UNIVERSITY OF CANBERRA

STROMLO FOREST PARK

CANBERRA AUSTRALIA



ACT Government

Tracks and Trails Masterplan

University of Canberra Stromlo Forest Park

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Acknowledgement of Country

The ACT Government acknowledges the Ngunnawal people as traditional custodians of the ACT and recognises any other people or families with connection to the lands of the ACT and region. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

Introduction

University of Canberra Stromlo Forest Park (UC Stromlo) is a versatile, widely accessed facility located just 15 minutes from Canberra's city centre.

The park boasts an array of trail facilities catering to diverse user groups, from professional athletes to recreational enthusiasts.

Developed on 1200 hectares of bushland around Mount Stromlo, UC Stromlo's extensive trail offering includes a road cycling criterium track, grassed cross-country running track, equestrian trails, and a substantial network of mountain bike trails.

UC Stromlo is managed and funded by the ACT Government. ACT Government acknowledges the University of Canberra as the whole of site sponsor.

With visitation increasing rapidly each year, there is a need to develop an overarching Tracks and Trails Masterplan to guide development of UC Stromlo to meet future demand and ensure it remains a world-class trail facility. For this Masterplan, the ACT Government received community feedback regarding the types of trail development required to shape UC Stromlo into a premier sporting destination.

A Masterplan can help define what is important about a place and identifies opportunities for preserving and enhancing the quality of that place. This Tracks and Trails Masterplan aligns with and supports various ACT Government strategies, including:

- **The CBR Cycle Tourism Strategy**
- **Canberra Next Move Sport and Recreation Strategy 2023-2028**
- **ACT Tourism Strategy 2023-2030**
- **CBR Switched On: ACT's Economic Development Priorities 2022-2025**
- **Stromlo Forest Park Masterplan 2016**



ACKNOWLEDGEMENT OF CONTRIBUTORS

We acknowledge the work of World Trail in providing their expertise and advice following extensive stakeholder consultation to help prepare this Masterplan. We thank the many community groups and stakeholders, including the Stromlo Stakeholder Consultative Committee, who have provided input into this Masterplan through the consultation process.

Executive Summary

With rapidly increasing visitation, surrounding urban development and evolving user patterns, UC Stromlo is experiencing several challenges. Congestion, safety and sustainability of its tracks and trails is impacting the user experience and the park's functionality, particularly during peak visitation and large events.

The ACT Government has prepared a Masterplan that sets out a vision for the future of the tracks and trails at UC Stromlo.

It offers suggestions to enhance and expand the network of tracks and trails to help the park remain sustainable and meet user needs now and into the future.

Aligned with the broader Masterplan of 2016, the Tracks and Trails Masterplan will further facilitate the park's evolution into a vibrant, specialist centre for recreational and professional sports in Canberra.

An improved and/or expanded trail network will help to meet the rapidly increasing event and recreational visitation needs and expectations.

GUIDING PRINCIPLES

There are four main principles that have guided the development of this Masterplan:

1. **A vibrant venue that stimulates local economic benefits**
2. **A successful events venue**
3. **Trails to inspire exercise and outdoor recreation**
4. **Conserving and enhancing UC Stromlo's natural and cultural environment**

These principles have helped to guide opportunities for each of the main user groups, equestrians, trail runners and walkers, road cyclists and mountain bike riders as well as other specialist users.

Preparation of this Masterplan involved extensive research and consultation with users of the park and the broader community.

Each key user group was given the opportunity to provide input into the direction of the tracks and trails, and the Masterplan aims to provide a balanced approach to ensure UC Stromlo's tracks and trails cater for and meet the future needs of all trail users.

The Masterplan offers dedicated activity zones to help accommodate future demands, minimise conflict, reduce the impact of events on public access and ensure facilities are in the most appropriate locations. Trail modification and/or expansion is to complement the proposed sporting zones and ensure connectivity and visitor circulation is suitably maintained. For example, the mountain bike zones do not exclude the trails of other uses, such as running/walking and road cycling trails, and the shared-use fire road throughout the park remains open to all users. Smaller zones are identified to recognise and accommodate specific requirements.

ACTIVITY ZONES

The trail activity zones include:

- **Mountain Bike Zones**
- **Road Cycling Zone**
- **Equestrian Zone**
- **Running and Walking Zone**
- **Western UC Stromlo Activity Zone**

A staged implementation plan will help to guide the future development and management of the park's tracks and trails to meet future demand and ensure UC Stromlo remains a world-class facility.

The staged delivery of the Masterplan may be subject to change depending on the availability of resources.

KEY OUTCOMES

- **Improving the existing trail network and providing options to help expand the network of trails to meet current and future trail user demands.**
- **Reducing park-user conflict by recommending potential areas of user prioritisation, especially for equestrians.**
- **Establishing mountain bike (MTB) trail zones that enable trail events to happen in one or two areas while still providing a satisfactory trail experience for the general public.**
- **Establishing a trail link to the future alignment of the Stromlo to Cotter Trail.**
- **Exploring potential trail developments in the western UC Stromlo area.**

IMPLEMENTATION CONSIDERATIONS

The Masterplan will require funding through future ACT Budgets to be implemented, supplemented by self-generated revenue and in-house resources, including UC Stromlo's trail insourcing team. This may entail further demand and cost benefit analysis for some inclusions within the plan.

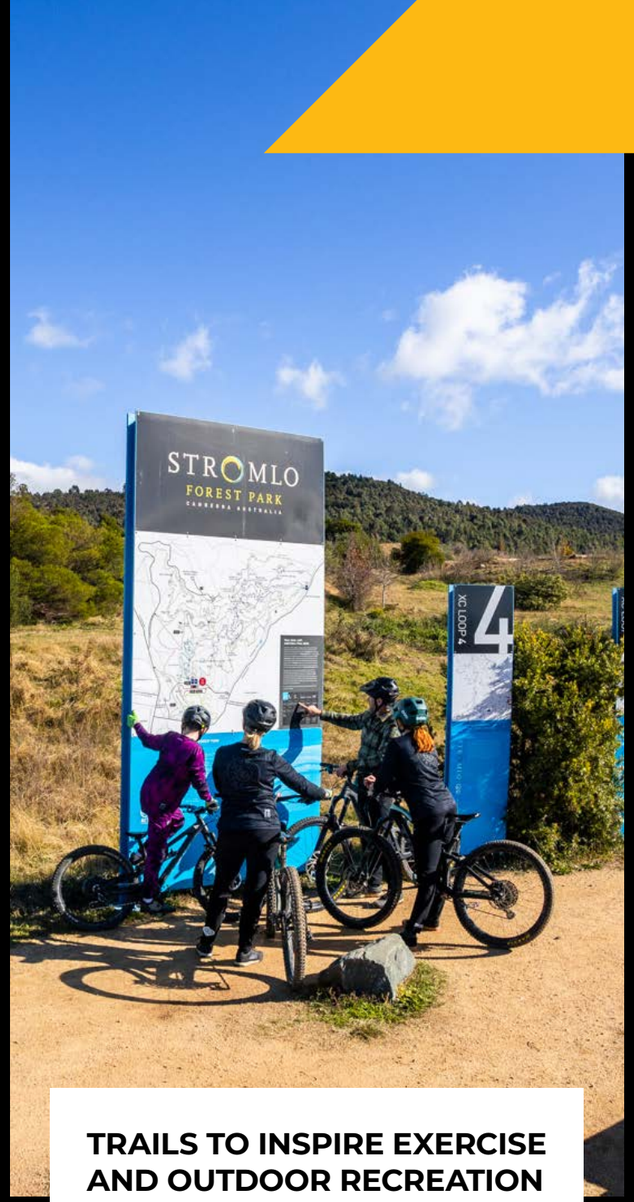
Other considerations include:

- **Sequencing construction to ensure the mandatory planning requirements (including environmental and cultural surveys) are considered first.**
- **Carrying out any trail upgrades within zones to ensure the trail network maintains good function for all users.**
- **Implementing an improved trail signage system to help reduce park-user conflict and safety concerns.**



Guiding Principles







A VIBRANT VENUE THAT STIMULATES LOCAL ECONOMIC BENEFITS

- A unique multi-sport venue that attracts a variety of different trail users
- A diverse and high-quality MTB trail network that competes with other popular destinations
- Sufficient length of trails and experiences to encourage overnight stays and repeat visitation
- Trails and facilities that focus visitation on the main visitor hub

A SUCCESSFUL EVENTS VENUE

- Provide trails and facilities suitable for a range of cycling, running and equestrian events
- Be a recognised venue that attracts national and international events
- Offer a suitably large MTB trail network with zoning to enable satisfying public access during large events

TRAILS TO INSPIRE EXERCISE AND OUTDOOR RECREATION

- Provide a diverse trail network that balances the needs of all user groups
- Be a destination that provides a wide range of experiences and levels of ability
- Incorporate some prioritised user areas to ensure a safe and enjoyable experience
- Provide trails that meet athletic training needs and inspire future athletes

CONSERVING AND ENHANCING UC STROMLO'S NATURAL AND CULTURAL ENVIRONMENT

- Trails to be sustainably designed to reduce maintenance and preserve souls
- Trail network that is respectful of the landscape, environmental features, First Nations culture and natural values
- Trails and facilities that can be sustainably managed and enhanced as required

Consultation

Consultation was undertaken to inform this Masterplan with a range of stakeholders through a series of workshops and discussions. A survey enabled the broader public to also have a say on the development of the Masterplan. A total of 935 people responded to the survey, identifying as one or more of six trail user types (mountain bikers, road or criterium cyclists, runners, walkers, pump track riders and equestrians).

Mountain bikers represented the largest user group, which is consistent with the rapid growth and accessibility of this activity. Road cyclists, runners, and walkers (including dog walkers) also represent a significant proportion of park users. Equestrians were the smallest user group represented through the survey.

24% Road / Criterium cyclist

21% Runner

19% Walker (including dog walker)

83% Mountain Bikers

17% Pump Track

6% Equestrian

Key Findings

Equestrian

There was support for a designated area in the south and west of the park with separation from other trails to ensure a safe and enjoyable equestrian experience.

Equestrians called for an endurance trail in the western block for event training with access to water every 10km, and a range of short rides offering good views and a “canter hill”. Other suggestions included a formalised separated horse float parking area within the existing north-west carpark including improved visitor facilities. Improved equestrian access connections to Block 514 and into the western area of the park, including trail enhancements and better facilities was also supported by equestrians.



Trail Running

Runners called for designated running routes of 10, 15 and 20km. Events were a key feature, with enhancement of the Stromlo Running Festival a priority, as well as attracting other events. There was support for the inclusion of selected ascending MTB trails into trail running circuits where appropriate, and an extension of the cross-country track. A dedicated single-track for cross-country would help avoid conflict with MTB riders and a steel stair climb trail to the Mount Stromlo summit was suggested.

Road Cycling

Road cyclists suggested developing options for 12km sealed road cycling circuit that would be suitable for Union Cyclist Internationale (UCI) level racing. Extending the criterium track and installing lighting to enable use outside daylight hours was also supported.

Mountain Biking

A wide range of ideas were put forward by the MTB community through the consultation process. These included doubling the density of MTB trails to maintain appeal and accommodate increasing numbers. The eastern side of the park should cater more to easy and intermediate loops, including shorter loops for beginners and children, while the western area of the park to be better suited to XC and adventure trails.

There was support for incorporating rock gardens and other technical trail features to add variety beyond the container bridge. Respondents suggested developing a north-western carpark and including basic visitor facilities in that area. There was also support for zones with adequate trail development to enable public access during events. Maintenance of current tracks and trails was also a priority before adding too many new trails to the area.



A range of suggestions for specific trails were also made, including:

- **Creating an easy climb trail to the summit from the north-western trailhead area, and more direct trail to main visitor hub**
- **A purpose-built climbing trail for fast e-MTB ascents**
- **Enhancements/repurposing of ‘Black Snake’ trail as it is extremely difficult and under-utilised**
- **Improve ‘Cardiac Arrest’ trail as it provides a world class cross-country loop**
- **Enhancements to existing trails to make them better suited to certain types of bikes**
- **More flow trails for all difficulties and maintenance of hand-cut trails to cater for more advanced riders**
- **Creating pull-off areas and complementary climb trails on selected trails or an improved skills park area.**



Specialist Areas

Other suggestions around the park included creating an asphalt pump track with competition lines, a slopestyle jump area and maintaining support for a cyclocross (CX) area behind the pool.

There was support for locating specialist and skills facilities (trials, playground, BMX, and pump track) closer to the main visitor hub to facilitate parental oversight and spectating and to increase activation.

Existing Trails and Facilities

UC Stromlo is located in the Molonglo Valley area, just 14km from Canberra CBD and 20km from the airport. It is well connected to Canberra's extensive network of cycling, walking, and equestrian trails, with both the Bicentennial National Trail and the Canberra Centenary Trail passing through the park.

UC Stromlo is just one of Canberra's numerous venues and recreational reserves with purpose-built trails and facilities. While it offers the most established MTB trail network in the ACT, there are other significant venues in Canberra for equestrians and road cyclists.

The range of trails available at UC Stromlo for each activity or user group is summarised in the table below, along with current suitability for hosting events of different scales.

		Activity/User					Event Capability		
Trail Facility	**Length**	**Trail Running**	**Horse Riding**	**Mountain Biking**	**Road Cycling**	**Walking**	**Local**	**National**	**International**
Robert de Castella Running Track	2.5km	✓	✗	✗	✗	✗	✓	✓	✓
Stephen Hodge Criterium Track	1.2km	✗	✗	✗	✓	✗	✓	✓	✓
Equestrian Single-Track	-	✗	✓	✗	✗	✓	✗	✗	✗
Shared-use Fire Roads	>50km	✓	✓	✓	✗	✓	✓	✓	✗
Mountain Bike Single-Track	50km	−*	✗	✓	✗	✗	✓	✓	✗

*Partial acceptability as it is considered appropriate for running to happen on some of the climbing MTB trails.



Equestrian trails

The equestrian trails and designated routes throughout the park are predominantly on the shared-use fire roads. The significant network of fire roads provides many trail options including access over Mount Stromlo into the western block.

Running and walking trails

In addition to the Robert De Castella Cross Country Running Track, runners and walkers have access to any of the shared-use fire roads, providing endless options for distance and gradient.

Road cycling trails

The Stephen Hodge Criterium Track is well suited for all levels of training and racing. A partial extension of the track has already been completed.

Cyclocross

The designated cyclocross area behind the Stromlo Leisure Centre occupies a relatively small area, making beneficial use of the artificial hill and surrounding area.

Mountain bike trails and facilities

The MTB trail network features 44km of purpose-built trails, with a good mix for all skill and experience levels. The trails are generally in moderate–good condition. There is a unique blend of terrains, natural obstacles, and hand-built features. Brittle Gums is a great facility for beginners and children.

Pump track

The pump track gives riders a way to build skills and confidence. This purpose-built pump track is open to riders of all ages and abilities.

Skills area

The Playground is a 2.5km loop which features separate skill-learning areas including North Shore bridges, jumping areas, rhythm sections, wall rides and other unique features. It can be ridden as a continuous loop or to work on a specific skill at one of the specific skill stations.

Main visitor hub and carparking

The main visitor carpark is well positioned with close proximity to all trail facilities and visitor amenities, including toilets, change rooms and showers. The new sealed car park accommodates up to 490 vehicles, including 14 disabled parking spaces.

Other carparking is available near the Bushfire Memorial and off Uriarra Road in the north-west. The north-west carpark is used by those wanting access to the trails in the north-west of the park, including equestrians.



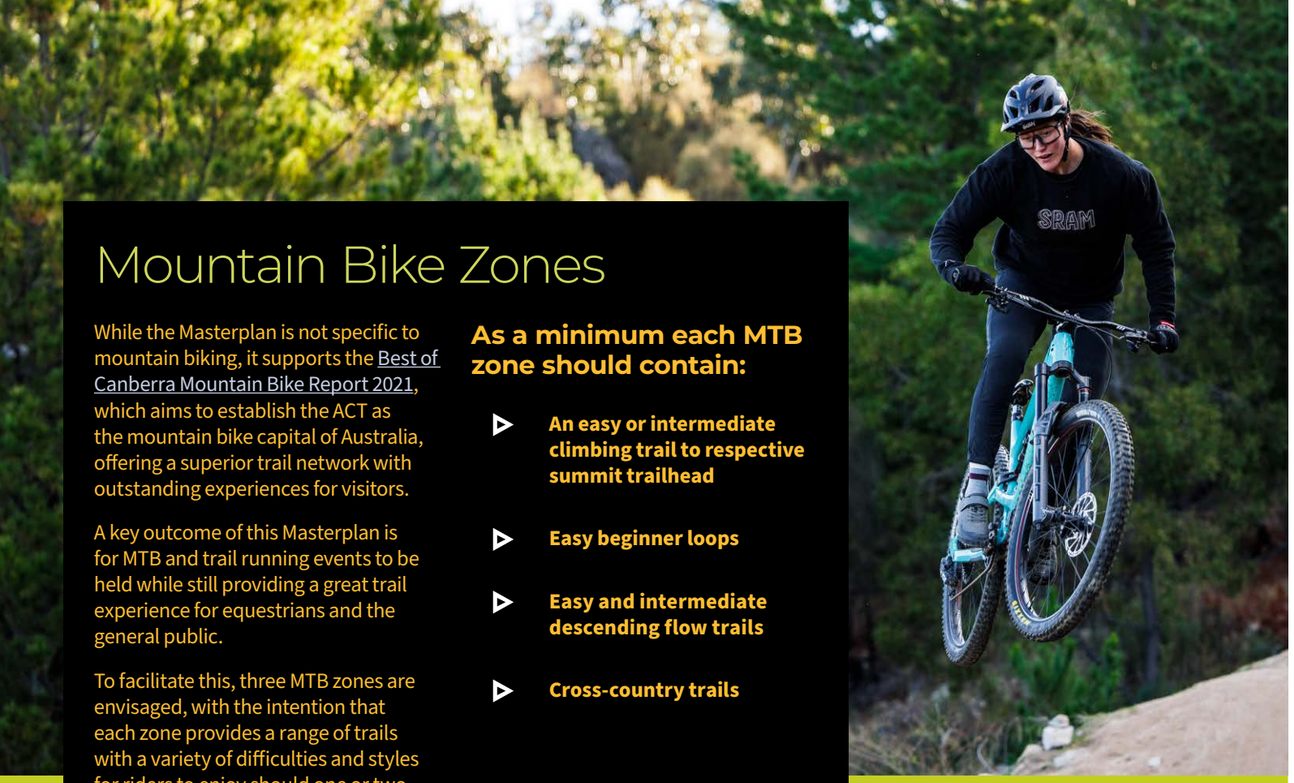
Tracks and Trails Masterplan

As a multi-sports venue, UC Stromlo Forest Park accommodates a range of different users and facilities.

The space requirements of the different user groups and trail activities varies, with some only requiring a small area (e.g. pump track riders), while others require large areas with lots of trails (e.g. runners, equestrian riders and MTB riders).

Each user group has specific needs and requirements, and this Masterplan intends to cater for and meet the future needs of all trail users.

Dedicated activity zones will help to accommodate future demands, minimise conflict, reduce the impact of events on public access and ensure facilities are in the most appropriate locations.



Mountain Bike Zones

While the Masterplan is not specific to mountain biking, it supports the Best of Canberra Mountain Bike Report 2021, which aims to establish the ACT as the mountain bike capital of Australia, offering a superior trail network with outstanding experiences for visitors.

A key outcome of this Masterplan is for MTB and trail running events to be held while still providing a great trail experience for equestrians and the general public.

To facilitate this, three MTB zones are envisaged, with the intention that each zone provides a range of trails with a variety of difficulties and styles for riders to enjoy should one or two of the other MTB zones be occupied for events.

As a minimum each MTB zone should contain:

- **An easy or intermediate climbing trail to respective summit trailhead**
- **Easy beginner loops**
- **Easy and intermediate descending flow trails**
- **Cross-country trails**

Stage 1 trail construction will address mountain bike trail realignments, trail links and new trails for beginners and intermediate riders. This will also include introducing three adaptive riding trails. These trails will help to meet the needs of recreational riders and event users, while enabling the more advanced trails to have less traffic, helping to create a safer site for a variety of users.

A further 'New Investigation Area' zone on UC Stromlo's western slopes is positioned where several unsanctioned MTB trails currently exist. This zone would require further detailed investigation and planning to determine the potential for upgrading some of the existing trails or constructing new trails in this area.

Key MTB trail opportunities identified through site observations and consultation include:

- **Maintain the concentration of trails to the front side of the mountain**
- **Incorporate the Stromlo to Cotter Trail to provide an intermediate adventure ride**
- **Increase the concentration of beginner loops close to the Main Visitor Hub**
- **More easy climbing trails to summit with options for shorter return loops**
- **More easy and intermediate flow trails, and 'hero' difficult descent**
- **More trails with jump options**
- **Incorporate selected unsanctioned trails in ANU land into the trail network to increase offer of difficult hand-built trails**
- **Renewal of specialist/ skills facilities potentially closer to Main Visitor Hub to include progressive dirt jumps, competition pump track and skills area**
- **Provision of adaptive trails to ensure accessibility for all riders**

Proposed MTB trails

- **Three top-to-bottom gravity flow trails (easy, intermediate and difficult)**
- **A range of adaptive trails, including the easy flow trail**
- **A new easy climbing trail from the northwest junction to the summit**
- **An easy trail down the north-west slopes (Stromlo to Cotter trail)**
- **An intermediate cross-country trail to the western boundary (Stromlo to Cotter trail)**
- **A variety of link trails to create loops and alternative routes including easy and intermediate skills loops, plus several easy loops close to the Main Visitor Hub**
- **Easy jumps lines: one at 'Evolution,' and another to complement the new intermediate and advanced dirt jump lines**
- **Intermediate gravity line from container bridge intersection**
- **Scope to investigate more difficult level trails**
- **An intermediate climbing trail from back of mountain to the summit**

Adaptive trails

To ensure that the trail network caters to riders of adaptive MTBs, some of the easy trails will be recommended as designated for adaptive MTB riders, as well as a potential new intermediate flow trail. Approximately seven trails are suggested to be constructed to an adaptive standard.

WHAT IS ADAPTIVE MTB?

Adaptive MTB, sometimes referred to as "off road paracycling" encompasses a broad range of riders who typically cannot ride a standard MTB and require adapted equipment and trails to suit their abilities.

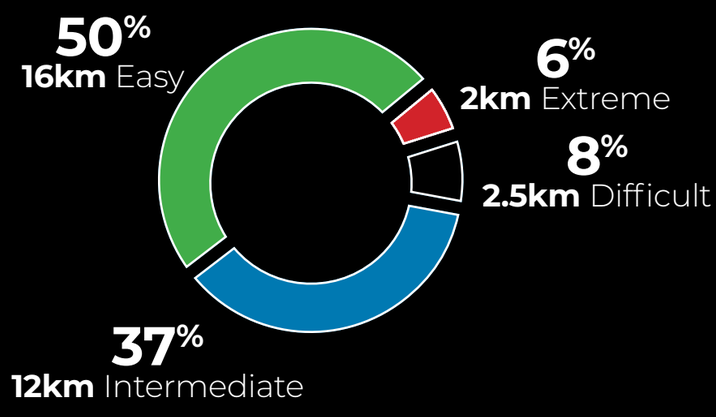
Unsanctioned trails

Further exploration and assessment will be required before any trails can be potentially upgraded or developed into feasible trails for the general public.

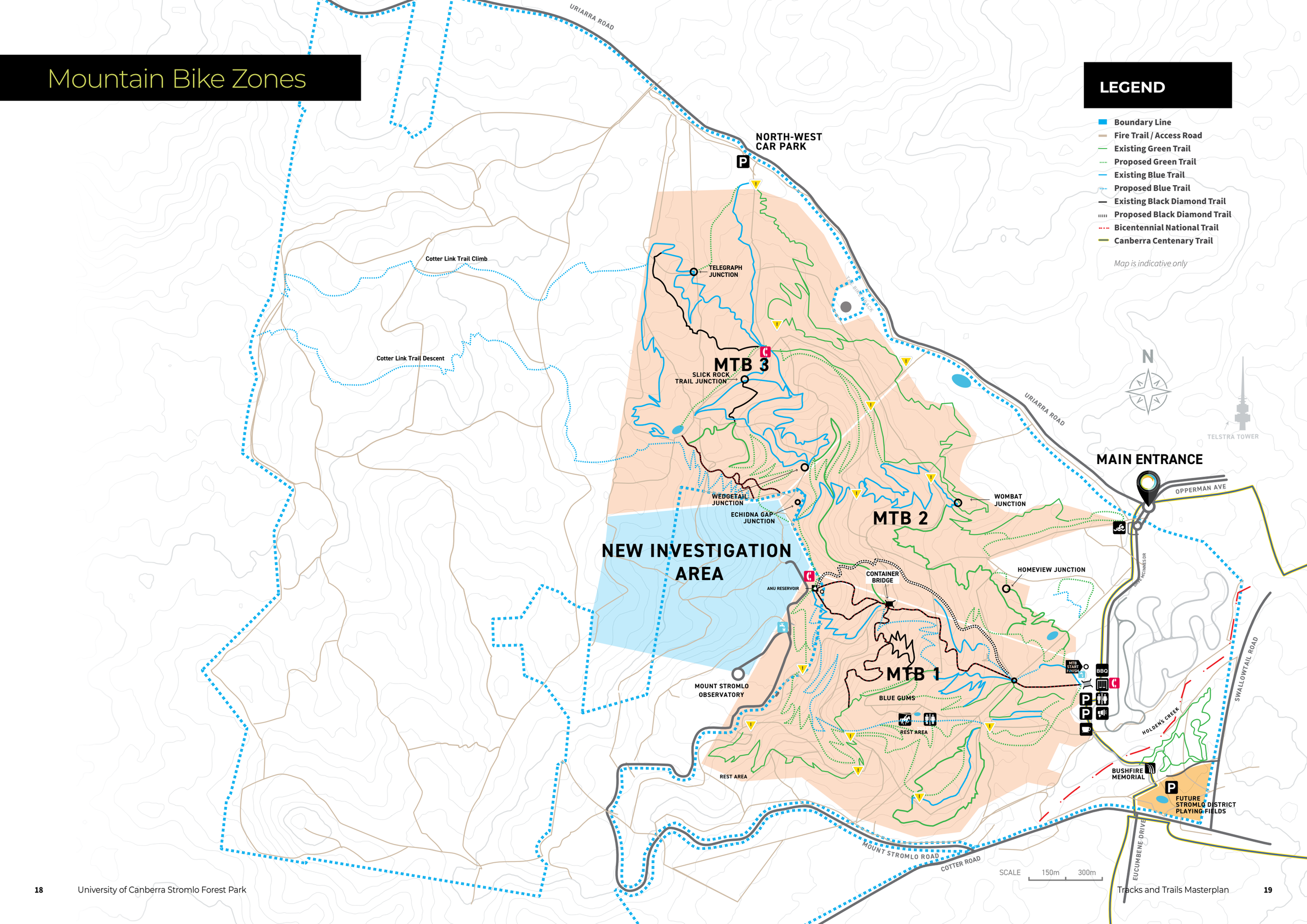
Trail crossovers

Further exploration would need to be undertaken to determine recommendations for trail crossovers (where one trail crosses another using a tunnel or bridge). It is recommended the existing 4 hill is repurposed to accommodate a new pump track and MTB playground elements that enables skills development and that enables the end of the downhill trail to be realigned to finish in a more prominent location closer to the Village Green.

The length and difficulty ratios of the new concept trails are:



Mountain Bike Zones



LEGEND

- Boundary Line
- Fire Trail / Access Road
- Existing Green Trail
- Proposed Green Trail
- Existing Blue Trail
- Proposed Blue Trail
- Existing Black Diamond Trail
- Proposed Black Diamond Trail
- Bicentennial National Trail
- Canberra Centenary Trail

Map is indicative only

Equestrian Zone

The equestrian zone in the south and west of the park could be separated from all other facilities and trails and managed through education and dedicated signage to ensure other park users recognise it is prioritised for equestrian use.

The zoning will not prohibit other users from accessing the shared-use fire roads within the zone, but messaging should help to reinforce appropriate expectations and etiquette. Similarly, the zoning does not limit equestrians from using the full network of shared-use fire roads throughout the park.

The equestrian zone provides a suitably large area to enable short loops from the proposed equestrian staging area in Block 514 (located between the Mt Stromlo Road and Cotter Road) into Block 511 (the main land parcel of UC Stromlo), and across into the more remote south-west of the park for longer loops.

Prioritised equestrian trails will connect the Equestrian Zone with the north-west car park, the Bicentennial National Trail, and the Canberra Centenary Trail in the south-east.

Proposed equestrian trails

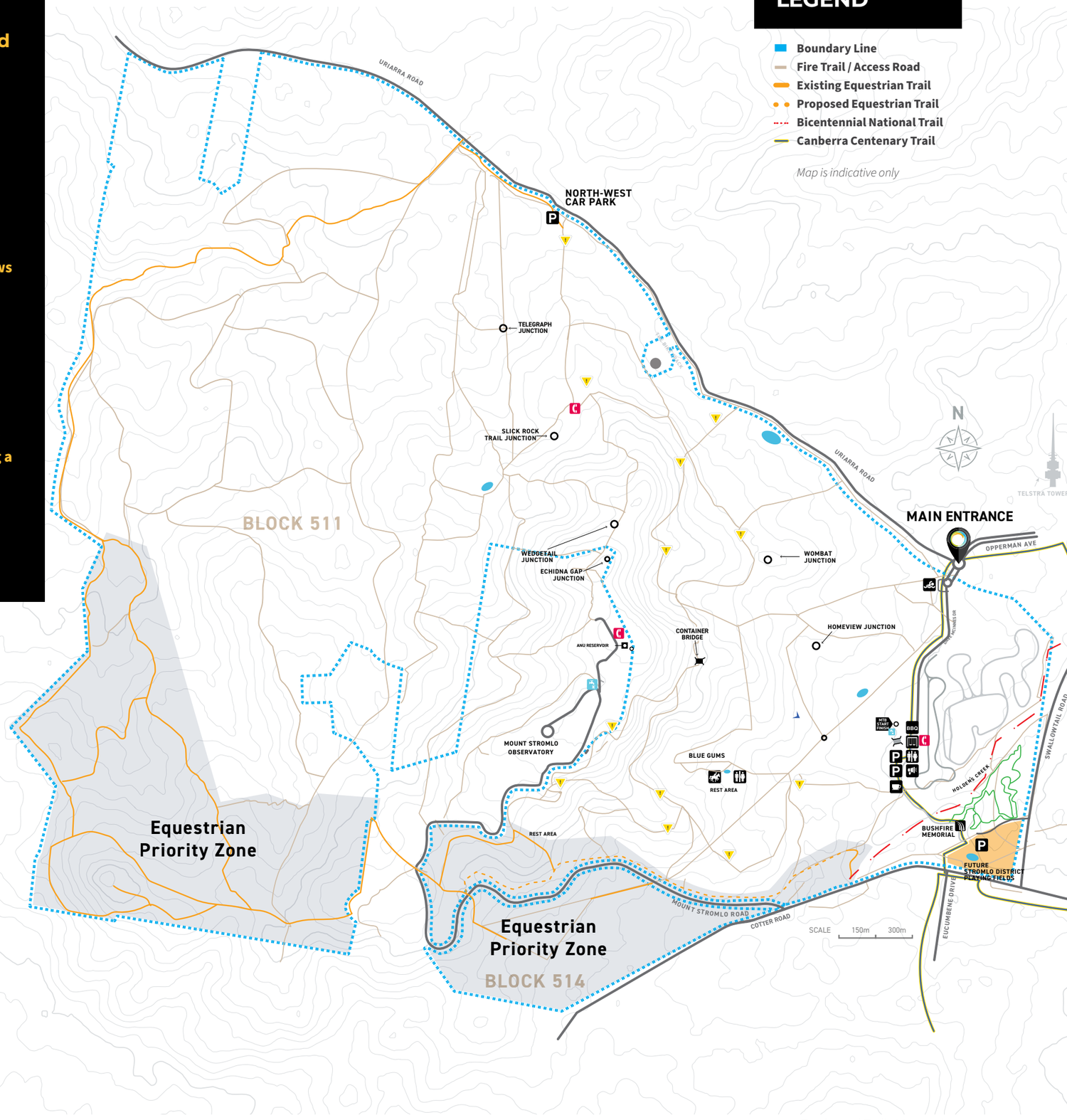
The equestrian zone would include both the south and west of the park, with Block 514 as the main equestrian trailhead and staging area. The equestrian zone accommodates a range of trails, including:

- **6.5km and 4.3km return loops from Block 514 into the western parts of UC Stromlo**
- **8.5km link trail from Block 514 to north-west carpark (17km return)**
- **2.8km link trail from Block 514 through Block 511 to the Bicentennial National Trail**
- **500m loop in Block 511 (1km including connecting link trail)**

All the above trails follow existing fire roads, except the link trail to the Bicentennial National Trail, which is recommended to be a new equestrian-only trail. In addition, there are many other shared-use fire roads throughout the western parts of UC Stromlo which remain unchanged in this Masterplan and are available for use by equestrians.

Key equestrian trail opportunities identified through site observations and consultation include:

- **The creation of a equestrian-priority zone, including dedicated areas and trails in West Stromlo**
- **A range of short rides and a longer endurance trail**
- **Inclusion of a canter hill and views**
- **Link trail from Block 514 to the north-west carpark**
- **Links to the Bicentennial National Trail**
- **Improved equestrian facilities in Block 514 with the priority being a water trough and toilet**
- **Separate float parking area at north-west carpark that is 'horse-friendly' and a brindle trail to a nearby dam**



Road Cycling Zone

The road cycling zone covers the area required to complete the extension of the criterium track.

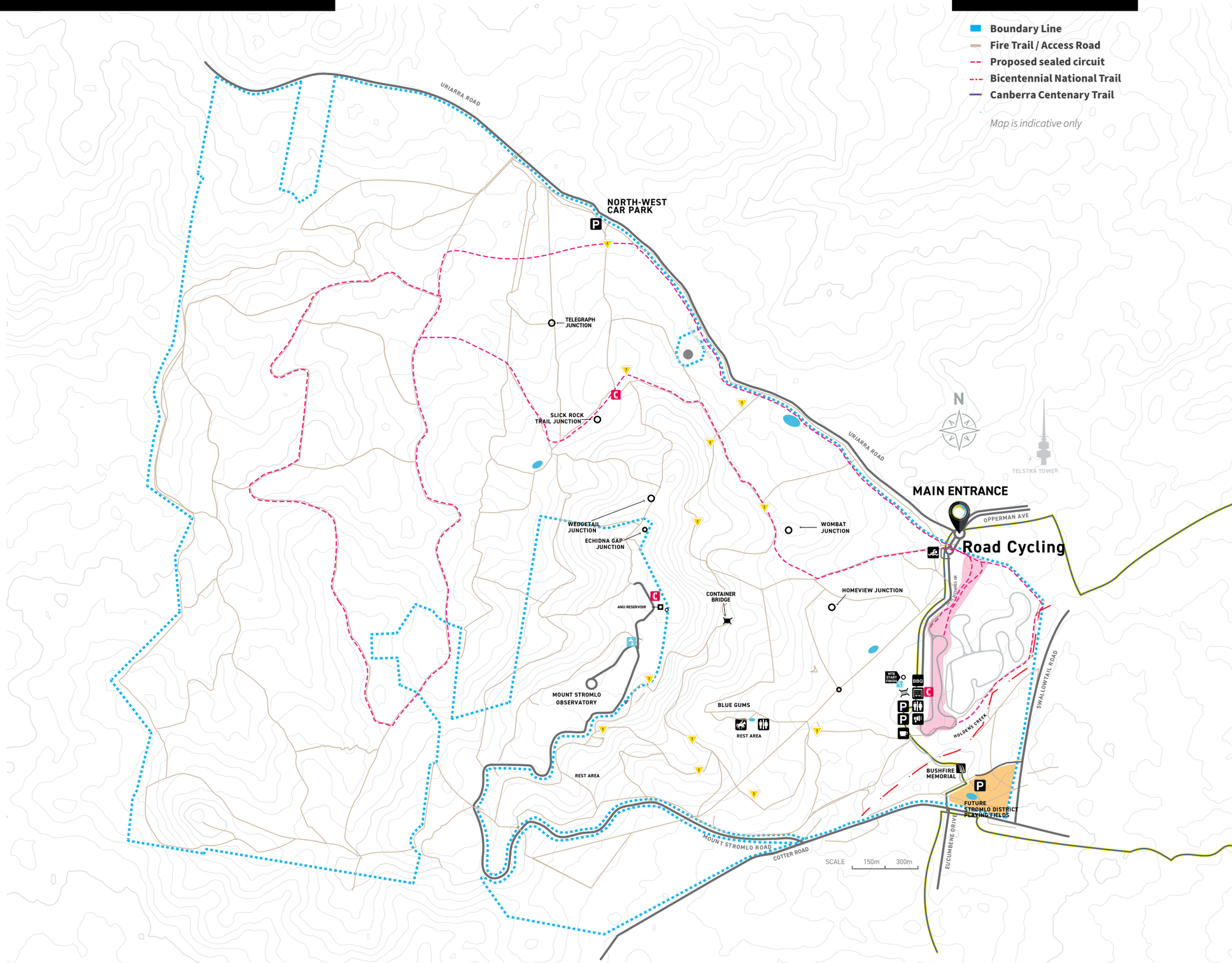
Key road cycling trail opportunities identified through site observations and consultation include:

- **Addition of lighting around the criterium track to extend use outside daylight hours**
- **Second stage of the criterium track extension (the first part of the extension has already been constructed)**
- **Assessing the feasibility of a sealed 12km circuit trail, suitable for training and UCI races**

Proposed road cycling trails

The road cycling zone would see the completion of the criterium track extension. This section is approximately 400m long, and when complete, will add an optional 1km loop to the northern end of the criterium track. Other opportunities include:

- **A proposed new loop option for the criterium track, incorporating old Uriarra Road and looping around the eastern side of the Robert De Castella Cross Country Running Track. The total loop length, including the existing criterium track and this new extension, would be approximately 2.4km**
- **12km sealed asphalt road cycling circuit around the north and western side of Mt Stromlo However, this circuit would require significant planning to determine its feasibility.**



Running and Walking Zone

The running and walking zone incorporates the Robert De Castella Cross Country Track and vacant area to the north and west. This area has some vegetation and hills that could potentially accommodate more running trails or an extension to the cross-country track.

A second area of the zone could potentially cover the unused area between Uriarra Road and the easy MTB return trails. A 2.5km running/walking single track is proposed in this area.

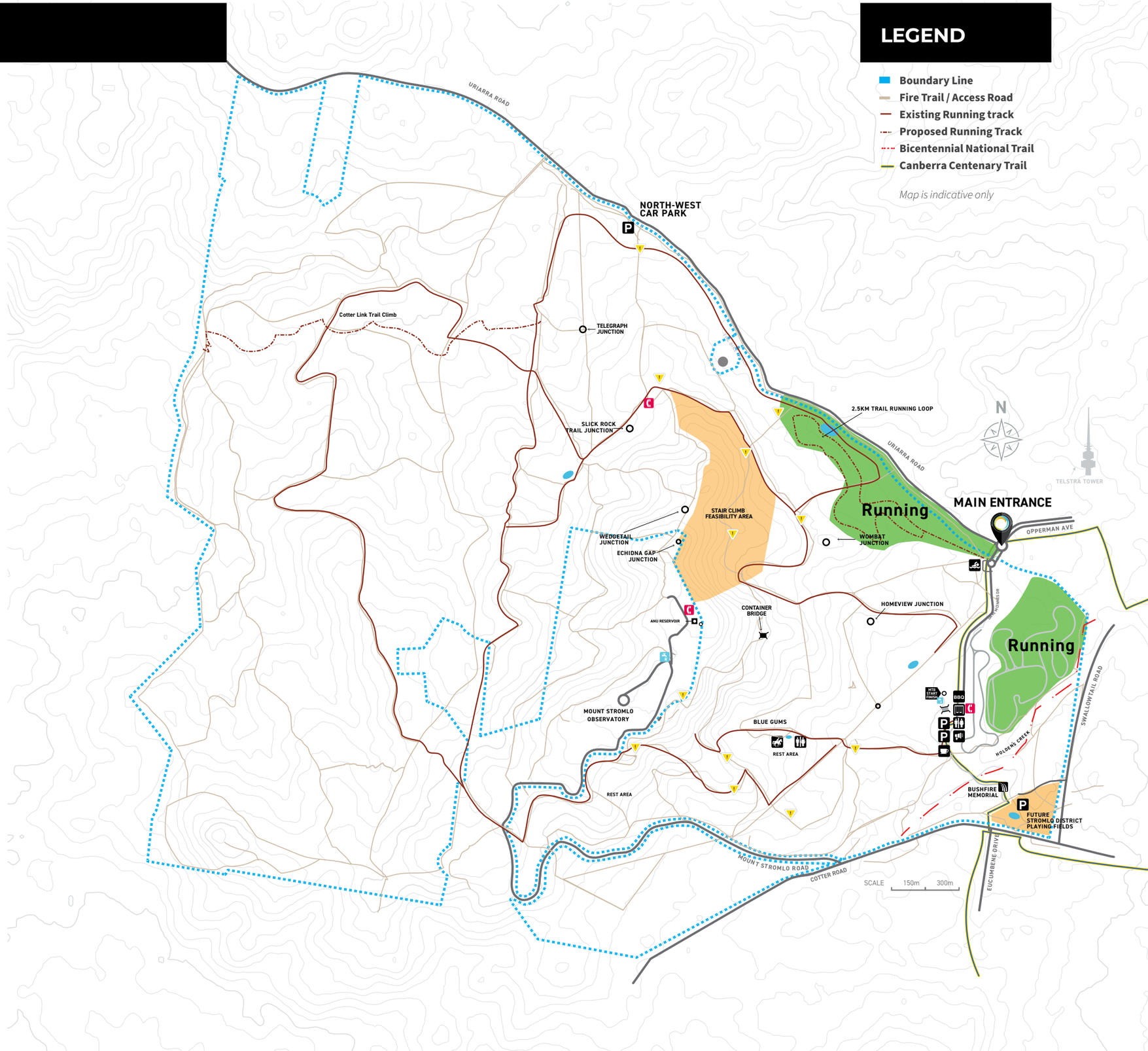
Key running/walking trail opportunities identified through site observations and consultation include:

- **'Stair-climb' trail to the summit**
- **Hero walking loop from hub to summit**
- **Development of defined 5, 10 and 15km running loops using existing trails and shared-use fire roads**
- **Some climbing MTB trails to be accessible by runners/ walkers to increase the offering of single-track**

Proposed running and walking trails

In addition to the designated running/walking trails, some of the MTB climbing trails could be made accessible to trail runners (not walkers), provided they were enhanced to enable overtaking by faster users. The speed of riders going uphill on single-track trails is similar to that of a trail runner, so there is minimal risk or conflict. Designated shared trails would require appropriate signage indicating shared use by MTB and trail runners and expected trail etiquette of allowing faster users to pass. Other trails include:

- **A series of designated running routes of varying lengths, ideally 10 and 15km, along the existing fire roads. These circuits could be linked into the cross-country running track if there was safe access under/over the main drive and criterium track.**
- **Explore the feasibility of a potential dedicated bi-directional running/ walking trail to the summit (approaches to the trail using existing shared-use fire roads).**
- **A 2.5km trail running loop in the north of the park, near Uriarra Road and within close proximity to the Main Visitor Hub and Robert De Castella Cross Country Running Track. This area has the potential for more trails, subject to the requirements of the running community.**



Western UC Stromlo Activity Zone

The western half of the park provides a large natural landscape with a sense of remoteness and detachment from the developed eastern side.

The area is predominantly covered by native vegetation with numerous creek gullies running to the western boundary.

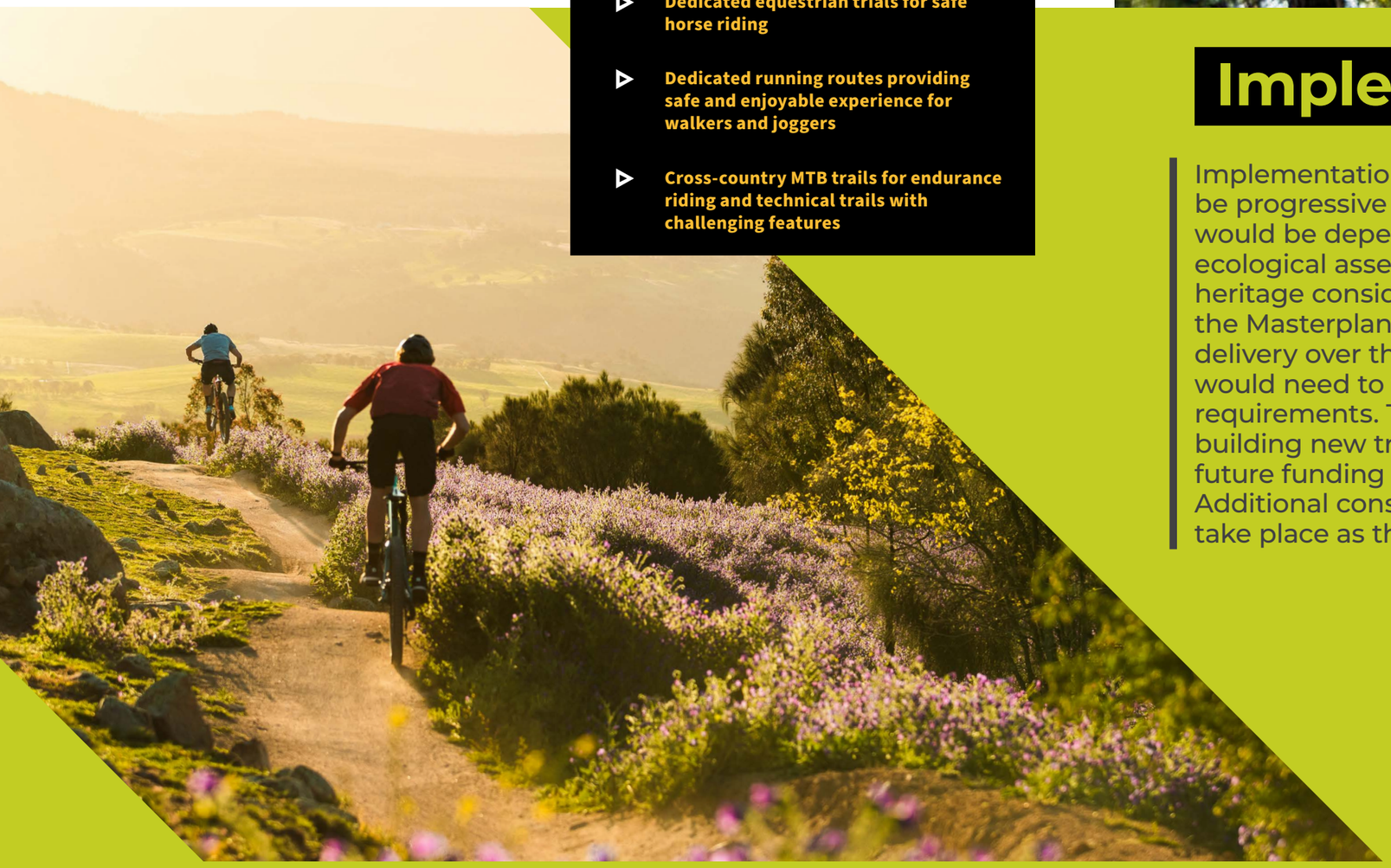
Trail concepts in the western area have been kept to a minimum, following current easements.

Any proposed development of new trails, such as a sealed road cycling circuit, would require significant planning to determine feasibility.

KEY DIRECTIONS

Suggestions for longer term use of the Western UC Stromlo Activity Zone include:

- **Longer trails that offer extended riding, running, and walking experiences, enabling users to explore the natural surroundings at their own pace**
- **Sealed road cycling circuit that follows the existing fire road easements (pending planning and feasibility)**
- **Dedicated equestrian trials for safe horse riding**
- **Dedicated running routes providing safe and enjoyable experience for walkers and joggers**
- **Cross-country MTB trails for endurance riding and technical trails with challenging features**





Implementation

Implementation of the Masterplan would be progressive over the longer term and would be dependent on funding decisions, ecological assessments, and cultural and heritage considerations. It is recommended the Masterplan is implemented in a phased delivery over three stages. Any construction would need to follow the necessary planning requirements. This phased approach to building new tracks and trails will help inform future funding decisions by ACT Government. Additional consultation with stakeholders will take place as the Masterplan progresses.

Stage 1

Stage 1 would focus on completing the necessary planning activities to reach a construction-ready stage and inform more accurate costings for future stages of this Masterplan.

KEY ACTIONS

- Ground truthing and construction features/ recommendations for all concept trails (MTB, running, equestrian).
- Design of signage plan for appropriate management and wayfinding of designated equestrian zone/trails and running trails.
- Establishment of ecological assessments and associated approvals.
- Regular community education campaigns that focus on the safety of non-cycling trail users.
- Establishment of cultural heritage management plan.
- Address any immediate requirements of the park, including trail maintenance and upgrades, new signage, and trail modification to improve user safety.
- Trail upgrades and delivery of new trails where planning or approval is minimal, and the installation of management signs and minor wayfinding bollards.
- New Stromlo to Cotter Trail, which will traverse sections of the Stony Creek Nature Reserve.
- Construction of new MTB trails and modification of existing trails to be considered.





Stages 2 and 3

Stages 2 and 3 of the Masterplan would primarily consist of construction phases, where delivery of trails and supporting infrastructure are prioritised according to how they address the project's guiding principles and the key outcomes that the Masterplan seeks to achieve.

KEY ACTIONS

- Reduce conflict by providing areas of user prioritisation, especially for equestrians, events and general recreational use including tourism.
- Reduce areas of congestion with increased trails and careful planning for diverse sporting users to improve user safety.
- Develop MTB trail zones that enable trail events to happen in one or two zones while still providing public access and a satisfying trail experience in a different zone.
- Construction of new MTB trails and modification of existing trails to be considered.
- Develop 2.5km running circuit.
- Develop a summit stair climb running trail.
- Single equestrian track to link with Bicentennial National Trail.
- Add functionality to the trail network to meet the increasingly diverse range of users on site.
- Provide greater equity and balance to the trail offering.
- Fill critical gaps identified through consultation.

Appendix A - Trails Implementation Detail

The following tables provide indicative trail lengths, and other alterations may apply once constructed. Trails do not have a defined scope and quotes have not been obtained.

Stage 1 – Mountain Bike Trails

Trail Description	Trail Style	Length (m)
Primary Access Trail Sealed shared-use trail providing connectivity and access from car parks to main visitor hub, trails, dirt jumps and pump track.	Shared use	659
Stromlo to Cotter Trail A new 15km trail will go from Stromlo to the Cotter, linking two popular recreation areas.	Flow, All mountain	15,000
New trail – beginner skills loop With new skill features accessed from the main carpark.	Skills	475
New trail – intermediate skills loop Accessed from the beginner loop.	Skills	363
Link trail connecting Wattle Happen with Old Duffy Enables a 420m beginner loop from main trail head.	Adaptive	118
Link trail to facilitate easy 1km loop Connecting Wattle Happen with Old Duffy descent to enable an easy 1km beginner loop.	Adventure	42
Trail realignment – Old Duffy Realignment of the final section of Old Duffy to separate it from Trebuchet, separating beginner and immediate/experienced riders and making it safer.	Adaptive	448
Link trail to dirt jumps Enables access from Wattle Happen.	Adventure	53
Link trail to dirt jumps Enables access from Luge and Breakout descents i.e. Homeview Junction to top of dirt jumps.	Link	145
Trail realignment – Rascals Realignment of Rascals to enable north/south flow of trail network without trials needing to cross over.	Adaptive	114
Trail realignment – Downhill (A) Slight realignment of finish to Downhill (A) to finish at front of the Village Green and to clear pipe bridge crossing for improved trails movement. Final jump to be included in the realignment.	Downhill	162
Dual Slalom line 1 and line 2 Adding diversity to offer and improving event readiness.	Slalom	516
New trail Easy jumps line in dirt jumps area to complement existing intermediate and extreme lines.	Adaptive	382

Stage 2 – Mountain Bike Trails

Trail Description	Trail style	Length (m)
Zone 1 – Easy climbing trail realignment Realignment utilising Evolution climb to open areas for new descending flow trails.	Adaptive Adventure Adventure Adventure	523 807 340 215
Zone 1 – New flow trail From shuttle drop off to main visitor area incorporating Red Rock Lookout and Rocky's to be rebuilt as descending trails.	Adaptive Adaptive	150 2,512
New Jumps trail – Evolution easy Running between the two Evolution descents and complementing the easy turns and intermediate jumps trails.	Jumps	383
Zone 1 – New flow trail – intermediate flow trail A new intermediate flow trail from the summit shuttle drop-off to the main visitor area.	Adaptive	2,152
New Trail – Blue Gums easy descent Access off the Zone 1 easy climb, or either of the new flow trails to provide an alterative descent.	Flow	892
Zone 2/3 – New trail – Easy climbing trail New easy climbing trail from NW trailhead to the summit. Alternative to Casuarina Climb.	Flow Flow	1,198 1,160

Link trail Removes extension of Breakout providing a more direct option.	Flow	441
New trails Selection of unsanctioned and/or new trails following detailed investigation and planning.	Gravity	3,738* *based on 7 trails
Trail realignment Small new section to link Blackberry Climb with Slant Six without using the fire road. Removes difficult start section to Slant Six to provide easy trails all the way to Wombat Junction.	Adventure	80
Link trail Easy climb trail off Wattle Happen to provide option of connecting with new descending Blue Gums descent trail.	Adventure	475
Link trail Enables riders to switch from Trebuchet to Cockatoo Switchbacks (now reversed) at fire road crossing.	Adventure	76
Link trail Small link to improve entry into Fenceline from Evolution and intermediate flow trail.	Link	27

Stage 3 – Mountain Bike Trails

Trail Description	Trail style	Length (m)
Zone 1 – New trail – intermediate flow trail 2 Entered from Trebuchet or Skyline to provide an alternative descent.	Flow	988
Trail realignment – Trebuchet Realignment of Trebuchet if BMX supercross zone is utilised.	Flow	386
Zone 2 – New trail – difficult 'hero' trail Trail from summit follows the fall line north of the World Cup A line, and eventually merges with Trebuchet.	Downhill	1,300
Link trail – Willo link return Allows for a more direct trail back to the main visitor area as an alternative to After Party, Dingo, White Gums and Ringtail.	Adventure	457
Trail realignment – Breakout Minor realignment to allow increased area for Cyclocross.	Flow	222
Zone 3 – New trail – climbing trail Intermediate climbing trail into Western Wedgetail to Wedgetail Junction.	Adventure	2,346
Zone 3 – Link trail – Brindabella return Connects Zone 3 descents to NW trailhead, alternative to using fire road.	Adventure	578
Link trail Improved connection into new Zone 3 descents (ANU Trails).	Adventure	173
Trail realignment – Dead Gum Dam Realignment of trail to provide more direct access to north-west car park and avoid intersecting with equestrian trail.	Adventure	482
Link trail Small link trail to improve function of NW trailhead junction.	Adventure	229
New trail Easy adaptive return trail accessed from either Zone 1 climbing trail or from the fire road.	Adaptive	532
New trail Extension of Breakout to connect with and enable access from Uriarra Road.	Adventure	557
Trail realignment Willo Link to go in when Willo Link Return trail is constructed.	Adventure	97