysis Dates:
July 14, 2022
July 20, 2022

Equipment Used:

Installed By:
M.G.

Requested By:

Total Percentage of
Enforceable Violations



Posted Speed Limit: 40 KPH
Enforcement Tolerance: 10 KPH
Enforcement Limit: 51 KPH & Up
Percentage Above Limit: 7.6%
Enforcement Rating: **LOW**

Speed Enforcement Evaluator

Location:
56 Boiler Beach Rd

Closest Cross Street:
Con. 12

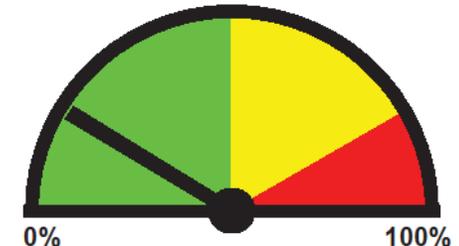
Analysis Dates:
June 30, 2022
July 6, 2022

Equipment Used:

Installed By:
M.G.

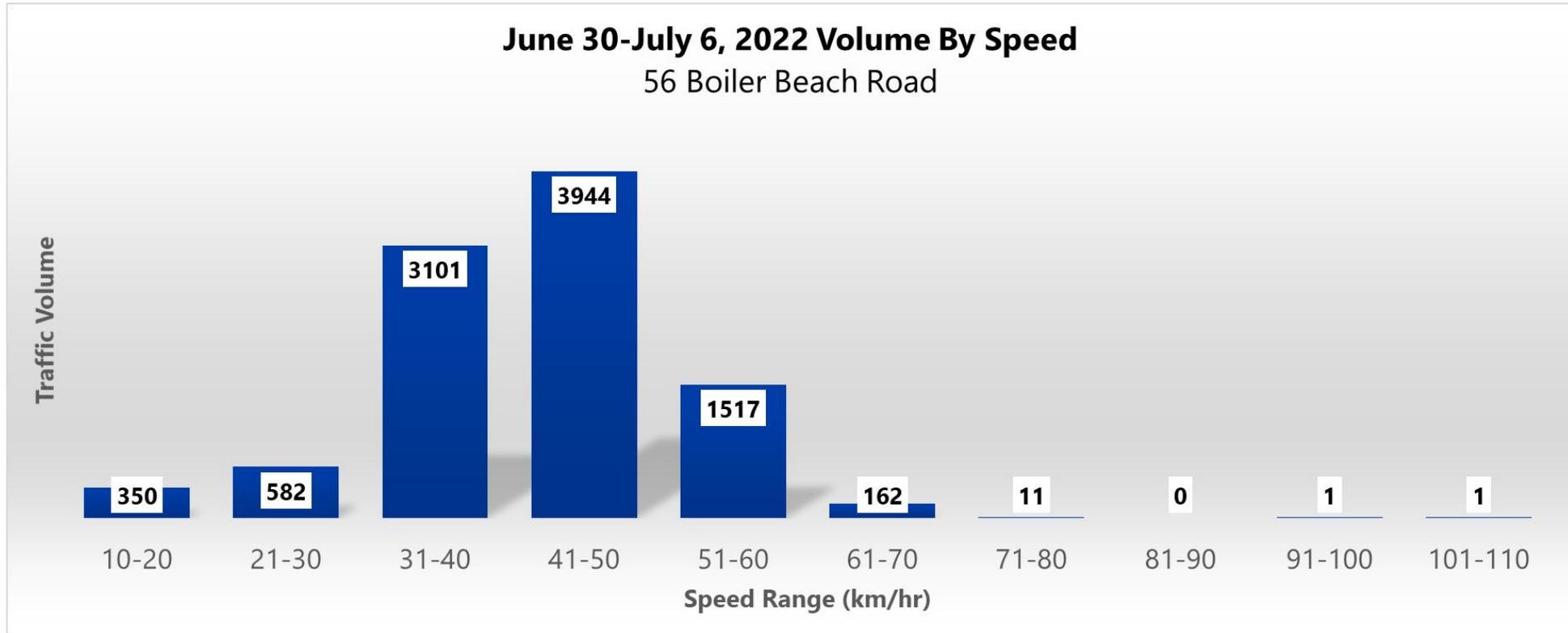
Requested By:

Total Percentage of
Enforceable Violations



Posted Speed Limit: 40 KPH
Enforcement Tolerance: 10 KPH
Enforcement Limit: 51 KPH & Up
Percentage Above Limit: 17.5%
Enforcement Rating: **LOW**

Speed Profile at 56 Boiler Beach Road



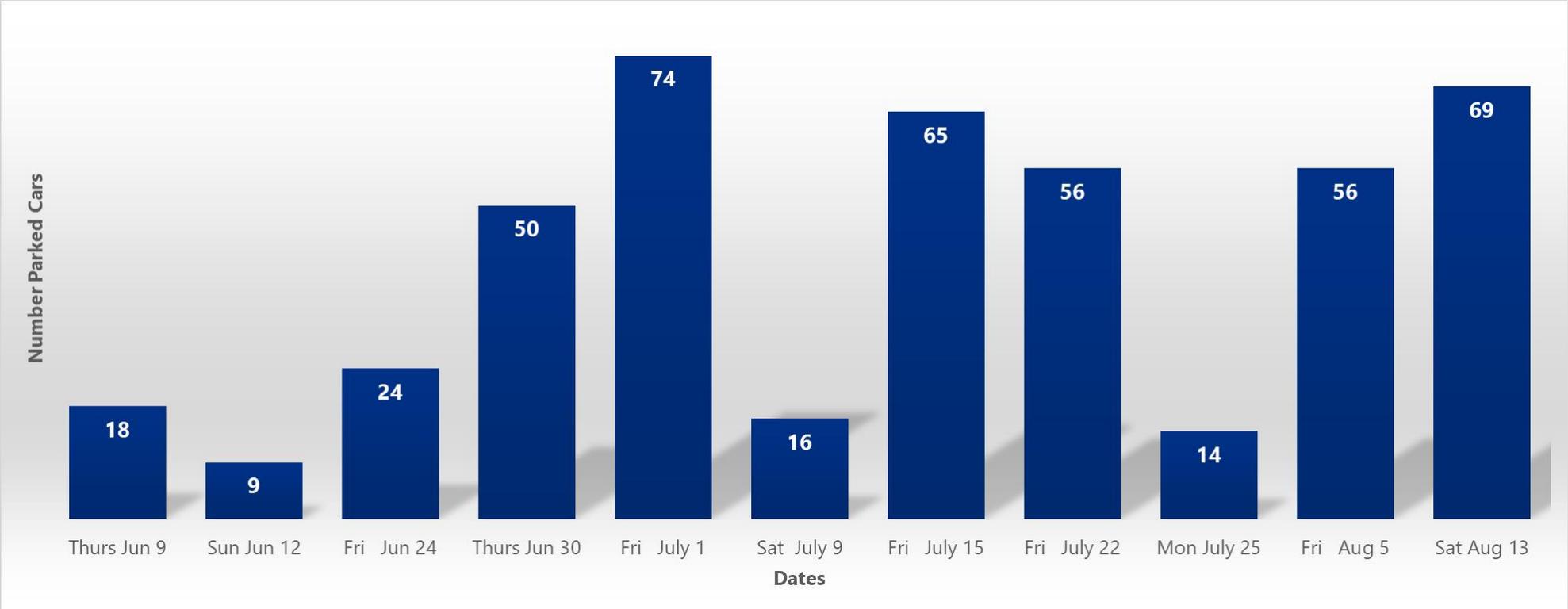
Other Issues

Parking

- Weekend on-street parking is typically concentrated in key locations along the corridor
- In some areas, parked vehicles can effectively reduce the roadway to a single lane



Boiler Beach Road Parking



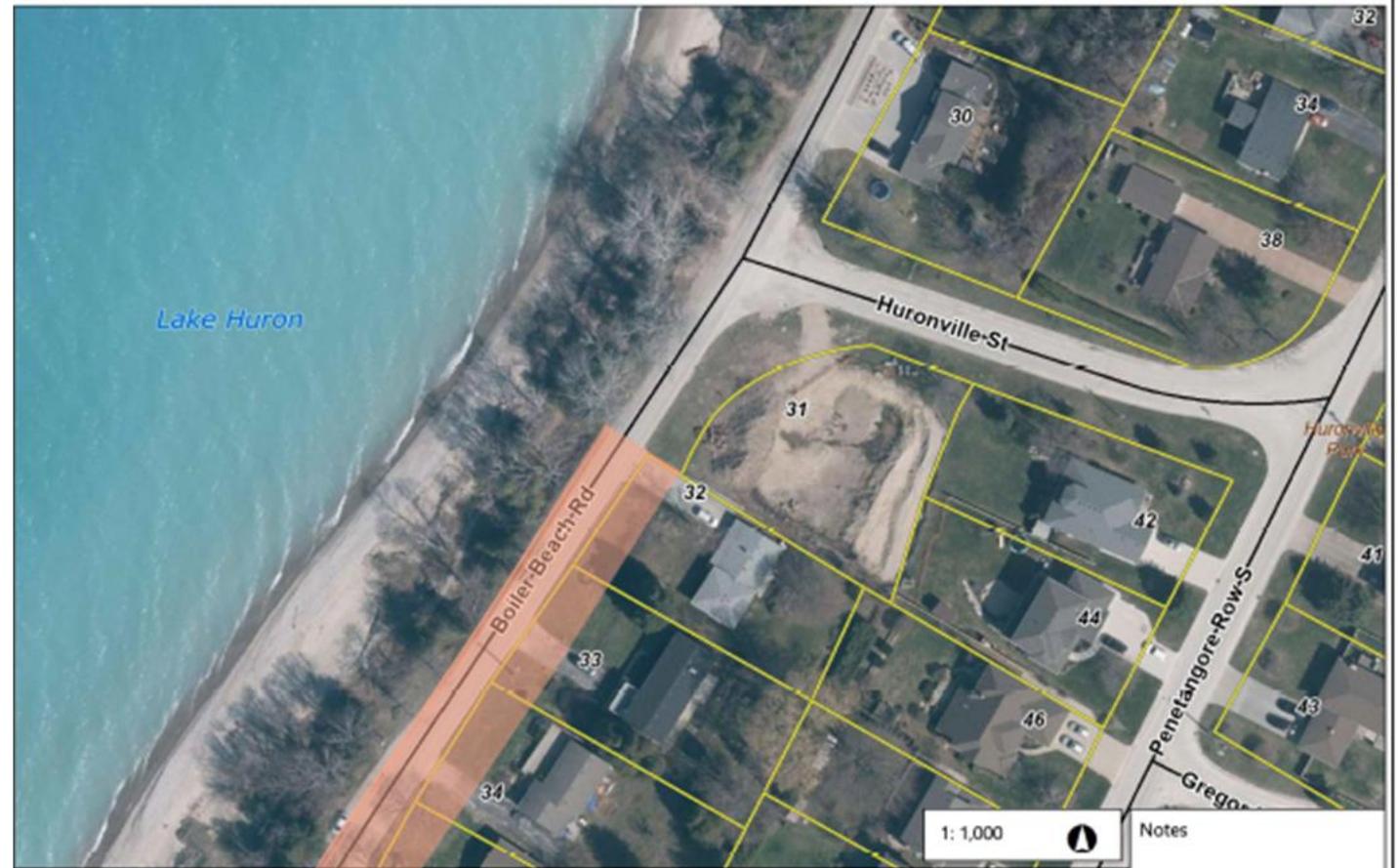
Potential Alternatives

These include:

- Maintaining two-way traffic
- One-way northbound traffic
- One-way southbound traffic

Maintaining 2-way Traffic

A potential design alternative that would allow for a separate multi-use path while maintain 2-way traffic and parking would require additional property.



Maintaining 2-way Traffic



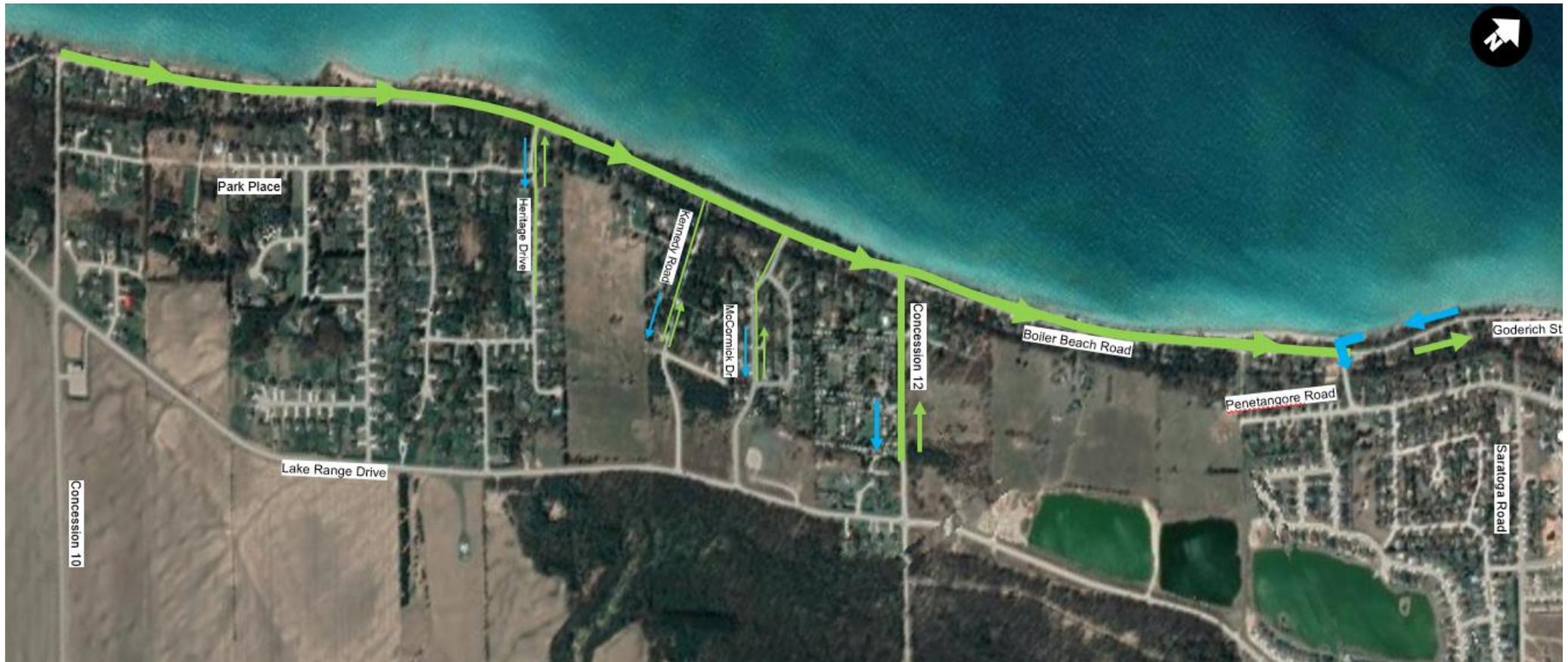
Potential Property Requirements

Property required to widen the roadway will also impact driveways, reducing the parking that residents currently have.

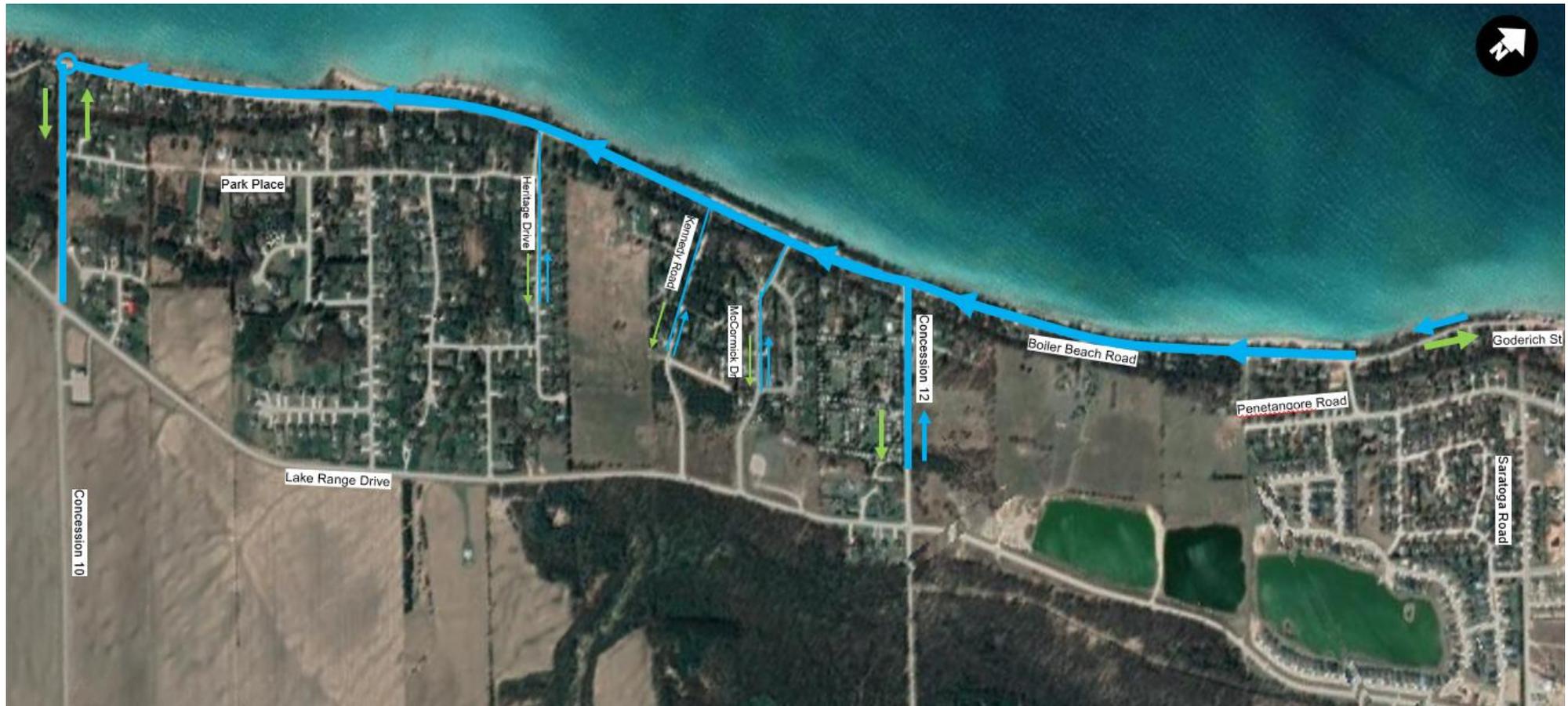
Impact on existing utilities would also need to be considered.



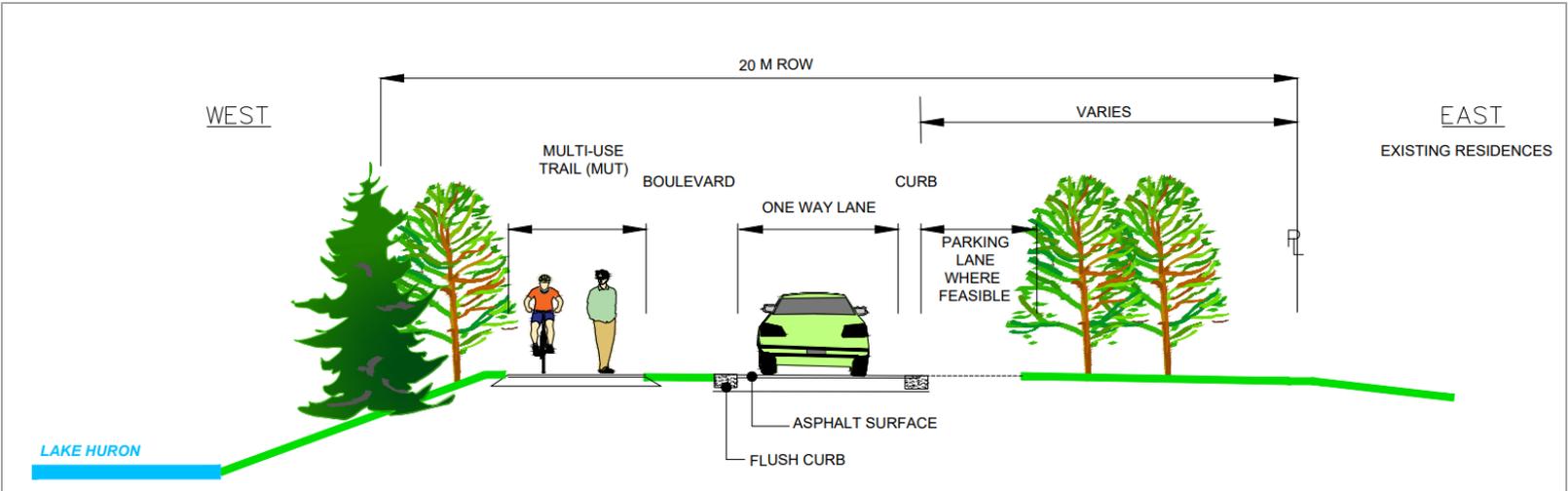
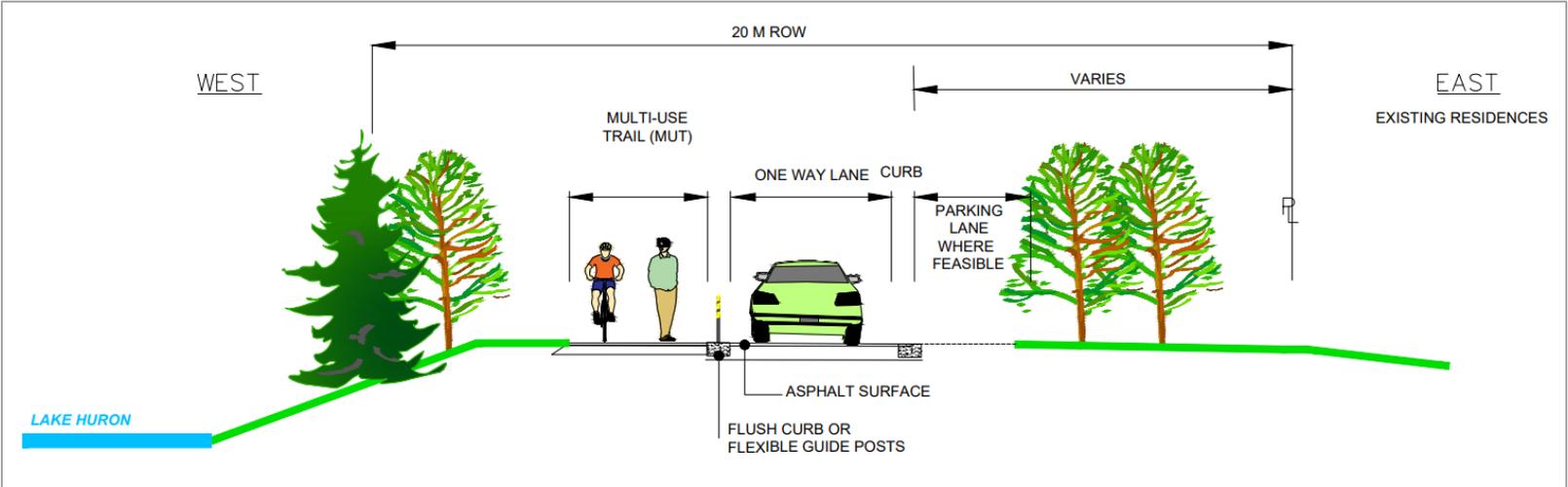
One-way Northbound



One-way Southbound



Sample One-way Cross Sections



One-way traffic:

- Reducing the roadway width will help control traffic speed (traffic calming)
- Would reduce traffic volumes along the corridor
- Limits property requirements while better accommodating pedestrians and cyclists
- Should result in a limited amount of out-of-way travel for resident's trips in the opposing direction (an average of up to approximately 2–3 minutes)

Community Café

Café Process

- Participants will be divided into small groups to allow conversations and dialogue about different topics.
- A recorder will make notes of the discussion of problems and potential solutions, and pose questions if needed to generate discussion.
- At the conclusion of a discussion period, recorders will change tables, bringing new topics for discussion. Participants are free to sit out a session.

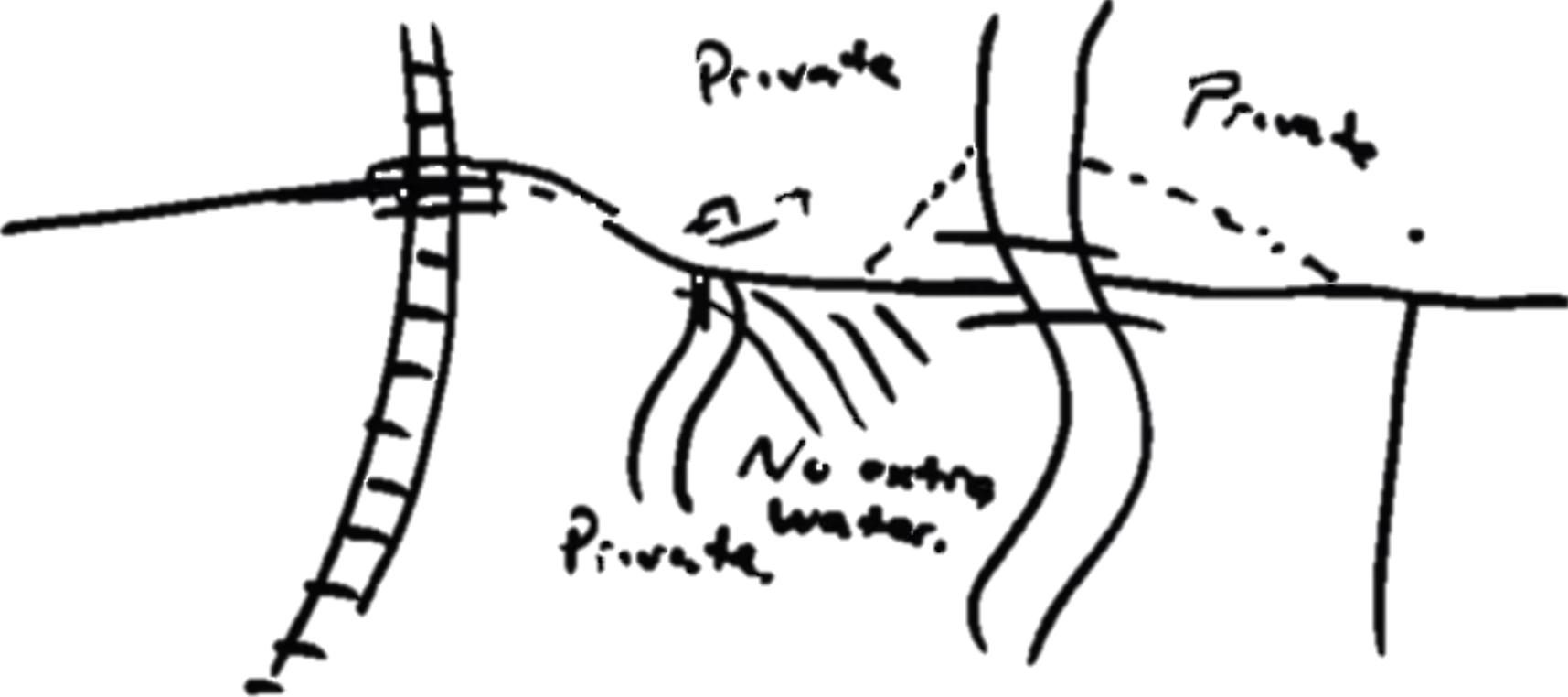
Café Approach

- Focus on dialogue between neighbours
- We are here to listen to your values and priorities
- Informal discussion of topics
- Encouraged to doodle sketches
- Build consensus of perspectives
- Discussion will be recorded

Small Group Discussions



Sample Doodle



Café Discussion Topics

- Concerns for Safety of Pedestrians and Cyclists
- Existing Traffic
- Consideration for One-way Traffic
- Parking and Other Concerns

Next Steps

Next Steps



Prepare Community Café
Summary Report



Review of Alternative
Planning Solutions



Evaluate Preliminary
Alternatives



Present Report to Council
for consideration as part
of a potential future EA

Next Steps

How can you remain involved in the Study?

- Request that your name/e-mail be added to the mailing list
- Contact the Township's representative or the consultant at any time:

Stephen Brook, P.Eng.
Project Manager,
BT Engineering Inc.
509 Talbot Street
London, Ontario N6A 2S5
Tel: 519-672-2222
Email: Stephen.brook@bteng.ca

John Yungblut
Director of Public Work
Township of Huron-Kinloss
21 Queen Street
P.O. Box 130
Ripley, Ontario N0G 2R0
Tel: 519-395-3735
Email: jyungblut@huronkinloss.com