

Phase 1 Engagement Summary & Phase 2 Growth Scenarios



Study Area

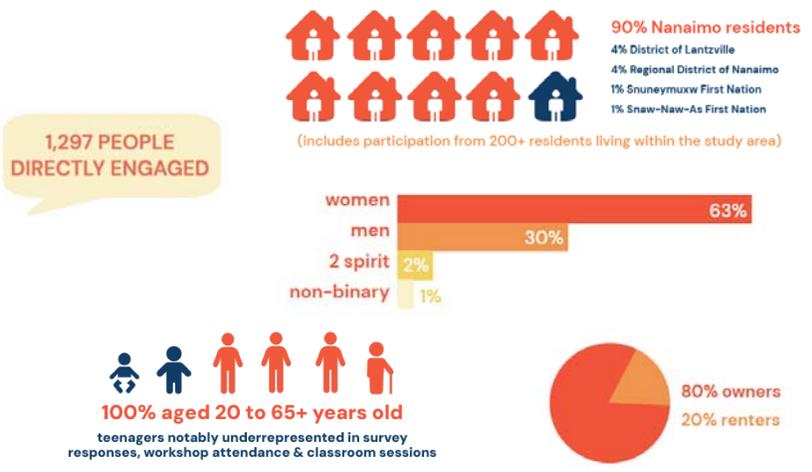


Process & Outcome

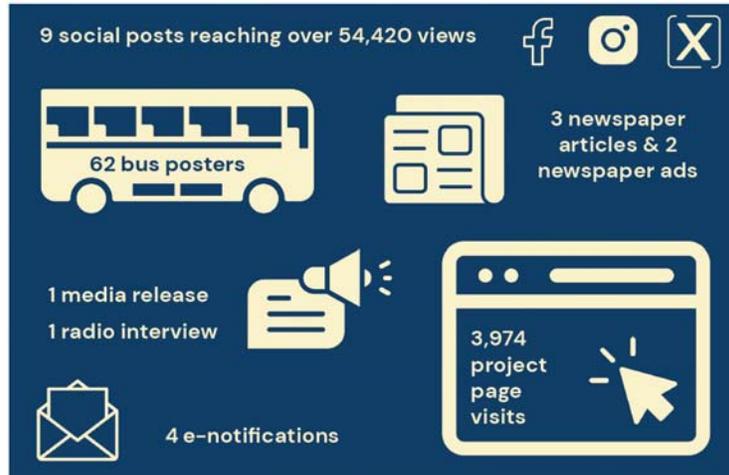


PHASE 1 – ENGAGEMENT SUMMARY

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.

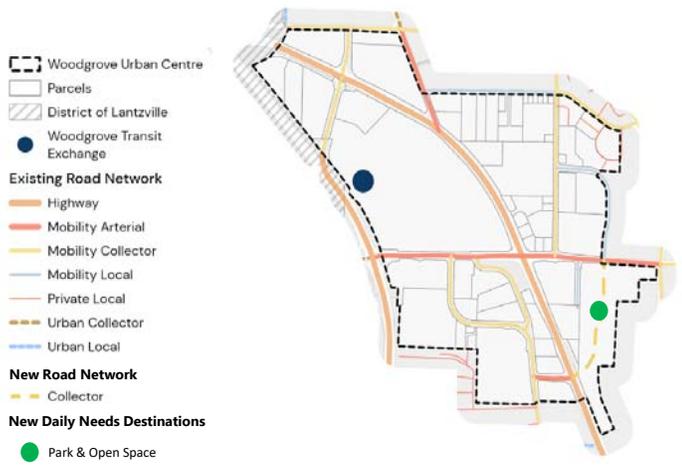
PHASE 2 – SCENARIOS FINDINGS

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 ²	80,000 ft ²	120,000 ft ²

PHASE 2 – SCENARIOS FINDINGS

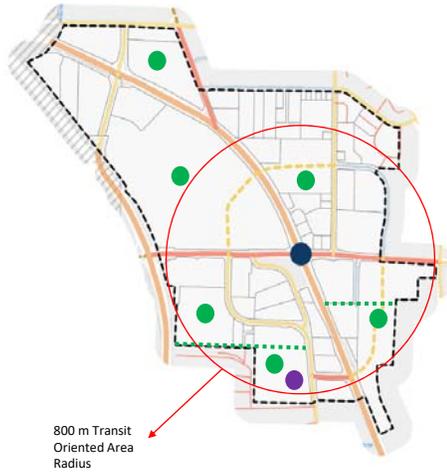
SCENARIO 1 | PARAMETERS



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

