



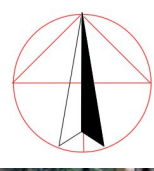
# **City of Kawartha Lakes**

## **CKL 36 and Cedartree Lane/Duke Street New Traffic Signal Design**

**Public Information Centre**  
**November 30, 2023**



# City of Kawartha Lakes





# Welcome

- ❑ Please sign-in at the front entrance if you have not already done so.
- ❑ Review the display material and feel free to discuss the project with design team members in attendance.
- ❑ We invite you to provide comments, in writing, on the Comment Sheet provided.

Thank you! Your input is appreciated!

## Purpose of Project

The City of Kawartha has initiated a traffic calming initiative for the CKL 36 and Cedartree Lane/Duke Street intersection. Concept Dash Inc is retained to study the and design the intersection.

## Purpose of this Public Information Centre

To present the proposed improvements, answer questions, and seek community feedback to help guide the design process.

# Collision Analysis





# Option 1 - Do Nothing



## PROS

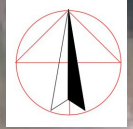
- Cost effective
- No changes to the intersection layout

## CONS

- Traffic operational challenges
- Increased safety concerns
- Traffic flow issues



# Option 2A - Median



## PROS

- Cheaper alternative (cost effective)
- Left turn compliance

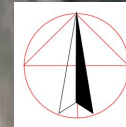


## CONS

- Maintenance and repairs
- Bike Lane removal



# Option 2B - Pork chop island



## PROS

- Increase safety for motorists
- Improve traffic operations
- Reduce conflicts between vehicles



## CONS

- Restrict left turn movements
- Additional travel time and inconvenience to motorists
- Compliance/Enforcement
- Additional signage
- Increase of U turns (3 point turn)



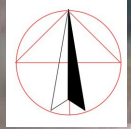
# Option 3A - No North

## PROS

- Increase safety for motorists
- Improve traffic operations
- Reduce conflicts between vehicles

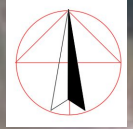
## CONS

- Restrict Right turn movements
- Additional travel time and inconvenience to motorists
- Additional signage
- Increased U Turns (3 Point Turn)





# Option 3B - Cul-De-Sac



## PROS

- Increase safety for motorists
- Improve traffic operations
- Reduce conflicts between vehicles



## CONS

- Potential concerns from EMS
- Snow Removal potential issue
- Additional travel time and inconvenience to motorists
- Additional signage
- Increased U Turns



# Option 3C - Cul-De-Sac- Knucklehead

## PROS

- Increase safety for motorists
- Improve traffic operations
- Reduce conflicts between vehicles

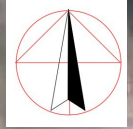


## CONS

- Potential concerns from EMS
- Snow Removal potential issue
- Additional travel time and inconvenience to motorists
- Additional signage
- Increased U Turns



# Option 4 - Roundabout



## PROS

- Safer Movements
- Reduced Queues
- Lower Delays

## CONS

- Impacts Utility
- Requires Reconstruction on South West corner
- Potential Property Acquisition



## Project Timelines

- ❑ The detailed design is anticipated to be complete in April 2024.
- ❑ Utility relocation/Property acquisition Summer 2024.
- ❑ Construction tentatively scheduled for Fall 2024.