

{DRAFT} BICYCLE END-OF-TRIP FACILITY PRIORITY INDEX

This bike facility priority index scores potential locations for new or improved bike parking and end-of-trip facilities. Add points if the location of interest is within the specified distance for each of the criteria listed below.

CRITERIA	TYPE	SUBTYPE	WEIGHT	POINTS	SCORE	
<div>1. Destination:</div> <div>Is the location of interest within a 50m radius of one of the following types of destinations? Points may be achieved for all that apply.</div> <div>(20 points max)</div>	School	With Active School Travel Plan	20	/20	/20	
		Without Active School Travel Plan	10			
	Transit Exchange	Primary	10	/10		
		Secondary	8			
	Major Employment	Hospital	8	/8		
		University	8			
	Public Parking	Surface Lot	4	/4		
		Garage	2			
	City of Nanaimo Facility	Community & Activity Centre	6	/6		
		Cultural Space/Facility	6			
	Social Service & Support	Day-Use Space	4	/4		
		Emergency Shelter	4			
Other	Emergency Food Provider	4	/6			
	Old City Quarter	6				
<div>2. Bike Route:</div> <div>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.</div> <div>(10 points max)</div>	Primary	Existing	10	/10	/10	
		Proposed	8			
	Secondary	Existing	8	/8		
		Proposed	6			
	Other	Existing	3	/8		
		Proposed	2			
	Trail	Existing	1	/1		
	Short-Term	4 th Tier (Low-End Facility)	-2	/-4		/-10
		3 rd Tier (Mid-Level Facility)	-3			
		1 st - 2 nd Tier (High-End/Enhanced Facility)	-4			
		Long-Term	4 th Tier (Low-End Facility)	-2		
3 rd Tier (Mid-Level Facility)			-4			
1 st - 2 nd Tier (High-End/Enhanced Facility)			-6			
<div>3. Existing Bike Parking:</div> <div>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.</div> <div>(-10 points max)</div>	Urban Centre	Primary	10	/10	/20	
		Secondary	10			
	Park	Destination	6	/6		
		Other	4			
	Other	Commercial Centre	4	/4		
<div>4. Land Use:</div> <div>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.</div> <div>(20 points max)</div>	Bus Rapid Transit	Existing	10	/10	/10	
		Proposed	8			
	Bus Frequent Transit	Existing	8	/8		
		Proposed	6			
	Other	Existing	4	/4		
		Proposed	2			
<div>5. Transit Route:</div> <div>Is the location of interest within a 200m radius of one of the following land use designations? Points may only be achieved for the highest level of transit route.</div> <div>(10 points max)</div>	Residential Instability	4 th - 5 th Quintile	5	/5	/20	
		3 rd Quintile	4			
		2 nd Quintile	3			
	Economic Dependency	4 th - 5 th Quintile	5	/5		
		3 rd Quintile	4			
		2 nd Quintile	3			
	Ethno-Cultural Composition	4 th - 5 th Quintile	5	/5		
		3 rd Quintile	4			
		2 nd Quintile	3			
	Situational Vulnerability	4 th - 5 th Quintile	5	/5		
		3 rd Quintile	4			
		2 nd Quintile	3			
<div>6. Socio-Economic Condition⁽¹⁾:</div> <div>Is the location of interest within a 50m radius of an area with a high deprivation level for the following dimensions of deprivation? Points may be achieved for all that apply.</div> <div>(20 points max)</div>	Active Transport	>25%	10	/10	/10	
		20-24.9%	8			
		15-19.9%				
		10-14.9%	6			
		5-9.9%	4			
	<div>7. Commuter Mode Share⁽²⁾:</div> <div>Is the location of interest within a 50m radius of an area with the following mode shares? Points may only be achieved for the applicable mode share.</div> <div>(10 points max)</div>	Population Density per Square Kilometre	> 3,500	10		/10
2,500 - 3,499						
2,000 - 2,499			8			
1,500- 1,999			6			
1,000 - 1,499			4			
<div>8. Population Density⁽²⁾:</div> <div>Is the location of interest within a 50m radius of an area with one of the following population densities? Points may only be achieved for the applicable population density.</div> <div>(10 points max)</div>						
				TOTAL	/100	

⁽¹⁾ Based on The Canadian Index of Multiple Deprivation (CIMD): Dataset, 2021, which is an area-based index that uses Census of Population microdata to measure four key dimensions of deprivation at the dissemination area (DA)-level. Further information is available through The Canadian Index of Multiple Deprivation: User Guide, 2021.

⁽²⁾ Based on 2021 Census of Population (statcan.gc.ca) at the dissemination area (DA)-level.

{DRAFT} BICYCLE END-OF-TRIP FACILITY SELECTION FLOWCHART

This bike facility selection flowchart identifies suitable bike and end-of-trip facilities for various locations and contexts. Follow the flowchart below to determine the recommended type (i.e. short-term vs. long-term) and level (i.e. Tier 1-4) of facility for your location of interest.

Bike Parking Tiers

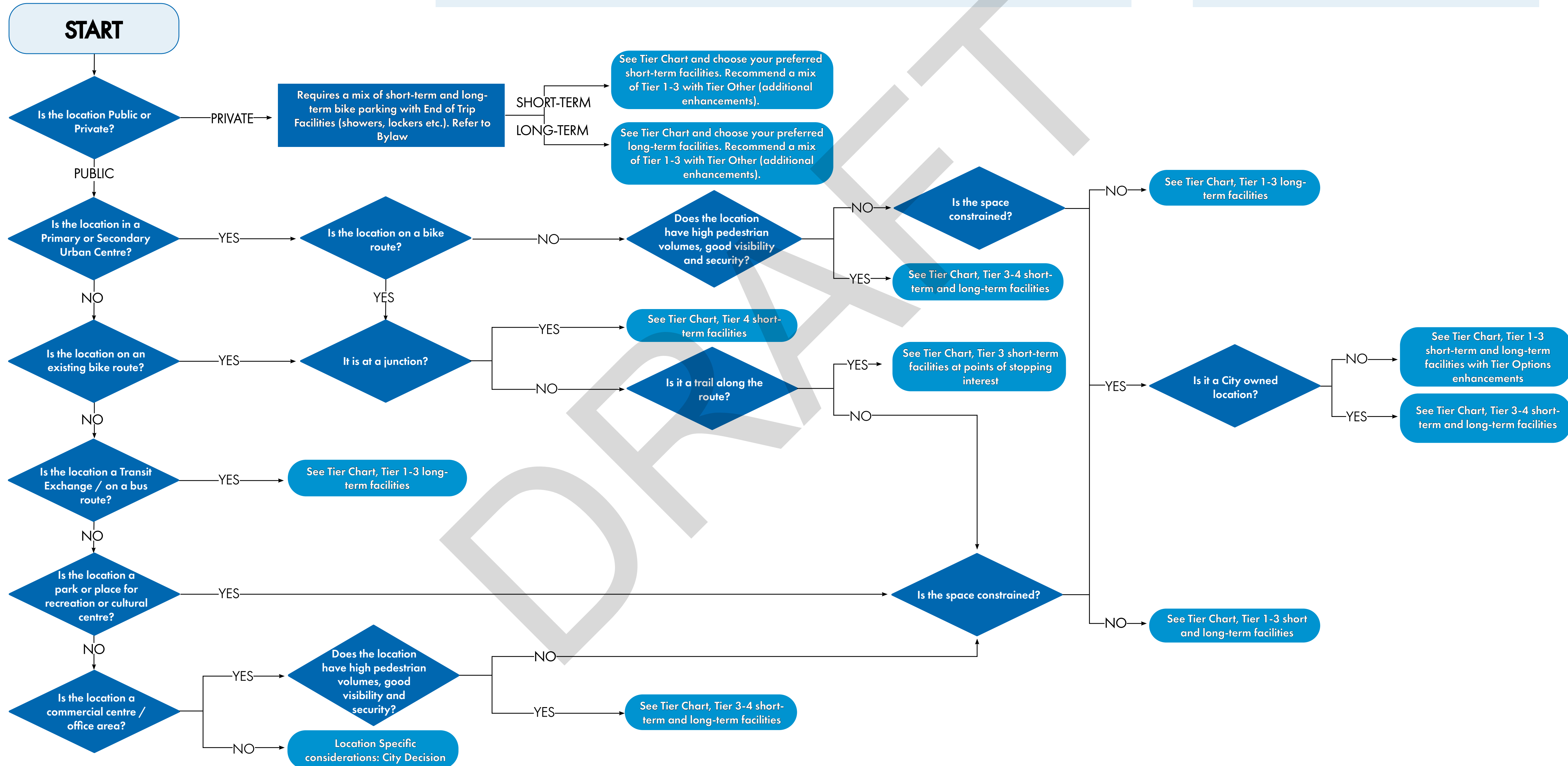
Tier 4: Low (e.g., U-racks)

Tier 3: Mid (e.g., covered racks)

Tier 2: High (e.g., Bikeep with e-charging)

Tier 1: Enhanced (e.g., indoor facilities)

Tier Other: Additional Enhancements (e.g., tool stands)



Examples of Bike Parking Tiers to be Included in Future Design Guide

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 4: Low



Tier 3: Mid



Tier 2: High



Tier 1: Enhanced



Tier Other: Additional Enhancements