

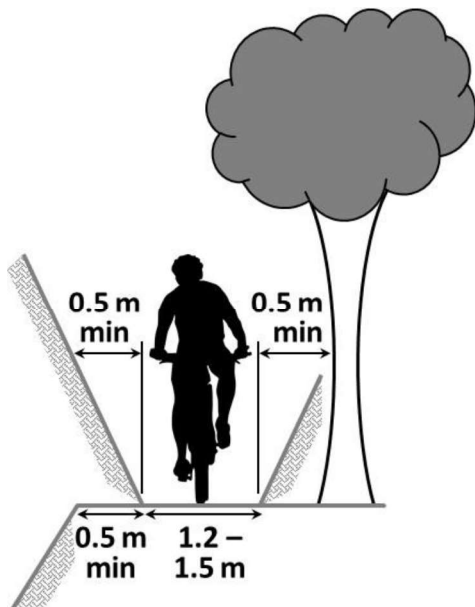
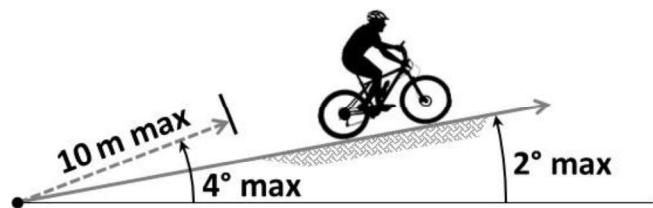
CYCLE TRAIL CONTRACTOR SPECIFICATION SHEET

GRADE 1 (EASIEST)



Gradient

- **0 - 2 degrees** for at least 98% of the trail (2 degrees = 3.9% = 1:29)
- **2 - 4 degrees** for no more than **10 m** at a time (the less the better)



Width

- Double Track: **2.5 - 3.0 metres** wide
- Single Track: **1.2 - 1.5 metres** wide (with adequate horizontal clearance to drops or banks/trees)

Formation

- Mono-slope with **2 - 3 degrees** side slope or crowned surface with **2 - 3 degree** side slopes

Surface

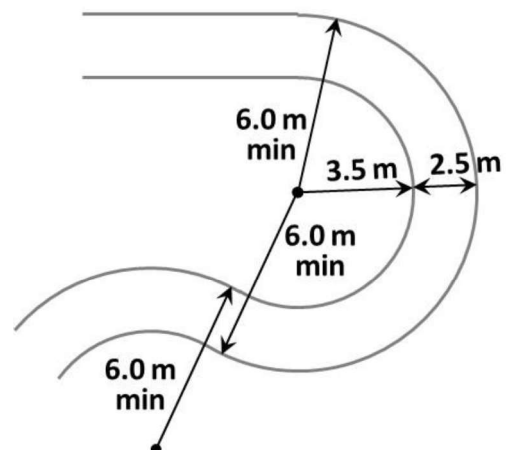
- Compacted top-course aggregate of maximum **AP20 mm**

Radius of turn

- **6 metre minimum** to outside of turn (the more the better)

Grade Reversals

- **Required** at dry water courses if they are not bridged or culverted (water courses that normally have water flowing will be bridged or culverted)



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GRADE 2 (EASY)

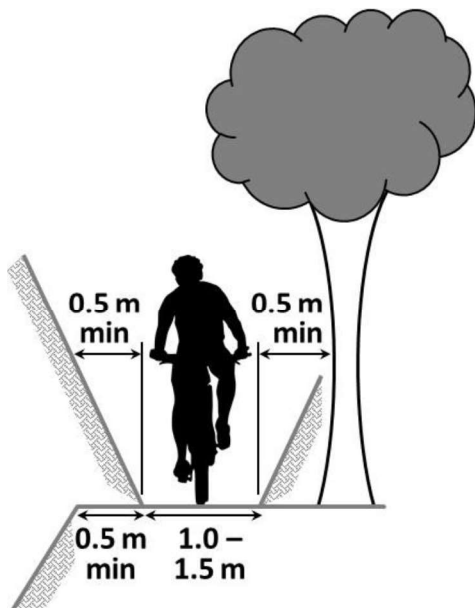
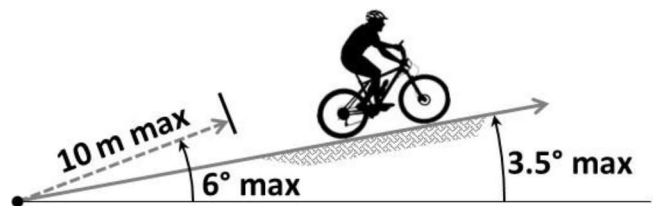


West Coast Wilderness Trail
(photo: Jonathan Kennett)



Gradient

- **0 - 3.5 degrees** for at least 95% of the trail (3.5 degrees = 6.0% = 1:17)
- **3.5 - 6 degrees** for no more than **10 m** at a time (the less the better)



Width

- Double Track: **2.2 - 3.0 metres** wide
- Single Track: **1.0 - 1.5 metres** wide
(with adequate horizontal clearance to drops or banks/trees)

Formation

- Mono-slope with **2 - 3 degrees** side slope or crowned surface with **2 - 3 degree** side slopes

Surface

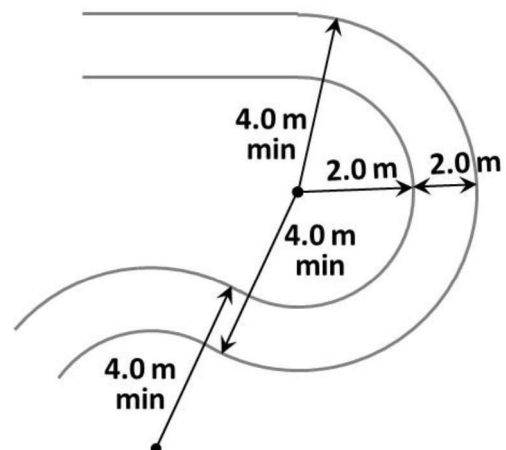
- Compacted top-course aggregate of maximum **AP30 mm**

Radius of turn

- **4-5 metre minimum** to outside of turn (the more the better)

Grade Reversals

- **Required** at dry water courses if they are not bridged or culverted (water courses that normally have water flowing will be bridged or culverted)



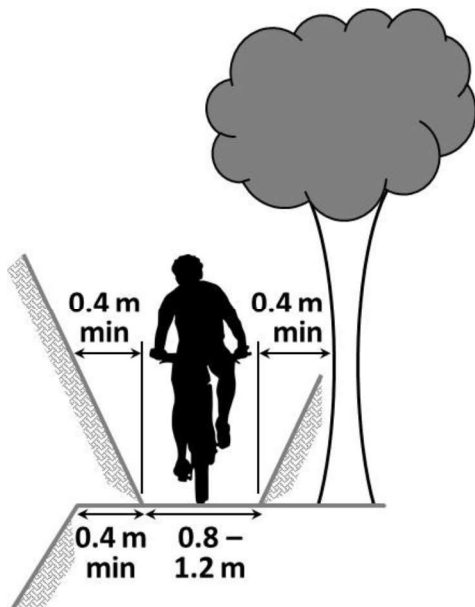
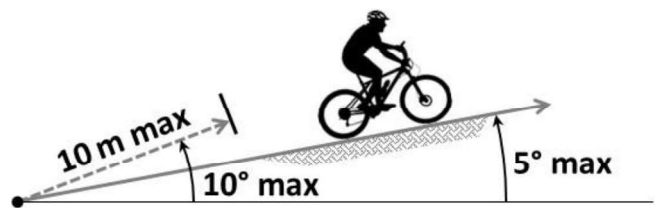
CYCLE TRAIL CONTRACTOR SPECIFICATION SHEET

GRADE 3 (INTERMEDIATE)



Gradient

- **0 - 5 degrees** for at least 90% of the trail (5 degrees = 8.7% = 1:11)
- **5 - 10 degrees** for no more than **10 m** at a time (the less the better)



Width

- Single Track: **0.8 - 1.2 metres** wide (with adequate horizontal clearance to drops or banks/trees)

Formation

- Mono-slope with **2 - 3 degrees** side slope (crowned surfaces are not desirable)
- Greater side slope (super-elevation = berms) up to **20 degrees** around corners

Surface

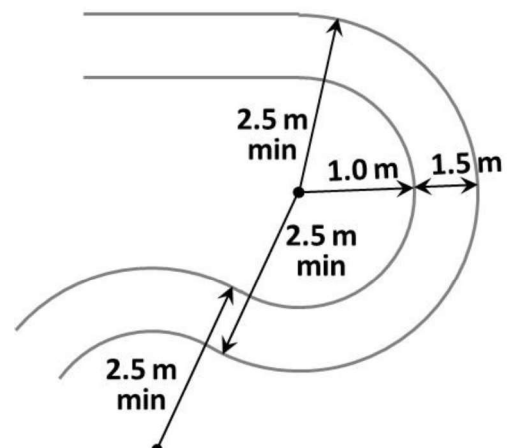
- Generally firm, but may have some short muddy or loose sections

Radius of turn

- **2.5 - 4 metre minimum** to outside of turn (the more the better)

Grade Reversals

- **Required** at regular intervals including all water courses (some may have occasional water flowing across them) if they are not bridged or culverted



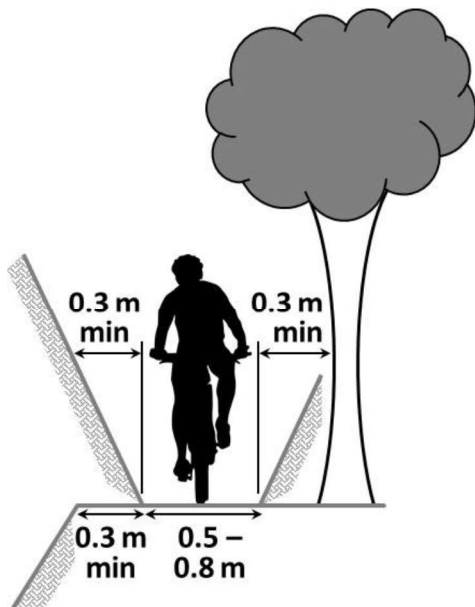
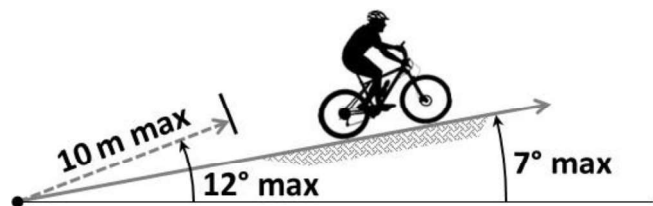
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GRADE 4 (ADVANCED)



Gradient

- **0 - 7 degrees** for at least 90% of the trail (7 degrees = 12% = 1:8)
- **7 - 12 degrees** for no more than **10 m** at a time (the less the better)



Width

- Single Track: **0.5 - 0.8 metres** wide (with adequate horizontal clearance to drops or banks/trees)

Formation

- Mono-slope with **2 - 4 degrees** side slope (crowned surfaces are not desirable)
- Greater side slope (super-elevation = berms) up to **30 degrees** around corners

Surface

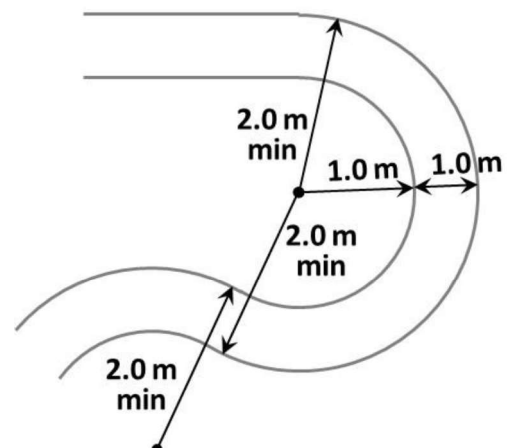
- Mix of firm and loose with some rocks and/or roots

Radius of turn

- **2 - 3 metre minimum** to outside of turn (the more the better)

Grade Reversals

- **Required** at regular intervals including all water courses (some may have occasional water flowing across them) if they are not bridged or culverted
- Grade reversals will be large enough to add fun (i.e, pumps or jumps or rollers)



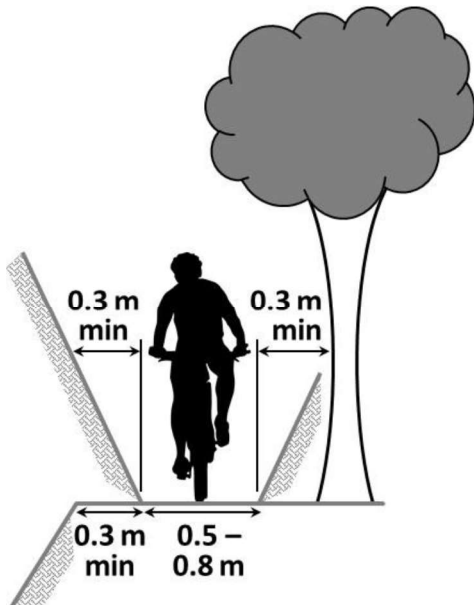
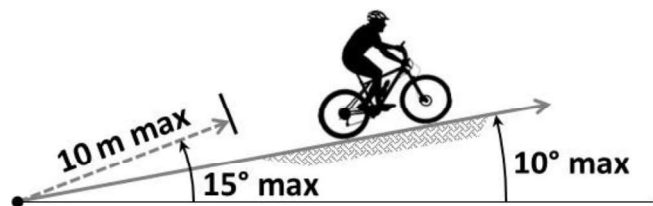
CYCLE TRAIL CONTRACTOR SPECIFICATION SHEET

GRADE 5 (EXPERT)



Gradient

- **0 - 10 degrees** for at least 90% of the trail (10 degrees = 18% = 1:6)
- **10 - 15 degrees** for no more than 10 m at a time (the less the better)



Width

- Single Track: **0.5 - 0.8 metres** wide (with adequate horizontal clearance to drops or banks/trees)

Formation

- Mono-slope with **2 - 5 degrees** side slope (crowned surfaces are not desirable)
- Greater side slope (super-elevation = berms) up to **45 degrees** around corners

Surface

- Huge variety of surfaces with obstacles such as roots and/or rocks

Radius of turn

- **1.5 - 3 metre minimum** to outside of turn (the more the better)

Grade Reversals

- **Required** at regular intervals including all water courses if they are not bridged or culverted (water courses that normally have water flowing will be bridged or culverted)
- Grade reversals will be large enough to add fun (i.e. pumps or jumps or rollers)

