

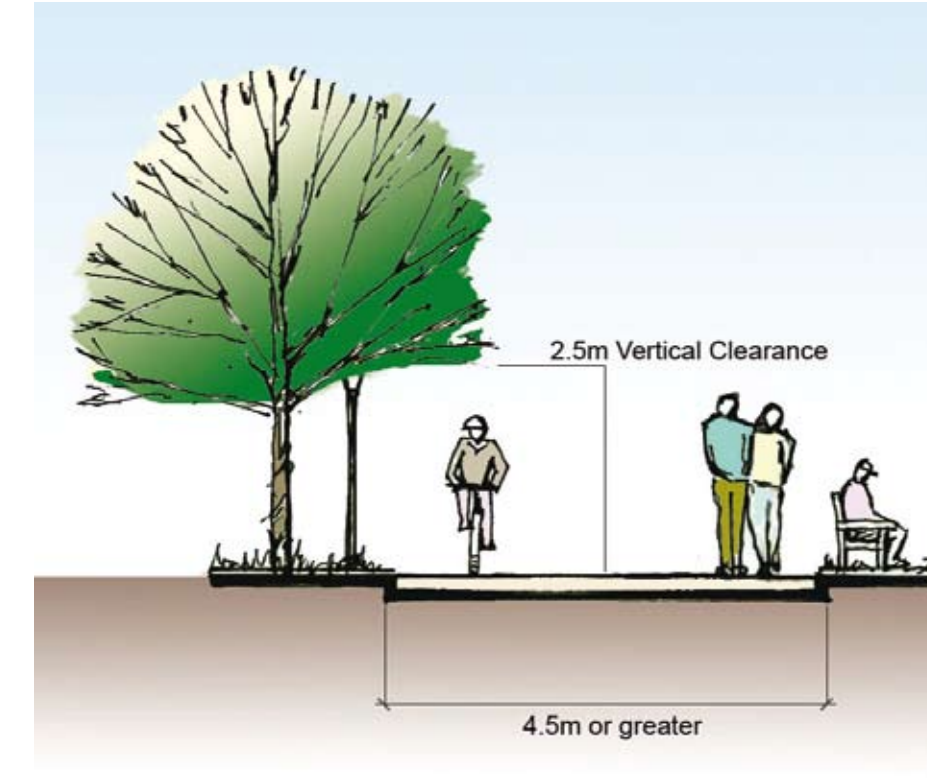
# Trail Class Guidelines

## Class 1: Major Urban Promenade

**Context:** Urban setting, major City-wide routes between or adjacent to destinations  
**Level of Use:** High  
**Type of Use:** Walking, jogging, cycling, wheelchairs, roller blades, general passage by all ages, maintenance vehicles  
**Location:** Town centres, prominent locations, e.g., waterfront



City Park



### Design Guidelines

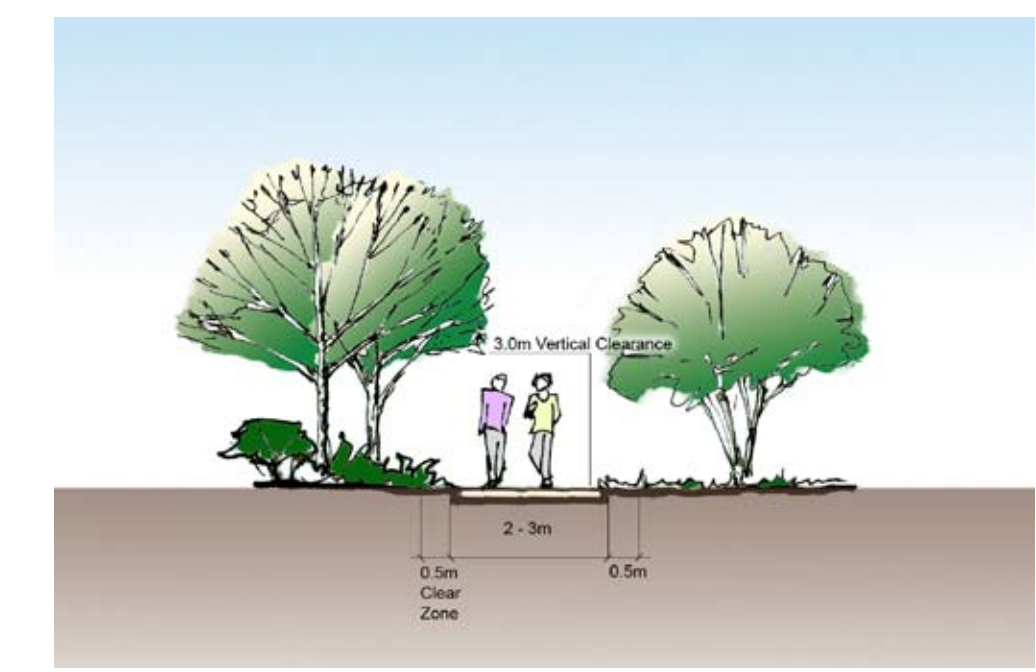
**Surface:** Hard surfaced, usually with all or some special paving, e.g., pavers, stamped concrete  
**Trail Base:** Solid granular base with full drainage as required  
**Longitudinal Slope:** Maximum 5% (1:20) with short ramps up to 8% (1:12), follow Universal Accessibility Guidelines  
**Accessibility:** Universal accessibility throughout, including access points, wheelchair preference is a 2 m wide smooth surface, e.g., asphalt, saw-cut concrete  
**Infrastructure:** Pedestrian lighting, benches, points of interest, staging areas with parking, kiosks, signage, waste receptacles, bollards

## Class 4: Standard Multi-use

**Context:** Significant routes through neighbourhoods, secondary routes  
**Level of Use:** Moderate  
**Type of Use:** Walking, jogging, cycling, wheelchairs where possible, maintenance vehicles, equestrians in select locations  
**Location:** Parks, creek corridors, irrigation flumes



Belmont Park



### Design Guidelines

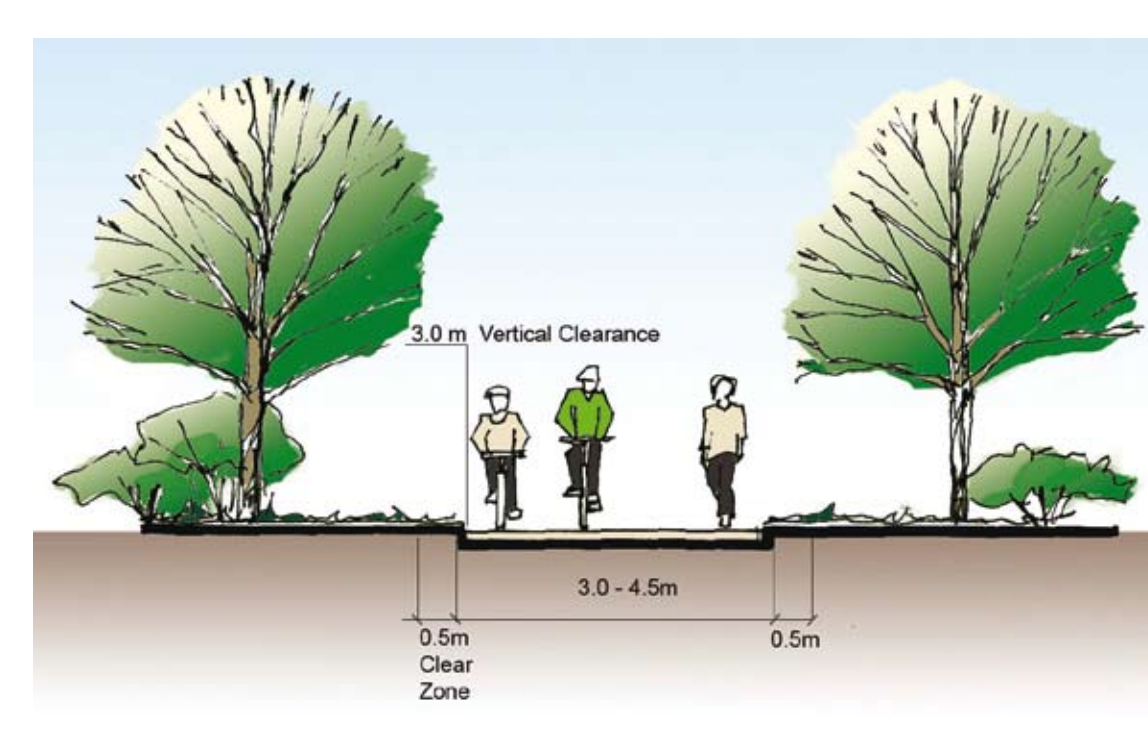
**Surface:** Hard surfaced or well compacted aggregate  
**Trail Base:** Granular base  
**Longitudinal Slope:** Maximum 8% (1:12) where possible, otherwise maximum 15% (1:7)  
**Accessibility:** Universal accessibility where possible, including access points to accessible portions  
**Infrastructure:** Benches, small staging areas with parking, kiosks, signage, pedestrian lighting where appropriate, waste receptacles, bollards  
**Service Vehicles:** Need 2.4 m minimum width  
**Equestrian use trails:** Require 3.0 m vertical clearance

## Class 2: Major Multi-use

**Context:** Major City-wide routes  
**Level of Use:** High  
**Type of Use:** Walking, jogging, cycling, wheelchairs where possible, roller blades, equestrian, general passage by all ages, maintenance vehicles  
**Location:** Parks, creek corridors (beyond the Riparian Management Area – where possible), irrigation flumes



Mission Creek Greenway



### Design Guidelines

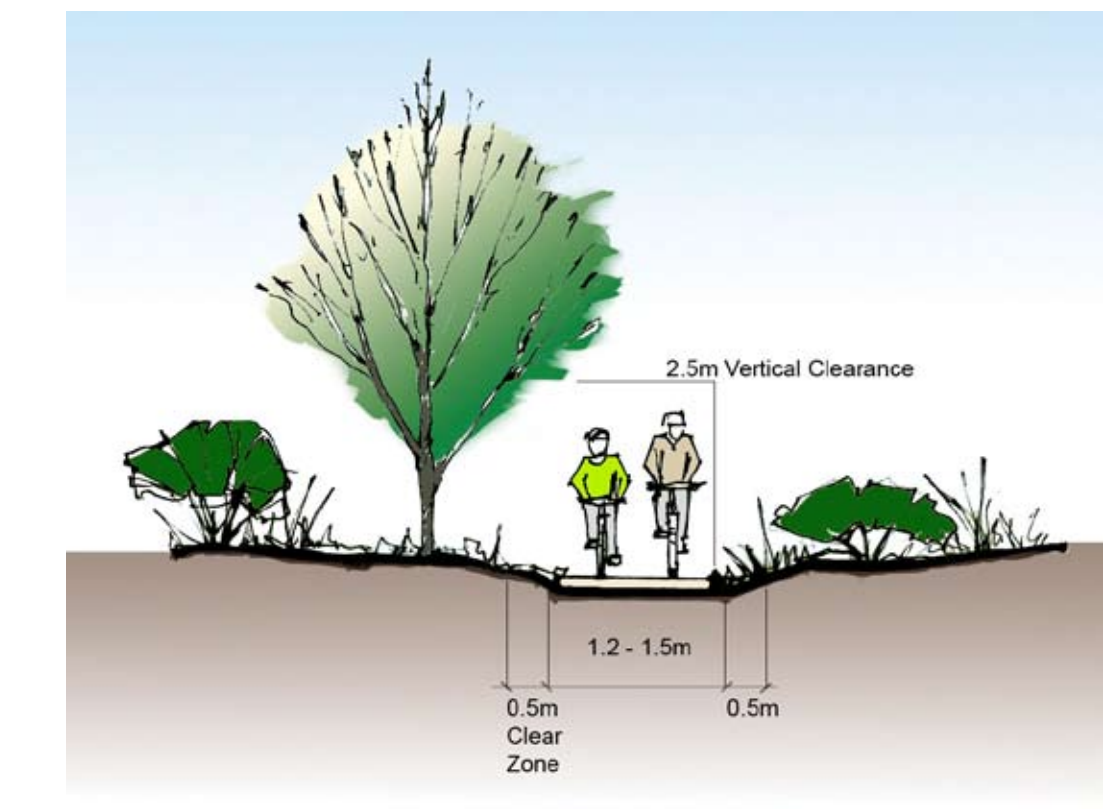
**Surface:** Hard surfaced or well compacted aggregate, e.g., decomposed granite or recycled asphalt grindings  
**Trail Base:** Solid granular base  
**Longitudinal Slope:** Typical maximum 8% (1:12) with maximum 12% (1:8) for short sections  
**Accessibility:** Universal accessibility where possible, including access points to accessible portions  
**Infrastructure:** Benches, occasional points of interest, staging areas with parking, kiosks, signage, pedestrian lighting where appropriate, waste receptacles, bollards

## Class 5: Narrow Multi-use

**Context:** Connections to major routes  
**Level of Use:** Low - Moderate  
**Type of Use:** Walking, jogging, mountain biking  
**Location:** Parks, creek corridors, natural areas, ponds, irrigation flumes; locations with space limitations



Chichester Wetland Park

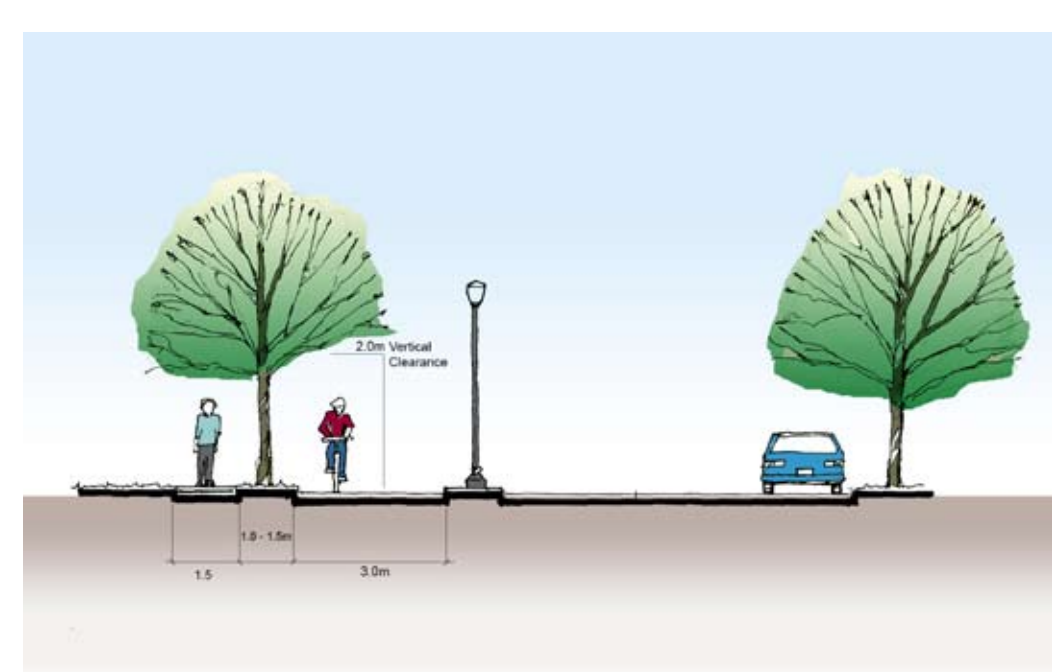


### Design Guidelines

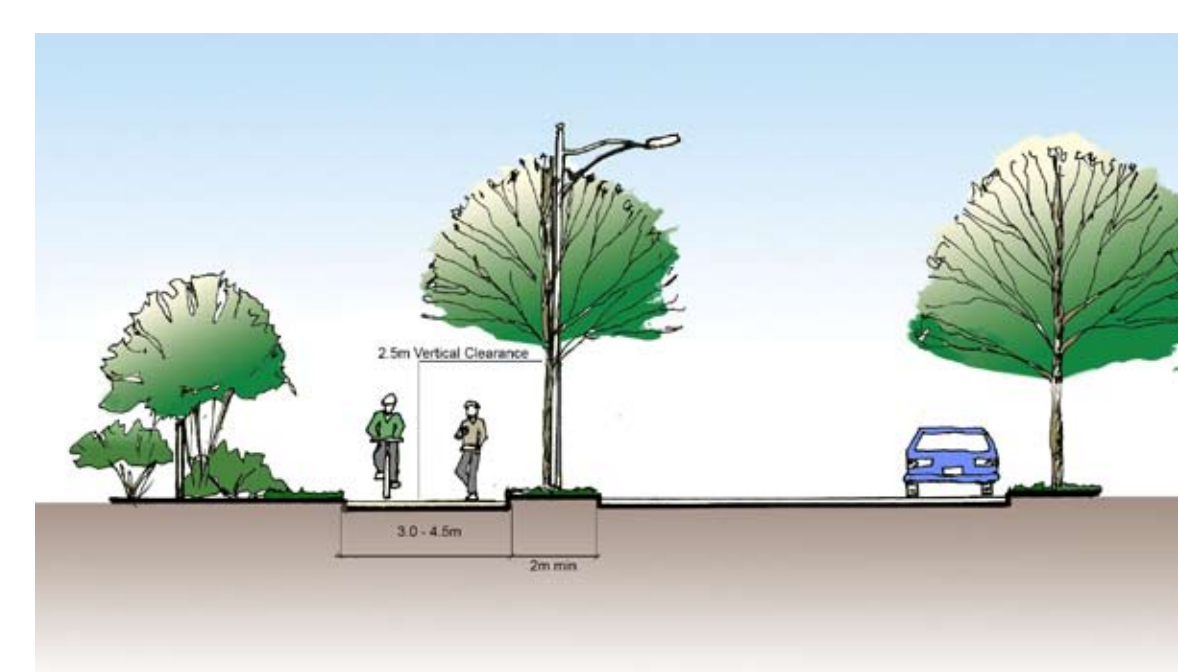
**Surface:** Aggregate, hard surfaced  
**Trail Base:** Granular base  
**Longitudinal Slope:** Maximum 8% (1:12) where possible, otherwise maximum 15% (1:7)  
**Accessibility:** Universal accessibility where possible, including access points to accessible portions  
**Infrastructure:** Occasional benches, occasional staging areas, kiosks, signage, waste receptacles, bollards

## Class 3: Roadside Corridor

**Context:** Major routes through the City  
**Level of Use:** High  
**Type of Use:** Walking, jogging, cycling, maintenance vehicles, general passage by all ages  
**Location:** Road corridors



Black Mountain Recreation Corridor



### Design Guidelines

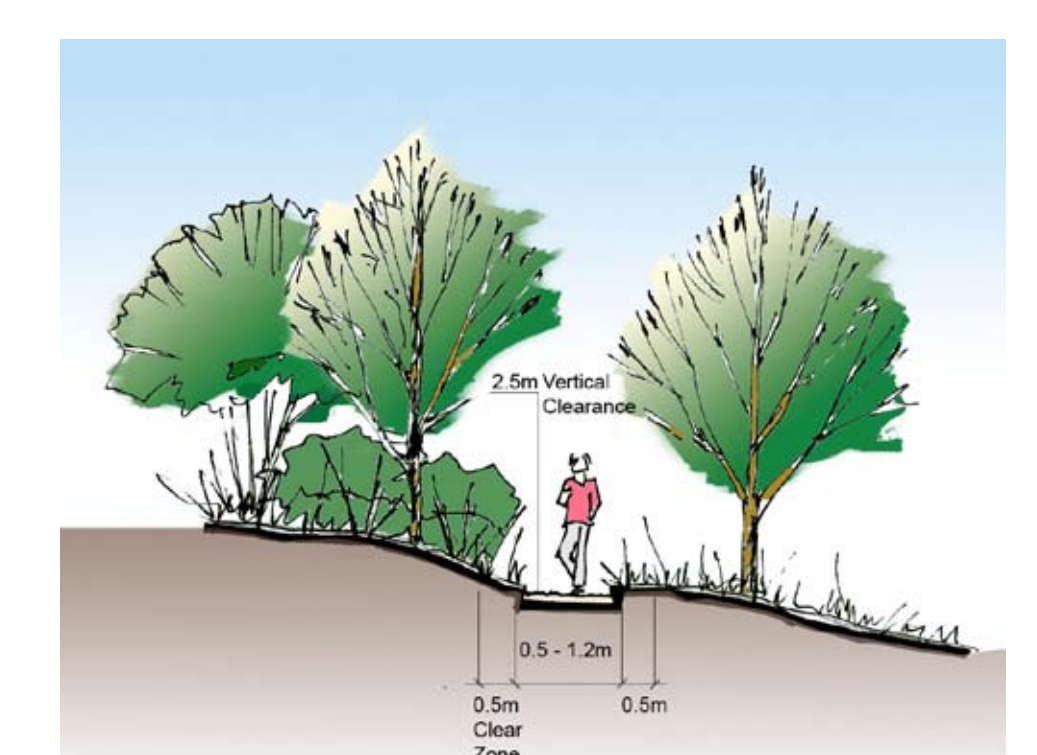
**Surface:** Hard surfaced wheel path, with hard surfaced or well compacted aggregate pedestrian path. Wheel and pedestrian paths can be separated (e.g., Abbott Street) or combined  
**Trail Base:** Solid granular base with full drainage as required  
**Longitudinal Slope:** Typical maximum 8% (1:12) with maximum 12% (1:8) for short sections  
**Accessibility:** Universal accessibility where possible, including access points to accessible portions  
**Infrastructure:** Benches, occasional points of interest, kiosks, signage, pedestrian lighting where appropriate, waste receptacles, bollards

## Class 6: Nature Trails

**Context:** Lower use locations  
**Level of Use:** Low  
**Type of Use:** Walking, mountain biking, hiking (usually 1 or 2 uses designated)  
**Location:** Natural and rural areas, creek corridors



Knox Mountain Park



### Design Guidelines

**Surface:** Natural ground, aggregate where needed  
**Trail Base:** Native material  
**Longitudinal Slope:** Maximum 20% (1:5) without infrastructure (see below)  
**Accessibility:** Limited  
**Infrastructure:** Kiosks, signage, waste receptacles, structures for slopes over 20%, e.g., steps, step/ramps, landings, railings