

## Phase 1 Engagement Summary & Phase 2 Growth Scenarios



### Study Area

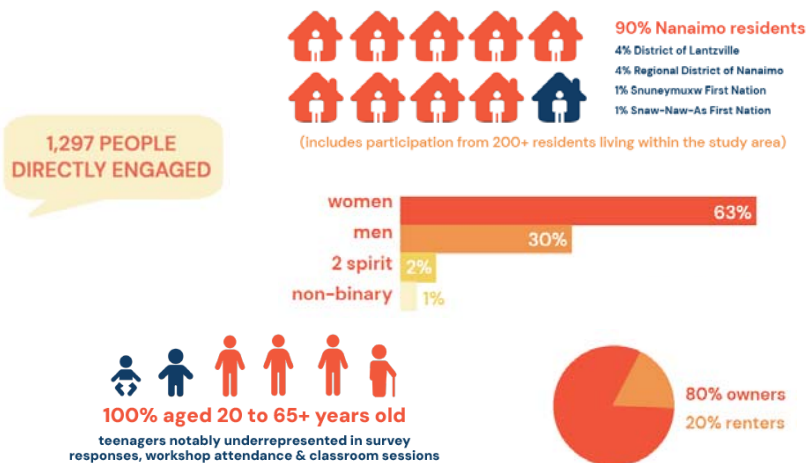


## Process & Outcome

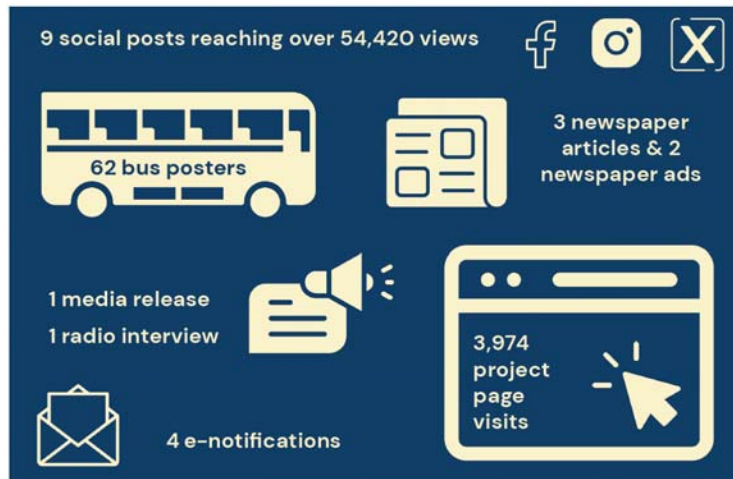


## PHASE 1 – ENGAGEMENT SUMMARY

### WHO PARTICIPATED



## PHASE 1 – ENGAGEMENT SUMMARY OUTREACH & COMMUNICATIONS



## PHASE 1 – ENGAGEMENT SUMMARY KEY FINDINGS

### HOUSING

#### TOP THINGS PEOPLE HAD TO SAY ABOUT HOUSING



- 1 Supportive of increased density
- 2 Need for affordable housing options
- 3 Desire for greenery and visual variety (less concrete & fewer 'boxy' structures)
- 4 Create spaces where residents feel safe

### TRANSPORTATION

#### TOP THINGS PEOPLE HAD TO SAY ABOUT TRANSPORTATION



- 1 Improvements needed for pedestrian & cycling infrastructure
- 2 Challenges with traffic congestion (specific intersections, Costco parking area)
- 3 Desire for more frequent transit service

## PHASE 1 – ENGAGEMENT SUMMARY

### KEY FINDINGS

#### ACCESS TO DAILY NEEDS



##### TOP THINGS PEOPLE HAD TO SAY ABOUT DAILY NEEDS

- 1 Desire for more parks, green spaces, natural areas, cultural & recreational facilities
- 2 Opportunities for placemaking & “third spaces”
- 3 Desire for swimming pool & ice arena
- 4 Support for local businesses & smaller retail

#### INFRASTRUCTURE



##### TOP ACTIONS THE CITY SHOULD TAKE TO PRIORITIZE STORMWATER MANAGEMENT WITH NEW DEVELOPMENT/ REDEVELOPMENT:

- 1 Planting trees to absorb rainwater
- 2 Installing pervious landscape (rain gardens, bioswales) to collect runoff
- 3 Implementing green roofs on buildings
- 4 Utilizing stormwater retention pods to manage water flow

## PHASE 2 – GROWTH SCENARIOS

### ASSESSMENT

#### PURPOSE

- Under the implications that **residential** and **commercial growth** over the next 30 years may have on the **transportation and infrastructure network**, and Woodgrove residents’ ability to **access their daily needs**.
- What actions can be taken to support the Woodgrove Urban Centre transforming into a complete community.

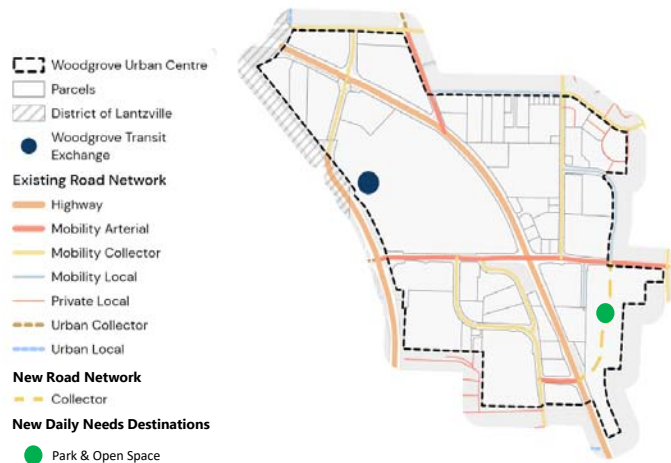
## PHASE 2 – SCENARIOS FINDINGS

### GROWTH SCENARIO PARAMETERS

CATEGORY	PARAMETER	SCENARIO 1	SCENARIO 2	SCENARIO 3
POPULATION, HOUSING & RETAIL	New Population	2,500 people	5,000 people	7,500 people
	New Housing Units	1,274 units	2,548 units	3,823 units
	New Retail Space	40,000 ft <sup>2</sup>	80,000 ft <sup>2</sup>	120,000 ft <sup>2</sup>

## PHASE 2 – SCENARIOS FINDINGS

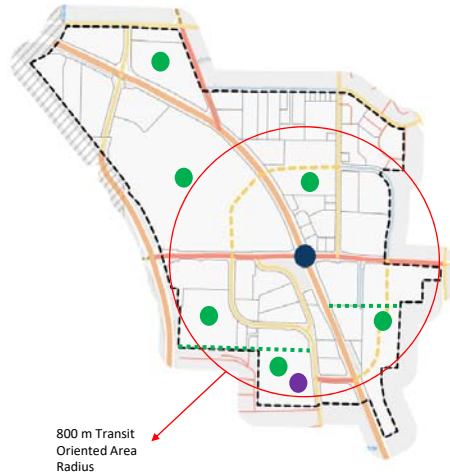
### SCENARIO 1 | PARAMETERS



## PHASE 2 – SCENARIOS FINDINGS

### SCENARIO 2 | PARAMETERS

- Woodgrove Urban Centre
- Parcels
- District of Lantzville
- Woodgrove Transit Exchange
- Existing Road Network**
  - Highway
  - Mobility Arterial
  - Mobility Collector
  - Mobility Local
  - Private Local
  - Urban Collector
  - Urban Local
- New Road Network**
  - Collector
- New Multi-Use Paths**
  - Multi-Use Paths
- New Daily Needs Destinations**
  - Park & Open Space
  - Daycare



## PHASE 2 – SCENARIOS FINDINGS

### SCENARIO 3 | PARAMETERS

- Woodgrove Urban Centre
- Parcels
- District of Lantzville
- Woodgrove Transit Exchange
- Existing Road Network**
  - Highway
  - Mobility Arterial
  - Mobility Collector
  - Mobility Local
  - Private Local
  - Urban Collector
  - Urban Local
- New Road Network**
  - Collector
- New Multi-Use Paths**
  - Multi-Use Paths
- New Daily Needs Destinations**
  - Park & Open Space
  - Daycare



## PHASE 2 – TRANSPORTATION FINDINGS



### SCENARIO 1

- No improvements to transit access & frequency
- Key intersections remain congested
- Car-dependent, limited progress towards supporting walking, cycling & transit

### SCENARIO 2

- Moderate improvements to transit access & frequency
- Improvements to some intersections and traffic flow with the introduction of the new ring road
- Increase traffic from citywide growth still strains key routes, even with new pedestrian & cycling infrastructure

### SCENARIO 3

- Greatest improvements to transit access & frequency
- Traffic at key intersections remains a challenge due to regional pass-thru traffic
- Shift toward lower car use helps reduce overall vehicle volumes despite ongoing development

## PHASE 2 – ACCESS TO DAILY NEEDS FINDINGS



### SCENARIO 1

- Slight improvements to accessing daily needs
- Why? New pedestrian & cycle route and park & open space at Bowers District
- Large gaps remain in pedestrian & cycling infrastructure and destinations across the whole area

### SCENARIO 2

- Moderate improvements to accessing daily needs
- Why? Introduction of new destinations & infill of pedestrian & cycling infrastructure within 800 m radius of transit exchange
- Moderate gaps remain outside of 800 m radius and along Island Hwy

### SCENARIO 3

- Greatest improvements to accessing daily needs
- Why? Introduction of new destinations & infill of pedestrian & cycling infrastructure across entire study area



## PHASE 2 – INFRASTRUCTURE FINDINGS



### **Sanitary Sewer**

- Phased upgrades required for each scenario to maintain system functionality
- Upgrades to regional pipes triggered at 15,000 people

### **Water System**

- Phased upgrades required for each scenario to maintain adequate supply and fire flow

### **Stormwater System**

- Phased upgrades required for each scenario to manage major storm events.

### **Hydro & Natural Gas**

- Across all scenarios, upgrades are required to both hydro and natural gas infrastructure to meet anticipated demand.

## Next Steps

- Engage with community on Phase 2 findings
- Explore policies, actions and incentives for Preferred Scenario in Phase 3

