



City of  
Courtenay

# Road Construction Options Cousins Avenue

Presented by:  
City of Courtenay



# Cousins Avenue Upgrades

## Quick Facts

**What?** Above and below ground upgrades on Cousins Ave

**Why?** Road surface has reached its service life

**Where?** Between Willemar Ave and 20th St

**Who?** McElhanney has developed three design options

**When?** Detailed design in 2024, construction in 2025



# Project Map



# Project Overview

## Managing mixed-use



## Parking



# Options Overview

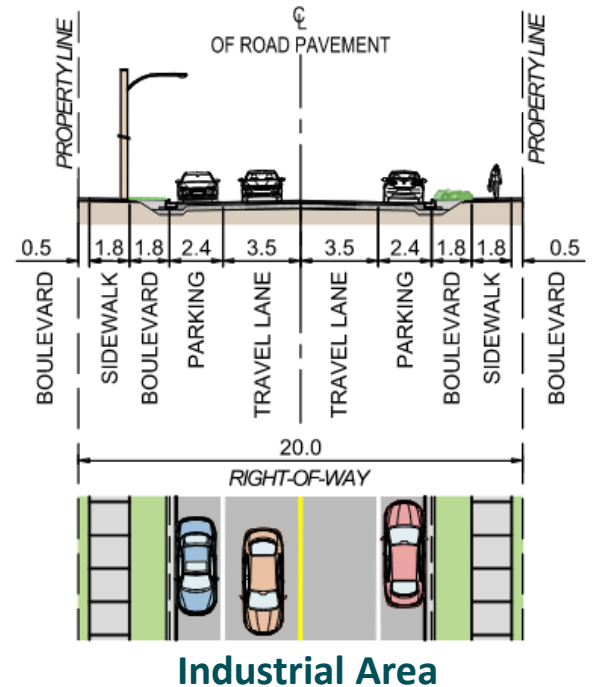
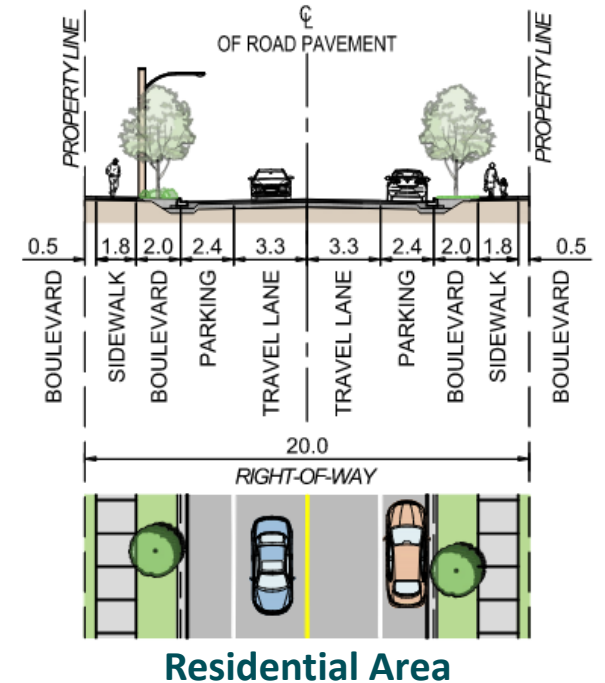
## All options feature:

- Widened travel lanes (compared to City standard)
- Boulevard space and street trees
- Raised crosswalk at Cousins Park access
- Option to add speed table in residential section
- Option for curb bump outs for traffic calming

# Option 1

## Standard Option

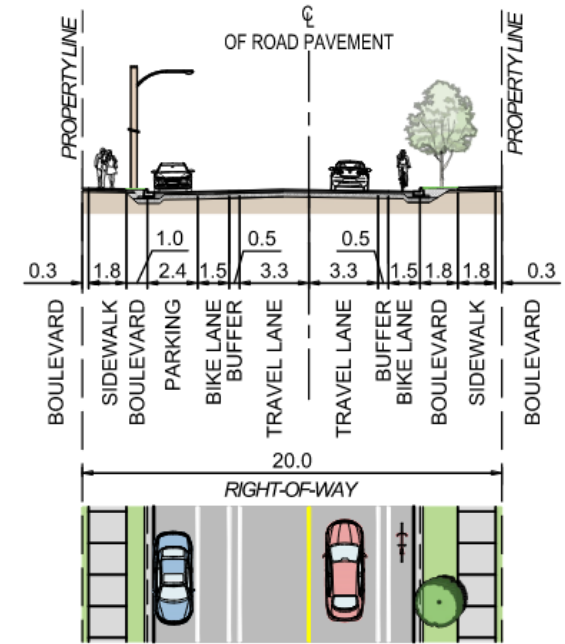
- Sidewalks, parking, boulevard on both sides of the road
- Road signage to limit truck traffic in residential areas



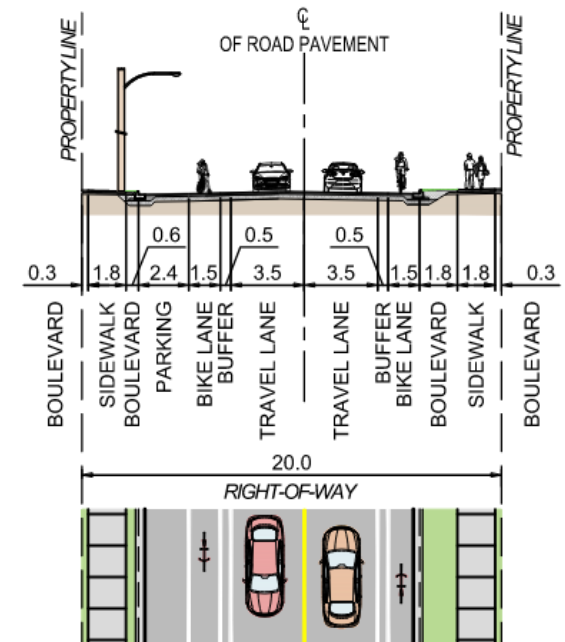
# Option 2

## Bike Lane Option

- Sidewalks and boulevard on both sides of the road
- Bike lanes on both sides of the road
- Parking on one side of the road
- Road signage to limit truck traffic in residential areas



**Residential Area**

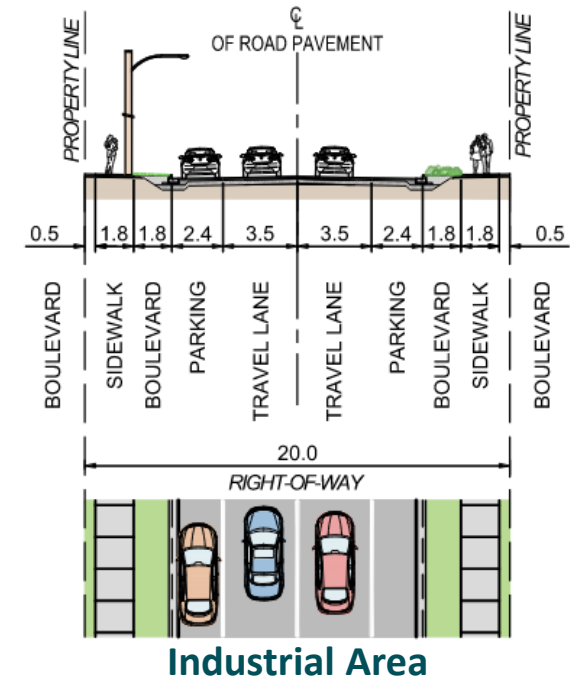
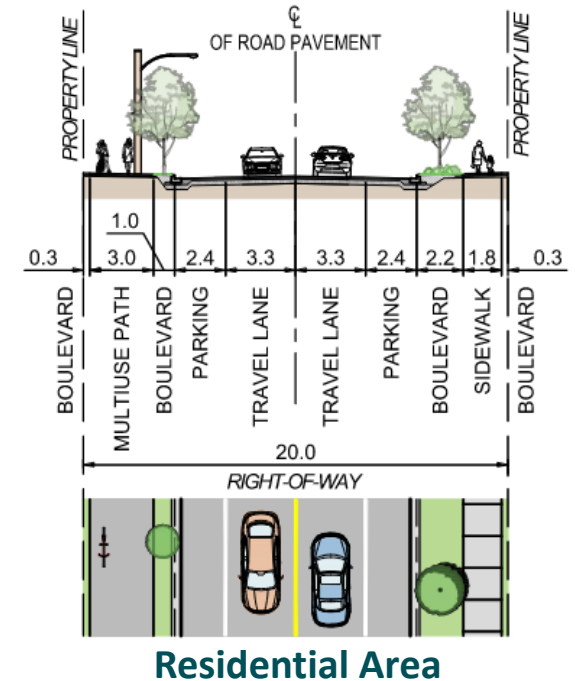


**Industrial Area**

# Option 3

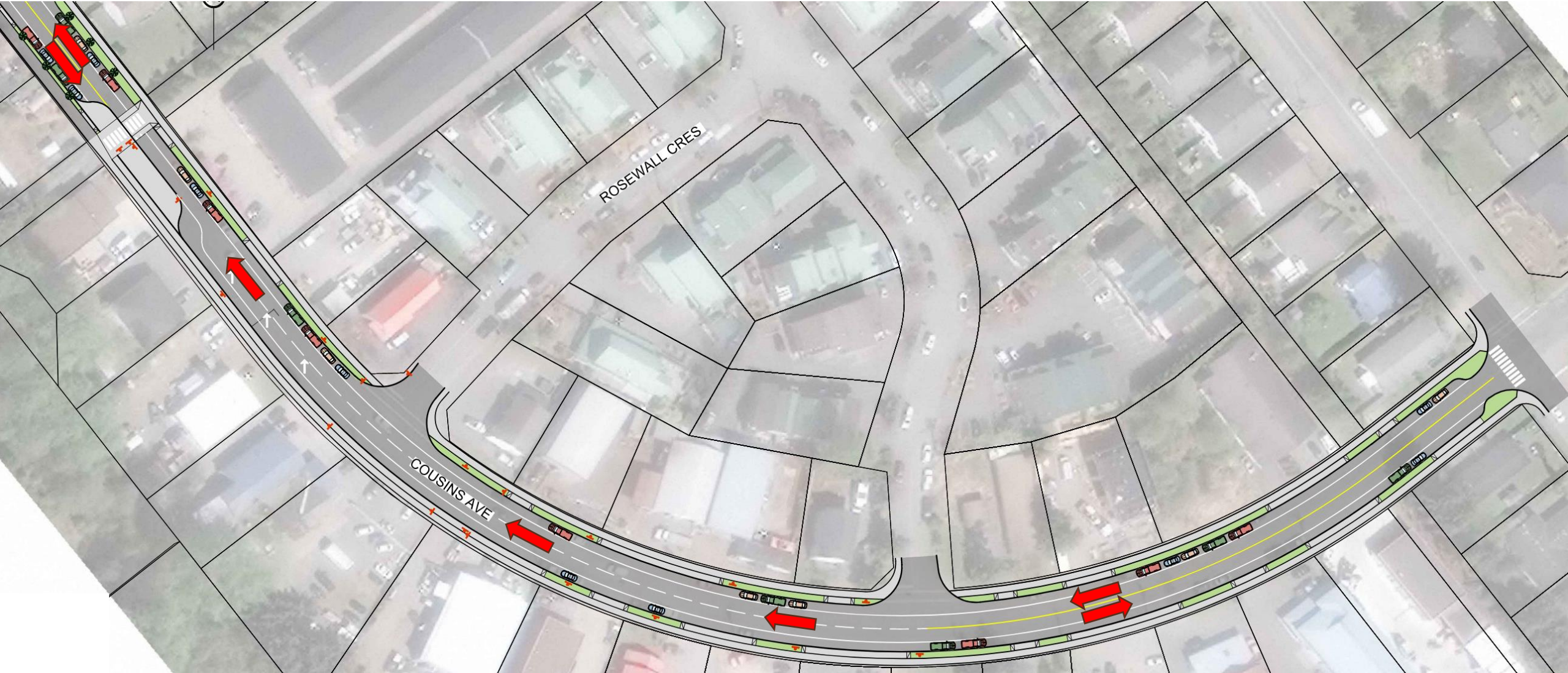
## Active Transportation and One-Way Option

- Parking on both sides of the road
- Multi-use path on one side of the road in residential section
- One way traffic in industrial section to limit truck traffic in residential areas



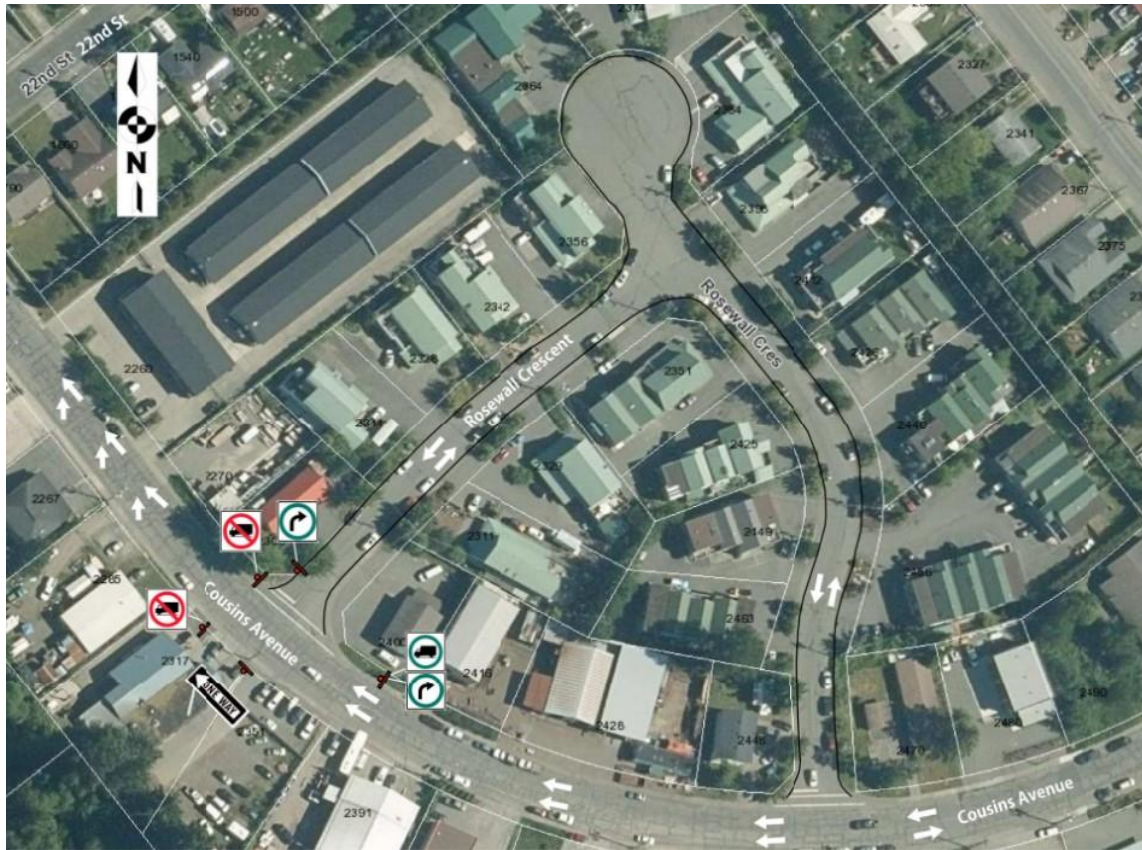


# One-way Traffic on Cousins Ave

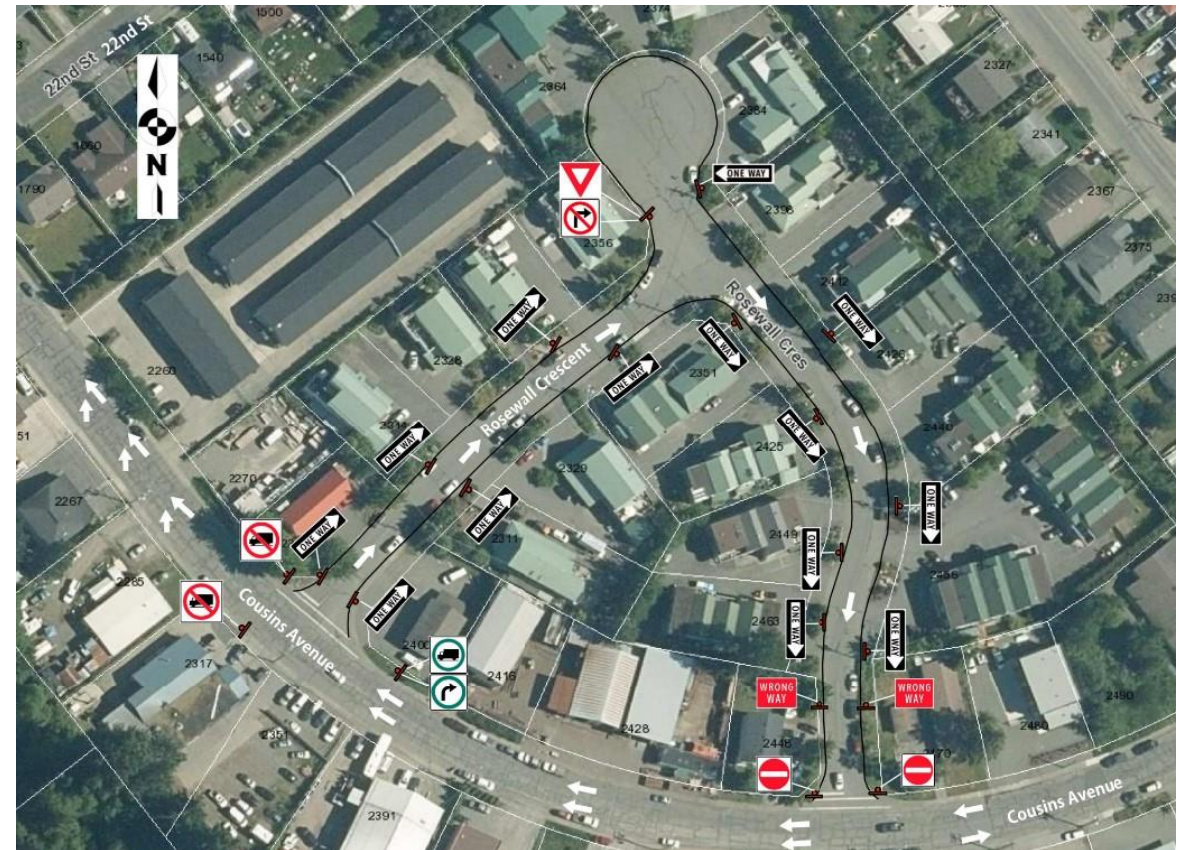


# One-way Traffic on Rosewall Cres

Rosewall Cres two-way:



Rosewall Cres one-way:



# Parking

## Option 1

- Maintains existing parking configuration on Cousins Ave

## Option 2

- Reduces parking to one side of road

## Option 3

- Maintains existing parking configuration on Cousins Ave
- May reduce parking on Rosewall Cres

# Evaluation Matrix

Themes/Design Criteria	OPTION 1	OPTION 2	OPTION 3
<b>Scoring: -3 = lowers value, 0 = maintains existing conditions, 3 = improves value</b>			
Traffic Calming on Cousins Ave	2	2	3
Traffic Calming on Rosewall Cres	0	0	-2
Maintain or Improve On-Street Parking	0	-3	0
Improved Pedestrian Safety	2	2	2
Improved Cyclist Safety	0	3	1
Improved Vehicular Safety	1	1	1
Traffic Volumes on Cousins Ave	0	0	3
Traffic Volumes on Rosewall Cres	0	0	-2
Increased Green Space	3	2	2
Impacts to Businesses	0	-1	-2
Operations and Maintenance Costs	-1	-1	-1
<b>TOTAL SCORES</b>	<b>7</b>	<b>5</b>	<b>5</b>



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Closing/Questions

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