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Reimagine Nanaimo Engagement

CITY OF NANAIMO
THE HARBOUR CITY

There must be a greater emphasis placed on providing secure places to lock bicycles/ e-bikes at places like grocery stores, places of employment etc."

"Secure bike storage options in the downtown core PLEASE"

"Safe ways to store your bicycle, out of the rain"

"...Bike security / bike theft is always a concern for me. I have my bikes registered with Project 529 and have a level 8 lock...but I still don't feel secure about leaving my bikes for any length of time."

"Having safe bike storage for the end of trips - I feel anxious taking my e-bike for errands (when that's the whole reason I bought it) as I worry about it getting stolen. It would be cool to have safe/secure e-bike charging stations at places like malls and downtown and such too, where people are likely to spend more time."

"Good bike lock up facilities for expensive e-bikes - which are the only realistic option for most people who want to use a bike as a means of transportation in a hilly city like Nanaimo."

"Safe lockups for bike is important. I often don't cycle to the stores because of this. Even with effective locks, to come out and have your bike stripped in broad daylight is troubling."

Cycling

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Draft Toolkit: Priority Index

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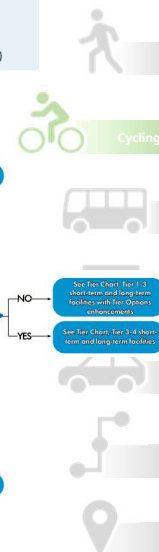
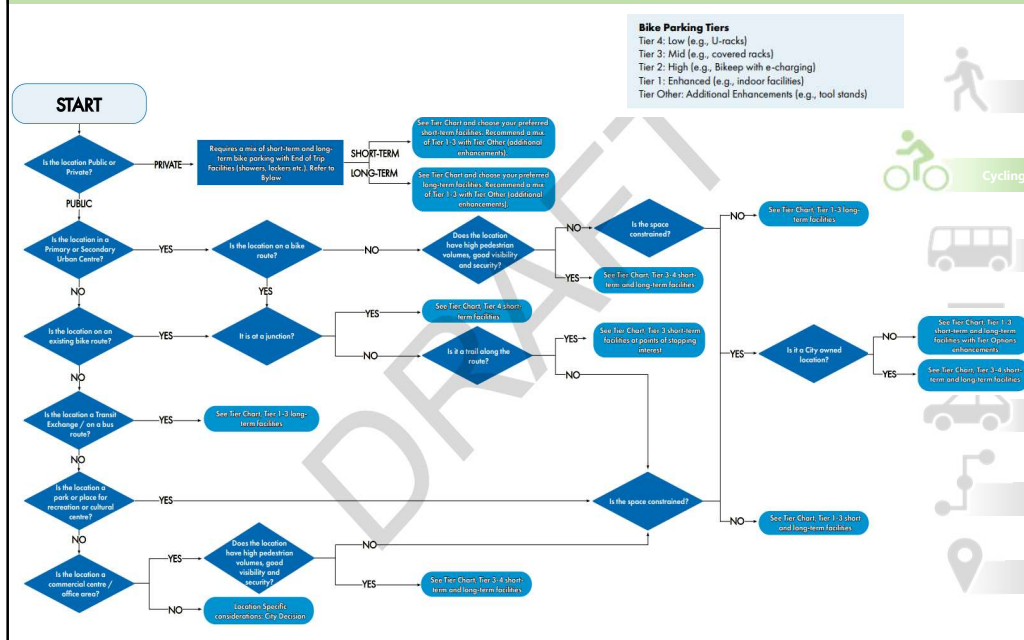
CRITERIA	TYPE	SUBTYPE	WEIGHT	POINTS	SCORE		
1. Destination: Is the location of interest within a 500m radius of one of the following types of destinations? Points may be achieved for all that apply. (20 points max)	School	With Active School Travel Plan	20	/20	/20		
		Without Active School Travel Plan	10	/10			
	Transit Exchange	Primary	10	/10		/10	
		Secondary	8	/8			
	Major Employment	Hospital	8	/8		/8	
		University	8	/8			
	Public Parking	Surface Lot	4	/4		/4	
		Garage	2	/2			
	City of Nanaimo Facility	Community & Activity Centre	4	/4		/4	
		Cultural Space/Facility	4	/4			
2. Bike Route: Is the location of interest within a 200m radius of one of the following types of bike routes? Points may only be achieved for the highest level of bike route. (10 points max)	Primary	Existing	10	/10	/10		
		Proposed	8	/8			
	Secondary	Existing	6	/6		/6	
		Proposed	4	/4			
	Other	Existing	2	/2		/2	
		Proposed	1	/1			
	Trail	Existing	1	/1		/1	
		Proposed	1	/1			
	3. Existing Bike Parking: Is the location of interest within a 50m radius of one of the following types of existing bike parking? Points may be removed for all that apply. (-10 points max)	Short-Term	4th Tier (Low-End Facility)	-2		/-2	/-10
			3rd Tier (Mid-Level Facility)	-3		/-3	
Long-Term		4th Tier (Low-End Facility)	-2	/-2	/-2		
		3rd Tier (Mid-Level Facility)	-3	/-3			
Long-Term		4th Tier (Low-End Facility)	-2	/-2	/-2		
		3rd Tier (Mid-Level Facility)	-3	/-3			
Long-Term		4th Tier (Low-End Facility)	-2	/-2	/-2		
		3rd Tier (Mid-Level Facility)	-3	/-3			
4. Land Use: Is the location of interest within a 100m radius of one of the following land use designations? Points may be achieved for all that apply. (20 points max)		Urban Centre	Primary	10	/10	/20	
			Secondary	10	/10		
	Park	Destination	4	/4	/4		
		Other	4	/4			
	Other	Commercial Centre	4	/4	/4		
		Other	4	/4			
	Bus Rapid Transit	Existing	10	/10	/10		
		Proposed	8	/8			
	Bus Frequent Transit	Existing	8	/8	/8		
		Proposed	6	/6			
5. Transit Route: Is the location of interest within a 200m radius of one of the following transit route designations? Points may only be achieved for the highest level of transit route. (10 points max)	Other	Existing	4	/4	/10		
		Proposed	2	/2			
	Residential Instability	4th - 5th Quintile	5	/5		/5	
		2nd Quintile	3	/3			
	Economic Dependency	4th - 5th Quintile	5	/5		/5	
		2nd Quintile	3	/3			
	Ethno-Cultural Composition	4th - 5th Quintile	5	/5		/5	
		2nd Quintile	3	/3			
	Situational Vulnerability	4th - 5th Quintile	5	/5		/5	
		2nd Quintile	3	/3			
7. Commuter Mode Share ²⁶ : Is the location of interest within a 500m radius of an area with the following mode share? Points may only be achieved for the appropriate mode share. (10 points max)	Active Transport	>25.4%	10	/10	/10		
		15-25%	8	/8			
	Active Transport	10-14.9%	6	/6		/6	
		5-9.9%	4	/4			
	Active Transport	> 3.50%	10	/10		/10	
		2,000 - 3,499	8	/8			
	Population Density per Square Kilometre	2,000 - 2,499	8	/8		/8	
		1,500 - 1,999	6	/6			
	Population Density per Square Kilometre	1,000 - 1,499	4	/4		/4	
							TOTAL



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Draft Toolkit: Facility Selection Flowchart

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Future Design Guide: Example of Parking Tiers

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Bike Parking Tiers
 Tier 4: Low (e.g., U-racks)
 Tier 3: Mid (e.g., covered racks)
 Tier 2: High (e.g., Bikeeep with e-charging)
 Tier 1: Enhanced (e.g., indoor facilities)
 Tier Other: Additional Enhancements (e.g., tool stands)


Tier 1



Tier 2



Tier 3



Tier 4



WALKING & ROLLING CYCLING TRANSIT GOODS MOVEMENT PERSONAL VEHICLES NETWORKS PLACEMAKING

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Additional Examples

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Bike Parking Tiers
 Tier 4: Low (e.g., U-racks)
 Tier 3: Mid (e.g., covered racks)
 Tier 2: High (e.g., Bikeeep with e-charging)
 Tier 1: Enhanced (e.g., indoor facilities)
 Tier Other: Additional Enhancements (e.g., tool stands)

Tier 1



Tier 3



Tier 2



Tier 3



Tier Other: Additional Enhancements



WALKING & ROLLING CYCLING TRANSIT GOODS MOVEMENT PERSONAL VEHICLES NETWORKS PLACEMAKING

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Year 1 - 2024

Commercial Street - Tier Two

Proposed Bikeeep secure bike parking station with e-charging capability.




WALKING & ROLLING CYCLING TRANSIT GOODS MOVEMENT PERSONAL VEHICLES NETWORKS PLACEMAKING

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Year 2 - 2025

Museum Way near Front Street / Harbour Front Parkade: Tier 3

Covered bike parking




Reference

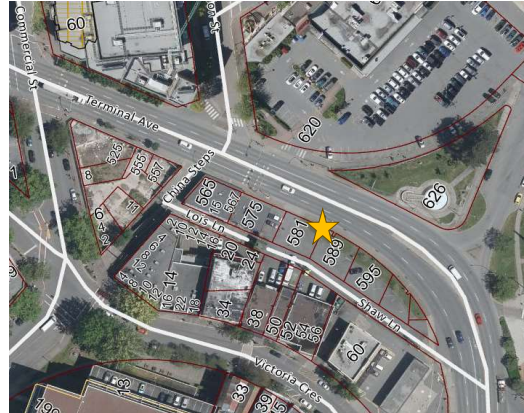
WALKING & ROLLING CYCLING TRANSIT GOODS MOVEMENT PERSONAL VEHICLES NETWORKS PLACEMAKING

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Year 3 - 2026



Future Downtown Transit Exchange - Tier 3 Covered Bike Parking



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Proposed Next Steps:



1. Finalize toolkit and further develop into an automated process; and
2. Fund installation of End of Trip Facilities for each year during 2024-2026.



Recommendation

That Council:

- Direct staff to finalize the end of trip facilities toolkit with \$17,000 from the Strategic Initiatives Reserve Fund.
- Direct staff to amend the 2024-2026 Financial Plan to add \$75,000 per year for 2024, 2025 and 2026 for secure bike parking funded from the Climate Action Reserve Fund.



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