

Trail Development Standards Policy

3B.013

Section: 3.0 Planning and Community Services
- B. Parks and Recreational Services

Authority: General Manager of Planning and Community Services

Statement

The Municipal District of Bonnyville (M.D.) is committed to building recreational trails that provide residents with safe and accessible recreation opportunities. The M.D. understands the importance of being physically active as part of a healthy lifestyle. Recreational trails will be built according to the standards set by M.D. Council.

Purpose

The purpose of the Trail Development Standards Policy is to provide guidelines for standards regarding trail construction and maintenance that will be outlined in future RFP's and/or tender documents and that will be used as a tool for budgeting for trail planning, construction and maintenance.

Definitions

For the purposes of this policy:

- (1) "Subgrade" is the native soil or improved soil, usually between a minimum depth of 200 mm to 300 mm and a compaction rate of 98% minimum Standard Proctor Density.
- (2) "Base" is the layer of crushed gravel on top of the subgrade to a minimum depth of 150 mm and a compaction rate of 98% minimum Standard Proctor Density.
- (3) "Geotextile" is a permeable textile material used to increase soil stability, provide erosion control or aid in drainage.
- (4) "Lift" is the layer of hot asphalt on top of the base to a depth of 75mm and a compaction rate of 100% Standard Proctor Density.
- (5) "Drainage" is the method of managing excessive water runoff.

Policy

(1) Classifications

- (a) Paved Trails: Smooth paved surface 2 metres wide on a minimum of 150 mm subgrade, a minimum of 100 mm base and 75 mm asphalt, a maximum crown of 3%. Four (4) metres cleared width from the toe of the trail, up to 3.2 metres cleared height, and slopes of 3 to 1. For use in higher density areas adjacent to roads and able to withstand traffic loading such as maintenance vehicles.
- (b) Semi-developed Trails: Smooth compacted surface such as shale, crush or gravel 1.5 to 3 metres wide on a minimum 150mm base, a maximum crown of 3%, up to 3 metres cleared width from the toe of the trail, up to 3.5 metres cleared height with slopes of 3 to 1. For use in medium density areas and through parks, playgrounds and multi-use trails.

- (c) Natural Trails: Unsurfaced soil or turf 1 to 3 metres wide with no subgrade or base, up to 2 metres cleared width, up to 3.5 metres cleared height and slopes 30% maximum. For use in natural trail areas such as park reserves and forested trails.
- (2) Amenities
- (a) Paved Trails: Pedestrian bridges/culverts (if needed), refuse/recycling containers, crossing lights (if needed), benches, parking, toilets, signage.
 - (b) Semi-Developed: Pedestrian bridges/culverts (if needed), refuse/recycling containers, benches, parking, toilets, signage.
 - (c) Natural Trails: Pedestrian bridges/culverts (if needed), trailhead parking, toilets, refuse/recycling containers, signage.
- (3) Maintenance
- (a) Paved Trails: Collect refuse/recycling/litter, repair or service trail surfaces or amenities. Mow or weed where accessible. Snow removal and sanding in winter months. Maintenance will be dependent on budgeting restrictions and staff availability.
 - (b) Semi-Developed Trails: Collect refuse/recycling/litter, repair or service trail surfaces or amenities. Mow or weed where accessible. Snow removal and sanding in winter months. Maintenance will be dependent on budgeting restrictions and staff availability.
 - (c) Natural Trails: Collect refuse/recycling/litter. Maintenance will be dependent on budgeting restrictions and staff availability.

Policy Review

Within one (1) year from date adopted / amended / reviewed.

For administrative use only:

Related Documentation: (plans, bylaws, policies, procedures, etc.)	
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