Table 4 RDN Trail Design Guidelines Matrix

Trail Type 1

TYPE 1 - HARD /COMPACTED SURFACE TRAIL (HIGHEST LEVEL OF DEVELOPMENT)			
DESCRIPTION	EXAMPLES	RELATIVE LEVEL OF USE	MAINTENANCE
» Urban or Rural » Active transportation corridor » Accessed by local residents and visitors » Recreational Use » Several amenities	Lighthouse Country Regional Trail	High	High

DESIGN ELEMENTS						
SURFACING	SLOPE	TRAIL WIDTH (M)	CLEARING WIDTH ON EACH SIDE OF TRAIL (M)	CLEARING HEIGHT (M)	CROSS SLOPE	SIGHT LINES (M)
Paved / Compacted Gravel	Gentle (0 - 5%) Max. 10%	2–4	1	3	1 - 2%	10 - 20

TYPICAL USERS					
HIKING	WALKING	EQUESTRIAN	MOUNTAIN BIKING	CYCLING	UNIVERSAL ACCESS
					

AMENITIES						
FURNISHINGS	GARBAGE RECEPTACLES	KIOSK	REST AREAS	TOILETS	BICYCLE PARKING	VEHICLE PARKING
						

Trail Type 2

TYPE 2 - SOFT SURFACE TRAIL (MEDIUM DEVELOPMENT)			
DESCRIPTION	EXAMPLES	RELATIVE LEVEL OF USE	MAINTENANCE
» Accessed primarily by local residents » Recreational Use » Fewer amenities	Englishman River Regional Park	Moderate	Medium

DESIGN ELEMENTS						
SURFACING	SLOPE	TRAIL WIDTH (M)	CLEARING WIDTH ON EACH SIDE OF TRAIL (M)	CLEARING HEIGHT (M)	CROSS SLOPE	SIGHT LINES (M)
Crushed Gravel or Natural Surface	Up to 30%	1–1.5	1	3	1–2%	Provide safe sight lines

TYPICAL USERS					
HIKING	WALKING	EQUESTRIAN	MOUNTAIN BIKING	CYCLING	UNIVERSAL ACCESS
					

AMENITIES						
FURNISHINGS	GARBAGE RECEPTACLES	KIOSK	REST AREAS	TOILETS	BICYCLE PARKING	VEHICLE PARKING
						

Trail Type 3

TYPE 3 - NATURAL SURFACE (MINIMUM DEVELOPMENT)			
DESCRIPTION	EXAMPLES	RELATIVE LEVEL OF USE	MAINTENANCE
» Rural or backcountry » Recreational Use » Few or no amenities	Mount Benson Regional Park	Low	Low

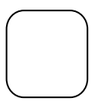
DESIGN ELEMENTS						
SURFACING	SLOPE	TRAIL WIDTH (M)	CLEARING WIDTH ON EACH SIDE OF TRAIL (M)	CLEARING HEIGHT (M)	CROSS SLOPE	SIGHT LINES (M)
Natural Surface/ gravel added where needed	Up to 30%	0.5–1	0.5	2.5	2–4%	Provide safe sight lines

TYPICAL USERS					
HIKING	WALKING	EQUESTRIAN	MOUNTAIN BIKING	CYCLING	UNIVERSAL ACCESS
					

AMENITIES						
FURNISHINGS	GARBAGE RECEPTACLES	KIOSK	REST AREAS	TOILETS	BICYCLE PARKING	VEHICLE PARKING
						



TYPICALLY PROVIDED



OCCASIONALLY PROVIDED

Table 5 Trail Type 1

TRAIL TYPE 1 - HARD/COMPACTED SURFACE		
DESCRIPTION	RELATIVE LEVEL OF USE	MAINTENANCE
Well-developed, supporting high number of users. Surfaced with asphalt or compacted gravel, wide enough for two-way travel. Universally accessible where possible. Provides many amenities. Typically provides front-country recreation experience. Designed for a variety of trail activities and users. Examples: Lighthouse Country Regional Trail, Meadow Drive Community Park.	High	High

DESIGN ELEMENTS						
SURFACING	SLOPE	TRAIL WIDTH (M)	CLEARING WIDTH ON EACH SIDE OF TRAIL (M)	CLEARING HEIGHT (M)	CROSS SLOPE	SIGHT LINES (M)
Paved / Compacted Gravel	Gentle (0–5%) Max. 10%	2–4	1	3	1–2%	10–20

Sample Image



Lighthouse Country Regional Trail

TYPICAL USERS					
HIKING	WALKING	EQUESTRIAN	MOUNTAIN BIKING	CYCLING	UNIVERSAL ACCESS
	✓	✓		✓	✓

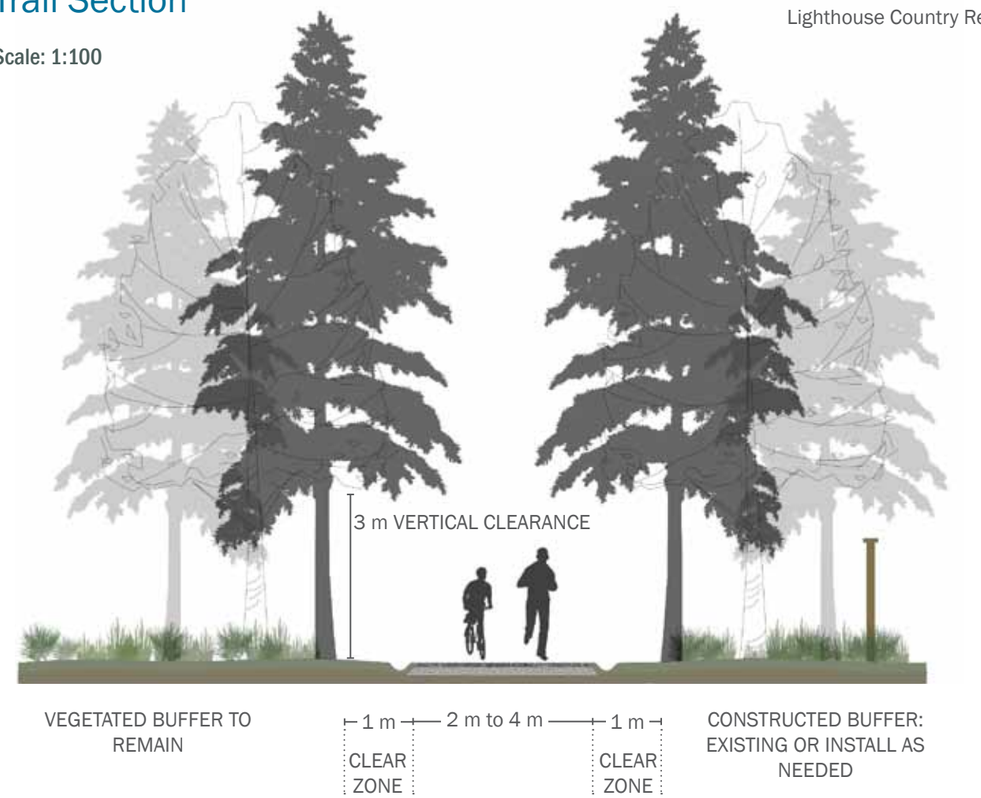
AMENITIES						
FURNISHINGS	GARBAGE RECEPTACLES	KIOSK	REST AREAS	TOILETS	BICYCLE PARKING	VEHICLE PARKING
■	■	■	■	■	■	■

■ TYPICALLY PROVIDED

□ OCCASIONALLY PROVIDED

Trail Section

Scale: 1:100



Concept Detail

Scale: 1:50

OPTION: SURFACE TO BE 50 mm ASPHALT OR 75 mm DEPTH OF 9 mm (3/8") MINUS AGGREGATE COMPACTED TO 95% PROCTOR DENSITY WHEN SPECIFIED.

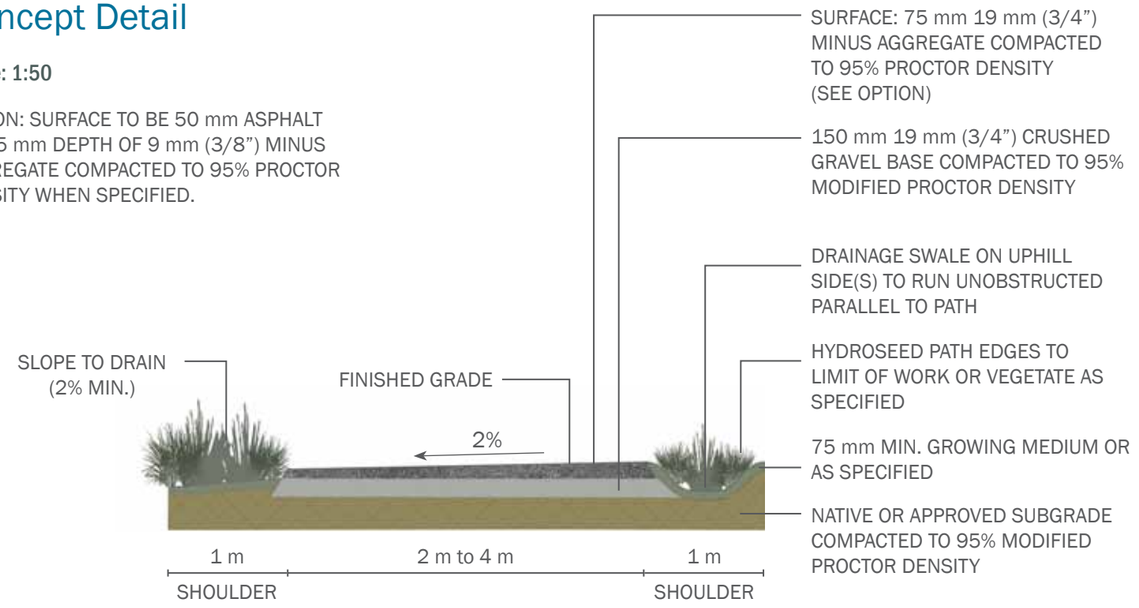
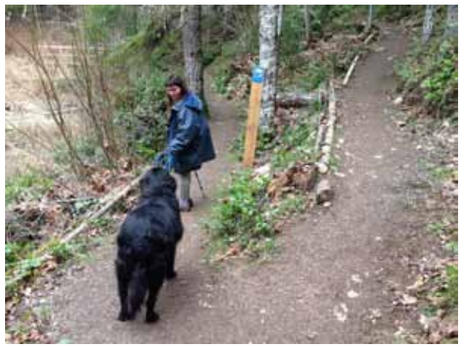


Table 6 Trail Type 2

TRAIL TYPE 2 - SOFT SURFACE		
DESCRIPTION	RELATIVE LEVEL OF USE	MAINTENANCE
Typically provides a mid-country and neighbourhood level recreational experience, fewer amenities. Soft surface, over more varied terrain. Not typically accessible to mobility impaired. Supports most other user groups. Example: 707 Community Park, Englishman River Regional Park	Moderate	Medium

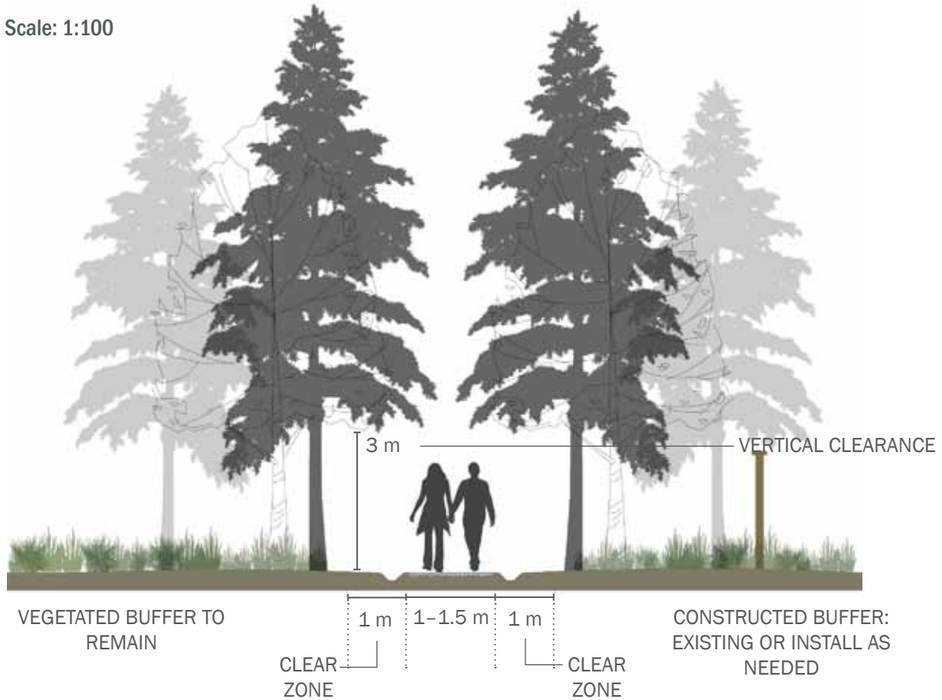
Sample Image



Englishman River Regional Park

Trail Section

Scale: 1:100



DESIGN ELEMENTS						
SURFACING	SLOPE	TRAIL WIDTH (M)	CLEARING WIDTH ON EACH SIDE OF TRAIL (M)	CLEARING HEIGHT (M)	CROSS SLOPE	SIGHT LINES (M)
Crushed Gravel or Natural Surface	Up to 30%	1–1.5	1	3	1–2%	Provide safe sight lines

TYPICAL USERS					
HIKING	WALKING	EQUESTRIAN	MOUNTAIN BIKING	CYCLING	UNIVERSAL ACCESS
●	●	●	●	●	

AMENITIES						
FURNISHINGS	GARBAGE RECEPTACLES	KIOSK	REST AREAS	TOILETS	BICYCLE PARKING	VEHICLE PARKING
●	●	●	●	●	●	●

● TYPICALLY PROVIDED

○ OCCASIONALLY PROVIDED

Concept Detail

Scale: 1:50

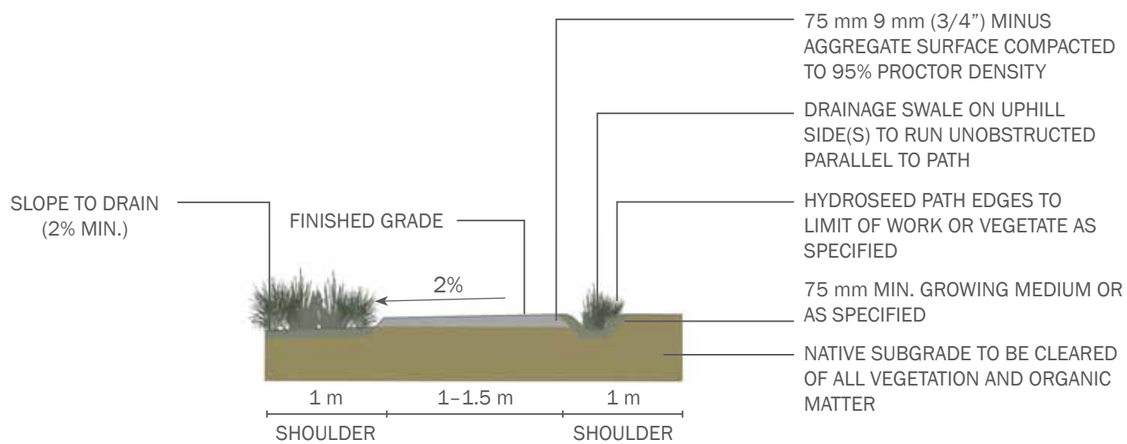


Table 7 Trail Type 3

TRAIL TYPE 3 - NATURAL SURFACE		
DESCRIPTION	RELATIVE LEVEL OF USE	MAINTENANCE
Single-track trail, typically not universally accessible due surfacing and terrain. Provides a back-country recreation experience and very few amenities. The narrow natural surface trail has fewer environmental impacts, protects sensitive ecosystems, and enhances user experience. Trail examples: Arrowsmith CPR Trail, Mount Benson Regional Park	Low	Low

DESIGN ELEMENTS						
SURFACING	SLOPE	TRAIL WIDTH (M)	CLEARING WIDTH ON EACH SIDE OF TRAIL (M)	CLEARING HEIGHT (M)	CROSS SLOPE	SIGHT LINES (M)
Natural Surface/ gravel added where needed	Up to 30%	0.5–1	0.5	2.5	2–4%	Provide safe sight lines

Sample Image



Benson Creek Falls Regional Park

TYPICAL USERS					
HIKING	WALKING	EQUESTRIAN	MOUNTAIN BIKING	CYCLING	UNIVERSAL ACCESS
●		●		●	

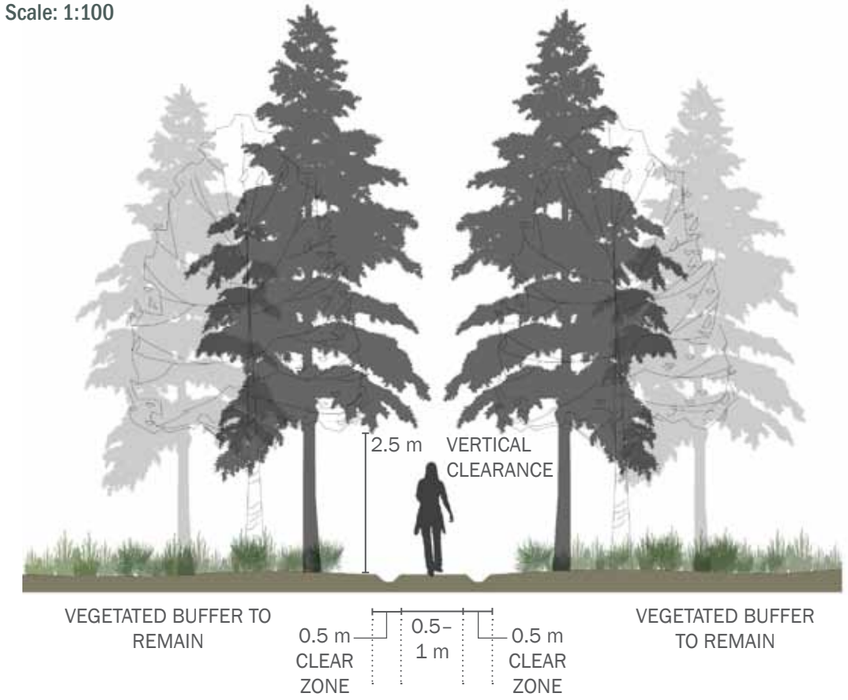
AMENITIES						
FURNISHINGS	GARBAGE RECEPTACLES	KIOSK	REST AREAS	TOILETS	BICYCLE PARKING	VEHICLE PARKING
●	●	●	●	●	●	●

● TYPICALLY PROVIDED

○ OCCASIONALLY PROVIDED

Trail Section

Scale: 1:100



Concept Detail

Scale: 1:50

