

SKATE PARK PROJECT MONASH UNIVERISTY

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Introduction

In late 2024, the City of Casey, in collaboration with a Monash university, initiated a project to audit and assess the 24 skate parks within the municipality. This initiative, introduced by Nik Filips, involved working closely with the aforementioned, community safety team and the graffiti management team. The project's primary focus was to evaluate the skate parks through the lens of Crime Prevention Through Environmental Design (CPTED) principles, assess the frequency and types of graffiti, and examine the usability and design of the skate features.

Given that Casey is home to the fastest-growing youth population in Victoria, developing a strategy to engage young people within the community and prevent crime and antisocial behaviour is crucial. The project aims to enhance existing skate parks and establish guidelines for future developments, providing Casey's youth with designated spaces they can claim ownership of and create their own safe and thriving community within.

The project's objectives were threefold: to reduce graffiti in public spaces, increase community engagement (particularly among youth), and boost the popularity of skating and scootering as youth sports. Through the audits, patterns were identified, leading to recommendations for upgrading Casey's skate parks.

This initiative aligns with Casey's broader youth engagement strategies and community safety efforts and the health and wellbeing strategy, demonstrating a proactive approach to creating safe, inclusive spaces for young people while addressing potential issues such as graffiti and antisocial behaviour.

All parks were initially audited by a community safety team member in December 2024, with graffiti subsequently cleared. Any graffiti found during the audits for this report was new since late December. For this project, 'youth' is defined as individuals between 12 and 21 years of age. For definitions and diagrams of skate terms used in the report, please see The Skatepark Project's <u>'Best Practices of Skate Park Design Report'</u>.

Methods

Our team of four students undertook a full audit of all the skateparks in the City of Casey both in the day and at night to gauge community engagement, usability, perceptions of safety and overall condition. The team was split into two pairs which worked together alongside the Casey Community Safety Team. All sites were audited twice during the day and once at night, accompanied by a supervisor from the Community Safety Team.

To obtain comprehensive results from the audits the team completed a standardized form involving a total of 62 questions. This was the 'Skatepark Audit Form' created internally by Casey staff. The questions covered topics including general impressions, safety, amenities, lighting, signage, sightlines, accessibility, maintenance, usage, security, public transport and overall design.

Additionally, a team of professional skaters from The Shed Skatepark were engaged to consult and conduct their own audits of the skateparks focusing on the usability and user-friendliness of the skateparks from a skater, scooter user and BMX user perspective. Their

experience as staff in The Shed Skatepark and their personal knowledge of the sport gives them expert insight into what obstacles work in any given skatepark and what people of different skill levels may require. In their audits, they created individualized videos that explain their opinions on the skateparks after experiencing them as users which will allow for our team of non-skaters to use their input in giving recommendations on the specific obstacles featured at the sites.

Results

Skating conditions

Construction/design

Overall, there is a nice variety between street and park style skate parks. Additionally, as many of these skate parks are in residential areas, the expectation is not crazy, users understand that there is limited room and variety and understand the purpose of the parts as somewhere to practise. However, the common issues seen are:

- 1. Placement of obstacles: Which can impact the flow of the part and make the space feel even smaller to the user
 - a. Having minimal run up before/ in between obstacles. See Cranbourne West Alarah, Doveton.
 - b. Having no roll away by placing obstacles too close to the edge of course/ next to another obstacle. See Grand Belmond, Cranbourne West Alarah, Clyde North St Germain.
 - c. Nonsense placement, preventing usage and crowding space. See Clyde North Eliston, Clyde North St Germain, Clyde North Eliston.
- 2. Construction of obstacles: Prevents usage and creates hazard.
 - a. Poor transitions. See Selandra Rise, Clyde North St Germain, Merinda Park
 - b. Obstacles too high. See Cranbourne East, Hampton Park, Doveton, Cranbourne West Quarters.
 - c. Incoherent proportions. See Cranbourne West Quarters, See Ray Perry, Cranbourne West Quarters.
 - d. Inappropriate obstacles due to outward angle or material. See Clyde Creek, Wheelers Park, Cranbourne West Quarters, Buchanan.

Condition/upkeep

Due to the consistent efforts of the graffiti management team, the aesthetic maintenance was kept at a reasonable standard, reflective of the reported 60% maintenance during the audits.

However, poor maintenance of beautification attributed to a 41% in parks feeling uncared for, with a 'set and forget' feel as is the case in Cranbourne West Quarters. Additionally, cracks and gaps in concrete require immediate attention due to the hazards and impact of skatepark usability. See Hampton Park, Doveton and Wheelers Park. Rust was a recurring feature on metal surfaces, a consequence of minimal usage. The most extreme case can be seen in

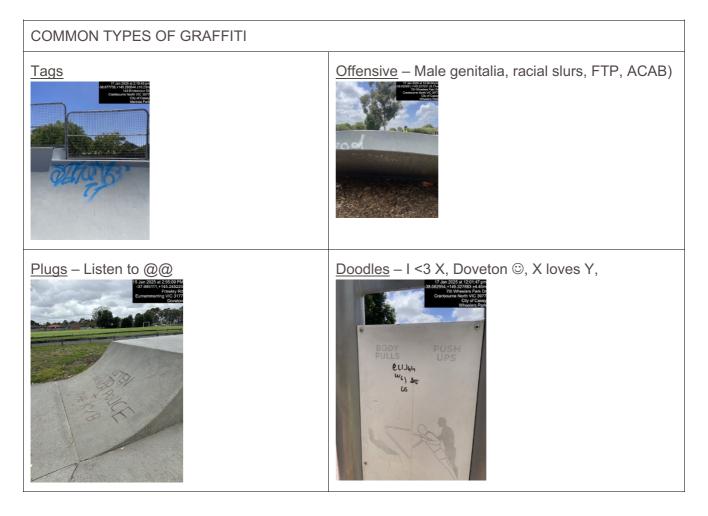
Tooradin, however rusted obstacles and coping can be seen in Hampton Park, Wheelers Park, Merinda Park and St Germain.

Site Condition

Graffiti

Graffiti in the skateparks can be grouped into 4 categories: tags, offensive, plugs and doodles.

While all forms of graffiti are harmful to the space – by promoting negative perceptions and reinforcing the interrelationship between skateparks, graffiti and antisocial behaviour, the most damaging was the plugs. In discussion with riders, this form is not done by the skating community, hence the harmful medium which denatures the course and creates difficulty for users. However, many do enjoy the graffiti, specifically, in the case of Pearcedale's bowl.



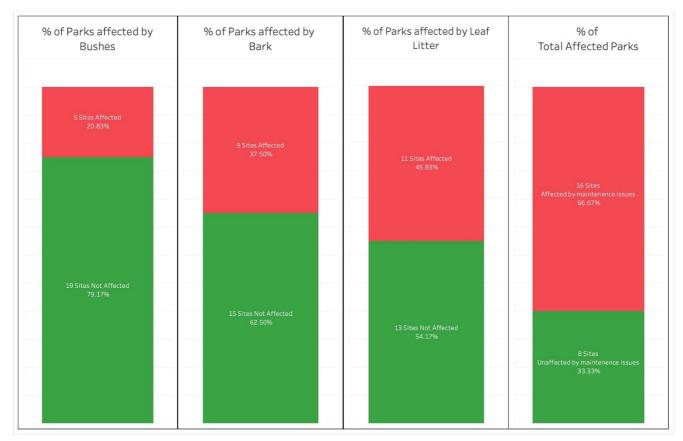
Litter

All the sites the team conducted audits for had litter present to some extent. The extent of the litter varied from site to site, but the most extreme examples of littering were found at Pearcedale, Selandra Rise and Doveton skateparks. At Pearcedale the litter collecting in the

bowl affected the usability of the bowl itself, the youth response at the site confirmed that they believe the rubbish bin is too far from the bowl which leads to people littering. At Selandra rise, the team also discovered some rubbish and an old TV that had been dumped behind the seating area, the TV created a safety hazard, since there was broken glass at the site. Meanwhile, the litter discovered by the team at Doveton was extensive and featured evidence of illegal activity at the site. The litter found included used syringes, condoms, nitrous oxide canisters, empty containers of alcohol, undergarments, lighters and empty fastfood containers.

Maintenance

Garden maintenance impacted a large portion of the Skate Parks. The common trends found were overgrown bushes, leaves and bark. Each of these interfered with the course and creating hazards for users. When talking with users, bark was repeatedly commented on, with users explaining cleaning the bark from the course taking away time use.



Maintenance Issues represented by percentages

Fig. 1. Graph showing the percentage differences between the maintenance issues in each of the parks across the categories of bark on the park, leaf litter on the park and overgrown bushes and a total affected by issues.

Amenities

Majority of the skateparks, especially those in residential areas, were grouped in with other facilities. This meant that there was access to BBQ's rubbish bins, seating and water taps. However, the common issue we found was that these amenities were adjoining the playground and basketball courts, rather than the skateparks themselves. Leaving skatepark users to walk approx. 100m+ for these amenities and in some cases, users could not locate these due to the distance. See Hampton Park, Doveton, Cranbourne West Ambrosia, Cranbourne East, Cranbourne North Meridian, Merinda Park, Botanic Ridge, Brompton. Or, in the Case of Tooradin, Pearcedale and Cranbourne West Alarah there was no water taps. Inaccessibility to these amenities discourages extended use. Additionally, with littering being a recurring factor, the distance/lack of bins is an important feature to discuss. Specifically in the case of Pearcedale, where the bowl is constantly littered making in unusable. Minta Park was also the only park to feature a 'Bike tool station'.

Shade

A combination of artificial and natural shade was identified at Doveton, Endeavour, Selandra rise, Buchanan, Ray Bastin and Clyde Creek. However, in the remaining skate parks, prevented users from extended stay. The greatest concern was in the case of Clyde North Meridian, where users expressed the need for shade on the grass patch adjacent to the skate park, which would allow for a place to rest in between rides and keep their belongings (water) cool – especially important with no apparent water taps.

Lighting

Being in residential areas, the majority of the skate parks did not have intentional lighting to ensure that these places were not activated late into the night. However, due to proximity to walking paths, the lack of lighting creates feelings of unsafety. Of the three skateparks that did have lighting (Buchanan, Endeavour Hills and Selandra Rise) Buchanan was the only to have working lights during the night audits. Additionally, four parks: Ray Bastin, Hampton Park, Clyde Creek and Tooradin had lighting nearby that lit up areas of the skate park.

Safety and Engagement

Experience/perceptions of safety

The comprehensive audit of 24 skateparks revealed a distinct psychological shift between daytime and nighttime environments. During daylight, audits were completed without apprehension, whereas, the night audits highlighted the isolation and darkness of the skate parks.

The skatepark audits revealed a complex interplay of positive and negative elements across various locations. While some parks, such as Hampton Park Skatepark, inadvertently attracted late-night gatherings and anti-social behaviour, creating an unwelcoming atmosphere, many others showcased excellent facilities in vibrant, community-oriented settings. Despite design flaws or maintenance issues in certain parks, the overall experience was largely positive, with many locations fostering busy, family-friendly environments, like Wheelers Park. The diversity in skatepark qualities and atmospheres ultimately enhanced our

appreciation for well-designed spaces that promote positive community engagement and physical activity. The contrast between problematic and successful skateparks underscored the importance of thoughtful urban planning in creating safe, inclusive recreational areas for all ages.

Crime Prevention Through Environmental Design (CPTED) Implementations

Residential skatepark lighting is primarily designed to illuminate surrounding sidewalks, with fixtures often directed away from skate areas to discourage nighttime use and ensure residents' safety due to limited passive surveillance after dark.

These skateparks are strategically placed in residential zones to foster youth engagement and provide leisure spaces for families and friends. During daylight hours, the presence of diverse community members creates a safer, more active environment, making these areas feel secure and inviting for children and young people.

Daytime use of residential parks benefits from natural passive surveillance due to the multipurpose nature of these spaces, especially when skateparks are adjacent to other recreational areas. Some skateparks, like Tooradin and Ray Perry Park, are situated in public areas near main roads, a petrol station (Tooradin), or shopping centres (Ray Perry Park). These locations enjoy extended passive surveillance from nearby businesses, bright street lighting, and passing traffic, even during nighttime hours.

Certain skateparks, such as Endeavour Hills and Pearcedale, are designed with clear sightlines from roads and nearby houses. Careful landscaping, with strategically placed or well-maintained plants and trees, minimises visual obstructions and potential entrapment zones. This thoughtful design enhances overall safety through improved visibility and surveillance opportunities.

Street art promoting safety and community

Adrian Doyle, a prominent Melbourne-based artist known for his extravagant murals, has contributed to the understanding that heavily tagged areas often evoke feelings of insecurity among residents and visitors. In contrast, commissioned murals and street art have been shown to significantly enhance the aesthetic appeal of urban spaces, fostering a greater sense of safety and community pride. This transformation through art has the power to revitalise previously avoided areas, turning them into attractive destinations that draw people in. The positive impact of street art extends beyond mere beautification, creating vibrant, engaging environments that encourage social interaction and improve the overall perception of public spaces.

Often, skate areas are engaged by locals in the area and would see tagging on the skatepark and dislike it. However, if a skatepark was painted with attractive bright colours, it would make any skatepark more popular and eye-catching. This would increase the likelihood of locals, passersby, and other users to travel and see it.

Skateparks often become canvases for local expression, with tagging frequently viewed as a detraction from the space's aesthetic and community value. However, transforming these

areas with vibrant, attractive colour schemes can dramatically alter their appeal and perception. Strategically applied bright colours not only enhance the visual attractiveness of the skate park but also serve as a powerful magnet for local skaters, curious passersby, and potential users. This visual transformation can effectively elevate the skate park's status from a mundane recreational space to an eye-catching urban landmark, increasing foot traffic, community engagement, and overall usage. The psychological impact of colour and design can turn an ordinary skatepark into an inviting, dynamic environment that draws people in and fosters a sense of community pride and ownership.

Users present

Our observations across various skate parks revealed a consistent demographic pattern, with the majority of users being children and teenagers aged 10 to 16. While the sport remained predominantly male-dominated, girls were also present, either participating in skating or socialising and observing. Most skate park visitors arrived in pairs or small groups, highlighting the social nature of the activity. In particular, Pearcedale skate park exemplified this trend, often bustling with young skaters in pairs and groups spanning the entire age range. Interactions with these users revealed a strong sense of camaraderie, with friendships forming across age boundaries, united by their shared passion for skating and the time spent together at the park.

Users' activities

Our observations across various skateparks revealed diverse usage patterns. While some parks, like Pearcedale, saw a higher BMX presence, others were dominated by scooter users or a mix of skateboarders and scooter riders. Boys typically favoured BMX, scooters, and skateboards, while girls were more often seen on bikes. Many parks fostered a family-friendly atmosphere, attracting younger children accompanied by parents for leisure and socialising. In these settings, both girls and boys engaged with the facilities, with girls leaning towards bikes and boys using a variety of wheels. Some parks, such as Wheelers Park, showcased delightful parent-child interactions, with adults joining in activities or creating impromptu games. At venues like The Shed, parents not only supervised but occasionally participated in skating sessions alongside their children, highlighting the inclusive, multi-generational appeal of these spaces.

Individual Audit Report Forms

CRANBOURNE SOUTH - BROMPTON 40S Edgar Avenue, Cranbourne South, VIC, 3977

DESCRIPTION

An estate centred pump track with lots of variation and adjacent exercise facilities. This park is targeted towards older kids and adults with lots of advanced equipment and a basketball court. It did not have any other facilities nearby or means of access unless you were a local resident in the surrounding estate.

Fig.1 – view of one of the runs in the pump track	Fig.2 – the colourful moo signage at one of two er to the park		Fig.3 – view of the bouldering equipment
	ing. ground and notes co-use and y visually to ledges and edges o a higher standard s	to pro	ITATIONS Track collects water and can become slippery after rainfall. Due to its popularity, users can be caught waiting a long time for a turn. Course simplicity leads to quick boredom of users bovide variety and cater to more users. the weeds cannot grow and the ground e to the park.

BOTANIC RIDGE - hayloft way botanic ridge

DESCRIPTION

A residential park featuring integrated playground, skate area, and green spaces, designed to foster community recreation on an elevated landscape.

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Fig. 1 Pump track connecting to the bowl (Fig. 2). Natural	Fig. 2 Spacious bowl design with varied ramps and humps,
elements blend seamlessly with the skatepark, creating	featuring integrated colours and a yellow safety line marking
harmony between man-made structures and nature.	the bowl's edge.
 STRENGTHS Good transitions on ramps despite limited skateboard flow. Active community space with playground and dog-walking areas. Spacious multi-use park and family-friendly amenities like park shade and BBQs. Conveniently located in residential area, easily accessible to local community. Skatepark accommodates multiple riders, with design favouring scooters and BMX. COMMENTS 	 LIMITATIONS Plants around the pump track add a natural touch but can obstruct skaters and feel distracting. Skate area feels congested, with limited flow for skateboarders despite a bowl for freer movement. Bowl suits bikes and scooters but lacks features like coping for skateboarders. Proximity to houses may cause noise concerns for residents. Poor visibility at night makes navigating the skate area and pump track potentially unsafe.

COMMENTS

- Skate area visibility limited from the footpath due to elevation and vegetation, compared to the visibility from the skate area.
- Suggested to have some shade in the skate area.
- Skatepark proximity to residences have previously caused noise complaints, especially if skate area is activated at night.

FURTHER INFORMATION

The Shed Team Review – Botanic Ridge review.MOV

SkaterMaps - https://skatermaps.com/botanic-ridge-pump-track/

BUCHANAN PARK 74 Clyde Road, Berwick, VIC 3806

DESCRIPTION

This original plaza style skate park built by skatepark builders <u>Convic</u>, incorporates both street and park elements and is well regarded by locals and others. Accessed by the nearby Berwick train station and the 835, 847, 888, 889 and 899 bus routes this park is perfectly situated in Berwick. The park contains various walking routes, two playgrounds and a sheltered BBQ and seating area and is located next the Federation University. The park includes a quarter pipe, other ramps, banks, ledges, a hubba, grind rails and blocks.







Fig.1 - view of the street section

STRENGTHS

- The flow within the park was well regarded by both amateur and professional skaters.
- Easily accessible by public transport (train, bus).
- Solar powered flood lights create a safe and usable space at night.

es Fig.3 - view of the quaterpipe ramps

LIMITATIONS

- Incorrect materials on skating surface create a hazard (Fig.2)
- Lack of maintenance evident in graffiti, bare dirt, overgrown plants and peeling paint
- Old toilet bock creates an unsafe entrapment zone which is also regularly tagged

COMMENTS

- Strip the paint back on the obstacles and complete with a brushed metal finish
- Remove toilet bock and install a single accessible block closer to the other community amenities (BBQ, playground, pavilion)
- Install a better fence to stop car meetups from occurring within the park.
- Remove the granite tiles and replace with a skate safe material.
- Increase the maintenance frequency to reduce the overgrowth of the bushes at the top of the ramps as well as raising the height of the lowest tree branches to increase the sightlines.
- Beautification could be completed easily at this park along the edges of the skate obstacles, around the various lamp posts or on the toilet block should it not be removed.

FURTHER INFORMATION

Skater Maps - Buchanan Park Skatepark | Skater Maps, Skatepark Directory

The Shed team review and demonstration - Berwick (Buchanan) interview.MOV

Convic – Convic: Skate Park Design, Construction, Planning & Repairs

Leadsun lighting - Case Study - Berwick Skate Park.indd

CLYDE NORTH - ELISTON Waterman Drive and Swanston Street, Clyde, VIC, 3978 DESCRIPTION

Large open flow skatepark featuring two quarter pipes, euro gap, ledges and a single rail. Easily accessed to members of the estate via walking path.







Limited variety leading

Inappropriately placed obstacle, with minimal

run up to the ledge and

Bark on perimeter leads to interference of the

long bar tucked away

discouraging use.

users to get bored

gap and single rail.

LIMITATIONS

quickly.

course.

Fig.1 Instruction sign with QR code directing users to council website.

STRENGTHS

- Good flow in the skate park, with opposing quarter pipes.
 Mellow transitions on the quarter pipes make an
- enjoyable use.
 Beautification throughout the park makes for an enjoyable visit.
- Proximity to water taps, other basketball court, BounceBack wall, fitness equipment and walking track promotes passive surveillance.
- Entrance signs are encouraging to show beginners how to ride but contains an irrelevant QR code. See Fig.1

COMMENTS

While this skatepark is encouraging for local users with its connected colour scheme and large area, it can be improved by restructuring the obstacles and utilising hybrid obstacles such as fun box or manual pad/ledge/flat bar combo and replacing the perimeter bark with simple, low maintenance ground cover. The QR code is a missed opportunity to direct users to a YouTube channel/website with trick tutorials.

FURTHER INFORMATION

Eliston District Skate Park | Clyde, VIC Skateparks Australia - Skater Maps

Eliston review.MOV

CLYDE NORTH - MERIDIAN Paragon Drive, Clyde North VIC 3978

DESCRIPTION

A reasonably sized street stye skate park nestled into a quiet estate in Clyde North. Easily accessible by walking path with exercise equipment, a playground and covered barbeque area within the vicinity. The skate park includes a set of bumps, a pair of waves, a flat and curved ramp each with a deck and a couple of ledges. It also has a single "Manny" pad with three small kicker ramps and one side of steel coping.



Fig.1 – view of skate park from the west to east

STRENGTHS

- Incorporates obstacles which can be used for beginners learning and upskilled for advanced riders.
- Longer flow lines to complete multiple tricks in a single run.
- Clear sightlines created a safe environment at night with street lighting from the nearby housing providing passive surveillance.



Fig.2 – bark on the concrete surrounding the set of small bumps



Fig.3 – illegible conditions of entry sign

LIMITATIONS

- The conditions signage was unreadable, as the contrast of colour behind the blue laser cut metal sheet was not dark enough.
- The flow has some tight turns which make the park slightly clunky
- Bark from the nearby hammock area had been kicked on the skate area creating a hazard, also mentioned by users.
- No shade, water or bins available next to the skate park, approx. 100m away.

COMMENTS

- Install signage that is legible at the entries to the park.
- Blank space where the signage currently is can then be beautified either with a solid colour or some simple artwork.
- Plant alternative ground cover options so that the ground is covered and remains a permeable surface for drainage but does not affect the skate users as the bark is removed.
- Install a shade sail (see <u>Frankston</u>) to provide an area to store belongings and for recreational use when not skating.

FURTHER INFORMATION

SkaterMaps information - Clyde North Skatepark - Paragon Drive | Melbourne Skateparks

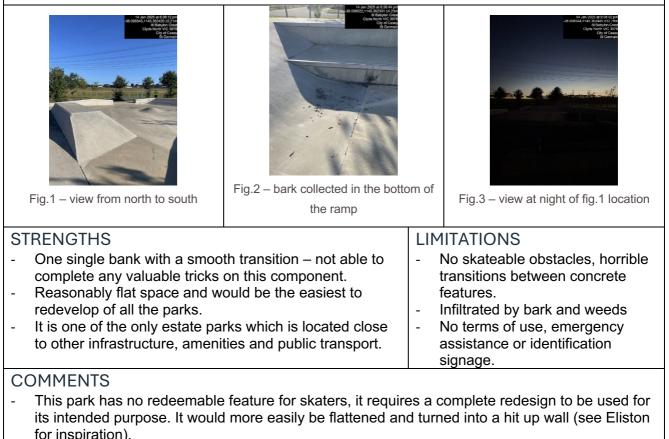
The Shed team review and demonstration- Meridian.MOV, Meridian tricks.MOV

CLYDE NORTH - ST GERMAIN 25 Bernadins Street, Clyde North, VIC 3978

DESCRIPTION

This underwhelming attempt at a skatepark was littered with bark, cracks in the concrete and hidden from street view, with no legitimate skating elements. Contains a ledge that I too high and bench that falls into a drain and a bump that has no real use. Situated next to a playground, basketball half-court and exercise equipment that opens into a powerline easement on the southern edge of the park.

"Worst skate park I've ever seen and I used to watch videos on YouTube of the worst skateparks in the world"- Jack from The Shed team



 It was isolated and the streetlights nearby did not provide enough low-level lighting for safety during the night.

FURTHER INFORMATION

The Shed team reviews - Clyde North - St Germain.MOV

SkaterMaps - Clyde North Skatepark - Bernardins Street | Melbourne Skateparks

Google review - https://maps.app.goo.gl/cCpvHxCX3Mw8mMrL8

CLYDE NORTH - SELANDRA RISE 81 Vantage Avenue, Clyde North, VIC 3978

DESCRIPTION

Compact size skatepark featuring banks, quarter, grind rails and boxes. The skatepark features basketball courts and spaces for youth to 'hang out' and is in proximity to both residential areas and shopping area.

Fig.1 Quarter with steep angle.	Fig.2 Lighting not turned on.
 STRENGTHS The design, with mounds to sit and trampoline encourages youth to hangout. Enjoyable surface to ride on with good height on the ledges. Creativity with the combined slanted banks. Easily accessible water taps, rubbish bins and shaded areas. Access to walking path and proximity to shopping centre promote passive surveillance 	 LIMITATIONS Limited obstacles, with main obstacle (quarter) being too steep of an angle that is difficult to ride on. See Fig.1 Has lights surrounding the park that did not turn on at night making it difficult for users to ride at night and giving an unsafe feel. See Fig.2 Limits use to street style users.
COMMENTS Despite the skateparks small size and limited obs time here and share space with different users i.e	

time here and share space with different users i.e. families and basketballers. Improvements can be made by activating the lighting that has already been installed and creating a curve to the quarter to improve usability.

FURTHER INFORMATION

Youth Park Skatepark | Skater Maps - Melbourne Skateparks

selandra int.MOV

CLYDE NORTH - CLYDE CREEK 37 Ashtead Street, Clyde, VIC 3978

DESCRIPTION

Compact skatepark in a residential area that incorporates both skate and street style elements into the design, featuring a concrete bowl, slappy curb, quarter pipes and euro gap. The skatepark is easily accessible by the walking path with exercise equipment, basketball ring and open space within the vicinity.



Fig.1 Curved ledge with garden bed full of tanbark



Fig. 2 Beatification done with flow

lines



Fig.3 Bowl placed very close to the grass and walking track.

STRENGTHS

- Space has been utilised well to include a combination of street and park style.
- Good bowl shape and transition.
- Quarter pipes on each end promote a good flow.
- Good coping on the equipment
- Great use of beatification with lime green flow lines to guide users and liven the space. See Fig. 2
- Nearby shade sail allows for users to keep belongings out of sun.
- Easily accessible water taps and bins.

LIMITATIONS

- Curved ledge with garden bed is more damage than good, with ledge being "ungrindable" due to its outwards angle, minimal run up and landing too close to the bowl. Additionally, the bark constantly being transferred to bowl. See Fig. 1
- Limited space between grass and bowl raises safety concerns. See Fig.3
- Proximity to homes prevents users from staying to late due to noise pollution.

COMMENTS

To improve the safety of the skatepark, it is recommended to include lines around the exterior of the bowl to prevent users and passerby's from falling in. It is also recommended to replace the tan bark on edges and garden ledge with alternative ground cover options such as myoporum or grass.

FURTHER INFORMATION

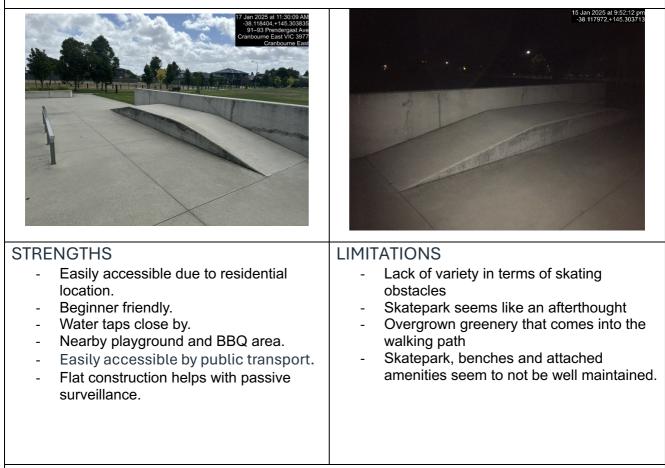
NEW Clyde Skatepark | Clyde, VIC Skateparks - Open Bowl & Street Park

clyde creek int.MOV

CRANBOURNE EAST SKATEPARK Macfarlan Way, Cranbourne East, VIC 3977

DESCRIPTION

Small skatepark with an A-Frame, grind rail and some additional ledges nearby. Attached to a BBQ area and playground in a residential area.



COMMENTS

Skatepark could be improved by adding half/quarter pipers to each end to give flow.

However, it is recommended for this skatepark to be converted to a basketball half court due to its unimpressive nature, limited use and cramped space.

FURTHER INFORMATION

The Shed Team Review - Cranbourne East review.MOV

SkaterMaps - https://skatermaps.com/cranbourne-east-skatepark-mcfarlan-way/

WHEELERS PARK - 701 Wheelers Park Dr, Cranbourne North VIC 3977	
DESCRIPTION Multipurpose park zone with skate area, exercise equipment, grassy field, playground, and basketball hoop. Circular ledge and ramps attract local youth.	
Fig. 1 Wheelers skate area featuring semi-circular ramps, semi-circular ledge, and unmaintained bark perimeter	Fig. 2 Skate area with semi-circular ramp without barrier, concrete ledge, and adjacent basketball hoop.
 STRENGTHS Active community park with diverse user groups. Large grassy field adjacent to skate area. Located near children's community centre with school crossings. Angled park shelter with water run-off design. Accessible public transport. High park utilisation. Skate area repurposed by children for bike games around the circular ledge. High parental presence in park. 	 LIMITATIONS Basketball hoop placement interferes with skaters. Circular ledge unusable for skating. Other skate ledges have been mistaken for seating. Inconsistent safety barriers on ramps which can cause safety issues. Ramp design creates entrapment zones as behind the semi-circular ramps there are gaps to hide in. Bark near skate area causes hazards as skaters can trip over them, and causes clean-up issues. Poor ramp transitions.

- Bark outside the skate area causes issues for skaters and is heavily unwanted by skate users as it causes a mess for them to clean up by uncaring users.
- Kids were seen playing 'Traffic Lights' where they rode around the circular ledge. Skate area did not promote actual skateboarding with the ramps and ledges, but younger youth made their own activity with the given resources.
- Children have made informal dirt paths to the skate area, which suggests additional designated walkways are needed to the skate area.

FURTHER INFORMATION

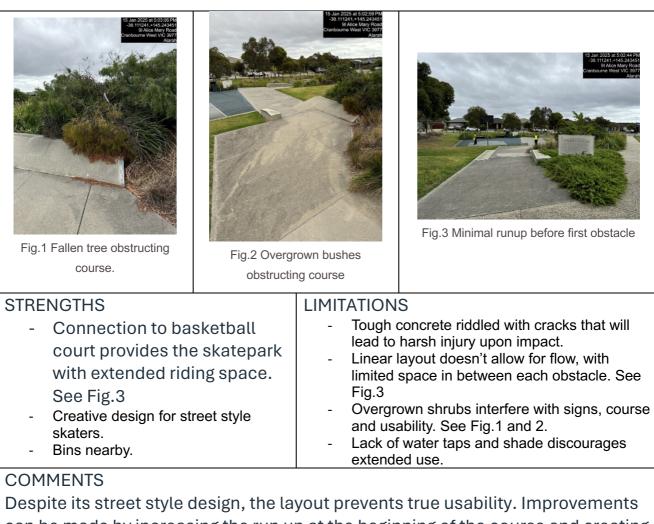
The Shed Team Review – wheelers park int.MOV

SkaterMaps - https://skatermaps.com/cranbourne-north-skatepark/

CRANBOURNE WEST - ALARAH Bursaria Lane, Cranbourne West, VIC, 3977

DESCRIPTION

Small street style skatepark located in the same estate as Ambrosia. Connected to a basketball court and accessed easily by a walking path. The course features two sets of steps with box and bank combinations with a variety of box obstacles throughout.



can be made by increasing the run up at the beginning of the course and creating a new path that enables the course to have a loop.

FURTHER INFORMATION

Cranbourne West Skatepark | Skater Maps - Melbourne Vic Skateparks

alarah int.MOV

CRANBOURNE WEST - AMBROSIA Baccus Road Reserve, Cranbourne West, VIC 3977

DESCRIPTION

This traditional compact park style skate park includes a central spine with two diagonal half pipes with two different heights as well as medium sized bump. This park is in an estate with a playground basketball half-court, sheltered barbeque area and a large central grassy area enclosed by a small concrete walking loop.







Fig.1 – south to north view

Fig.2 – view of the skate park from the street

Fig.3 – nighttime view of Fig.1

STRENGTHS

- The flow and transitions in the park were well regarded by the expert skate consultants.
- The children using the park when day audited were happy with the park and accessed it by bikes.
- There is a basketball half-court, playground and sheltered BBQ and seating area in the same reserve but not located too close as to discourage older users by having children take over "their" space

LIMITATIONS

- No street style skate section
- The surrounding facilities including signs and bins were repeatedly tagged by locals.
- The park was closed in by bushes and secluded from the street in three of four directions.
- The grass in the central area of the reserve was patchy and uneven; visually unappealing.

COMMENTS

- This park has potential to be opened both for skater benefit and to open the sightlines in park to increase safety through passive surveillance from the nearby houses.
- The bushes also regularly overgrow and encroach onto the skate facility discouraging users.
- By opening the park up, the streetlights nearby would provide enough lighting for safety but not encourage people to use the park at all hours of the night, it is currently too dark to be considered safe and not at all visible from the street.

FURTHER INFORMATION

Skater Maps - Ambrosia Estate Skatepark | Skater Maps | Cranbourne Skateparks

The Shed team review and tricks - Ambrosia tricks and interview.MOV

CRANBOURNE WEST - QUARTERS 75 AVONBURY COURT, CRANBOURNE WEST, VIC, 3977

DESCRIPTION

Street style skatepark featuring a small quarter, box next to a hump, grind pole, spike and a bank. Easily accessible by walking path and in proximity to the playground, BBQ, water taps and shade.



Fig.1 Spike obstacle

Fig.2 Layout of skatepark, identifying unusual layout and tall hubba on the right.

COMMENTS

The skateparks unique design and layout is ultimately its downfall. It's impracticality creates difficulty for riders and potential for injury. A perfect example of how lack of consultation with intended users creates friction in the community.

FURTHER INFORMATION

Quarters Skatepark, Cranbourne West | Skater Maps Skatepark Database

avonbury int.MOV

DOVETON SKATEPARK Frawley Road & Paperbark Street, Doveton, VIC 3177

DESCRIPTION

Small linear skatepark with two main ramps on either side and an A-Frame and smaller ramp in between. Park is near a drainage ditch and a main road, there is also a pump track and new playground a fair distance further down the dirt road in front of the skatepark.

75 Jan 2025 at 9:26:49 PM

to the series of	-37.995115.415.245384 2-20 Frankey RC Eumanneering VIC 3177 Dovelon
 STRENGTHS Easily accessible by public transport due to bus stops nearby. Relatively close to pump track and playground Close to a soccer field. 	 LIMITATIONS The A-Frame may be too advanced to be used often as an obstacle Almost pitch black at night and no passive surveillance from the street due to trees and bushes. Poor flow due to ramps at the end either end. Almost impossible to see the pump track and playground from the skatepark unless you are looking for them. Location is unfortunate as the banking directly next to the skatepark is littered with rubbish and signs of illegal activity.

COMMENTS

It is recommended for the trees between the skatepark and the street to be trimmed or even cut down to improve passive surveillance from the street. Additionally, some signage indicating the existence of the playground and pump track may increase use and consequently reduce antisocial behaviour in the vicinity.

FURTHER INFORMATION

The Shed Team Review - <u>doveton int.MOV</u>

SkaterMaps -<u>https://skatermaps.com/doveton-skatepark/</u>

ENDEAVOUR HILLS SKATEPARK 10 Raymond McMahon Boulevard, Endeavour Hills, VIC, 3802

DESCRIPTION

Advanced skatepark featuring bowls and street elements as well. Park is next to Endeavour Hills Shopping Centre, a public library and recreation centre. It also has a playground, BBQ area, smoking zone and sitting area attached to it.

14. Jan 2025 at 3.42.47 FM 10 Raymond MdMahan Bud Endeavour Hills VIC 3002	16-iban 2026 at 10:237 bit Chanvour Hits VIC 3002 Endavour Hits Endavour Hits
 STRENGTHS Good flow and variety of obstacles. Easily accessible due to central location and public transport access. Water taps close by. Adjacent utilities promote passive surveillance and encourages co-use from different members and age groups in the community. The lights from the carpark partly illuminate the skatepark at night. Beautification opportunity under the sculpture. The sculpture seems to be a meeting point for people to get together in the area while providing passive surveillance from an elevated platform into the skatepark. Good drainage in the bowls. 	 LIMITATIONS The lights in the skatepark do not seem to be working. No barrier near the entrance located close to the bowl which poses a safety hazard int he dark. Evidence of rough sleeping near the playground and recreation centre may deter parents and children from using that space. Slides are metal and get very hot under direct sunlight which is a safety concern even though there are warning signs on the slides. Lack of shade in greenery near the bowls.

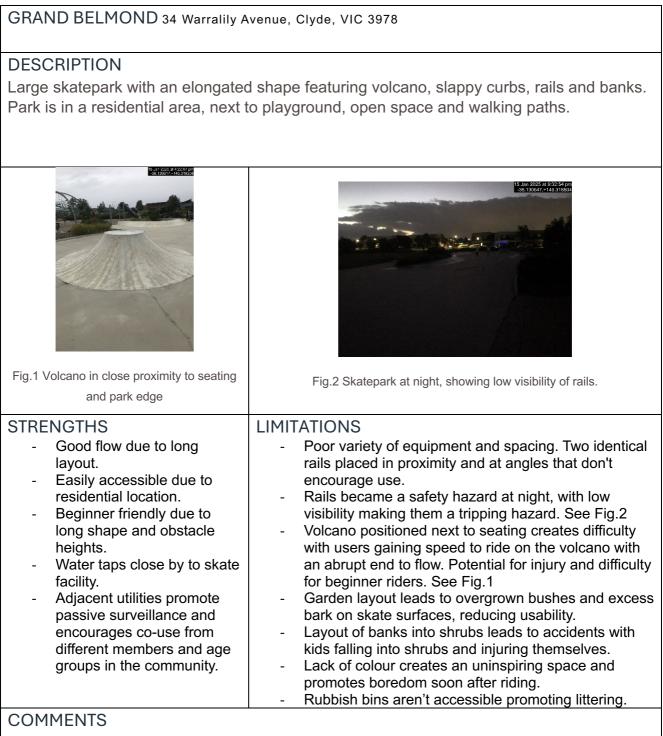
COMMENTS

It is recommended that the wall under the sculpture be beautified, the functionality of the lights be investigated, the slides be removed or replaced, and shade be added to the street facing side of the skatepark on the grass near the bowls.

FURTHER INFORMATION

The Shed Team Review - endeavour hills int. MOV

SkaterMaps - <u>https://skatermaps.com/new-endeavour-hills-skatepark/</u>



It is recommended to replace the rails with a ledge which can be utilised as a seat during quiet periods and reduces tripping hazard. Simple beautification can be done with painted flow lines to guide riders and reduce boredom.

FURTHER INFORMATION

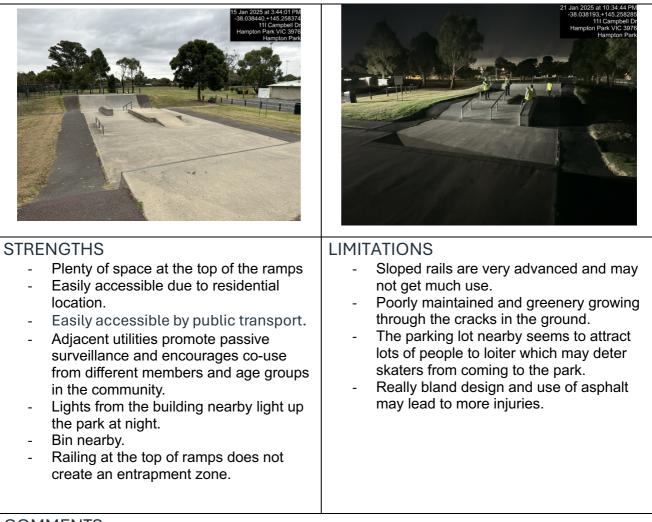
Clyde Skatepark - Warralilly Ave | Melbourne Skateparks - VIC

Grand Belmond interview.MOV

HAMPTON PARK SKATEPARK Cairns Road & Reeves Court, Hampton Park, Vic, 3976

DESCRIPTION

Small skatepark with featuring ramps at either end and a street style midsection with grind rails. Park is in a residential area, near schools, open space, a recreational hall and a football oval.



COMMENTS

It is recommended to replace the rails with a low ledge which can help intermediate, and beginner skaters learn to use a sloped surface, additionally changing the asphalt to a softer or smoother surface to reduce injuries would be beneficial.

FURTHER INFORMATION

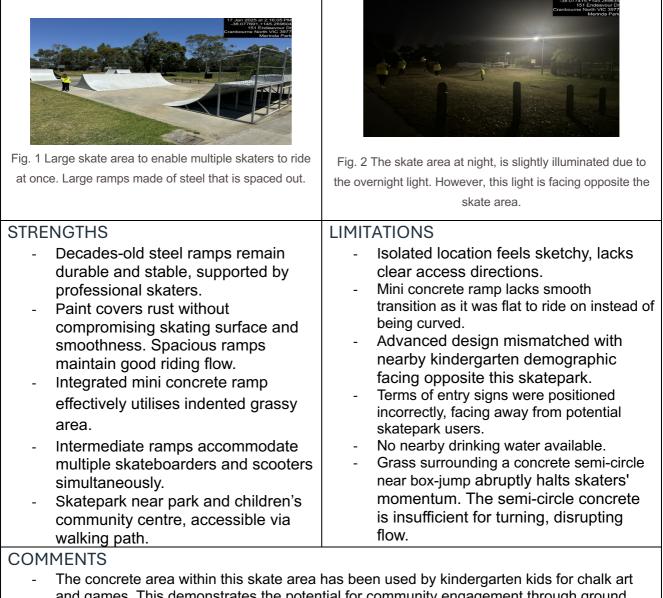
The Shed Team Review - <u>hampton int.MOV</u>

SkaterMaps - https://skatermaps.com/hampton-park-skatepark/

MERINDA - Endeavour Dr Cranbourne North, VIC, 3977

DESCRIPTION

Built in 2001, this secluded skate park features spacious, intermediate-level obstacles. Despite a connecting walkway, its tucked-away location and separation from the nearby playground create an isolated feel.



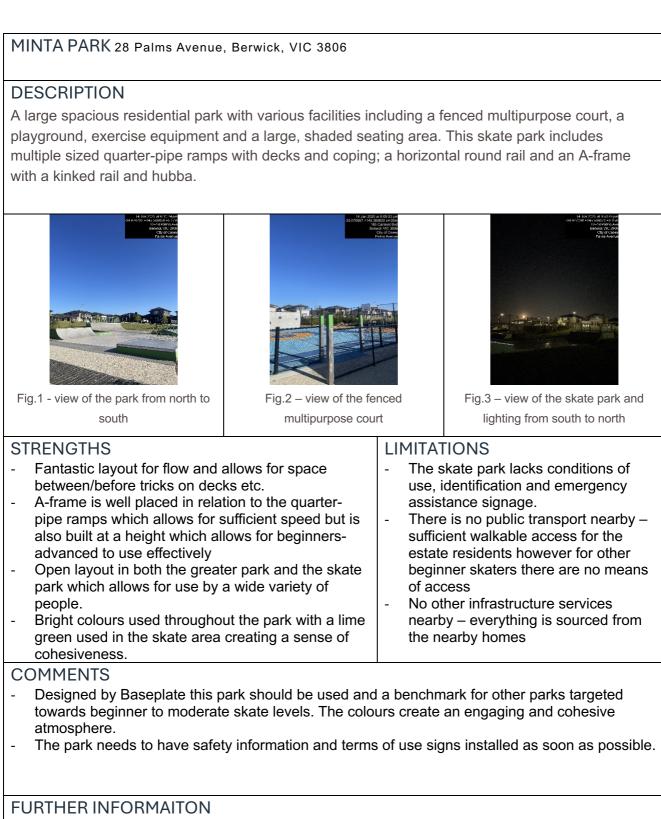
- The concrete area within this skate area has been used by kindergarten kids for chalk art and games. This demonstrates the potential for community engagement through ground artwork.
- Pro skaters enjoy the area despite ageing infrastructure. Ramps did not prevent the skaters from being able to execute tricks and ride continuously.

- Recommended to reposition terms of entry signs for better visibility to users.

FURTHER INFORMATION

The Shed Team Review – merinda skatepark.MOV

SkaterMaps - https://skatermaps.com/merinda-park-skatepark/



Skater Maps – Minta Estate Skatepark | Berwick, Victoria, Australia - Skater Maps

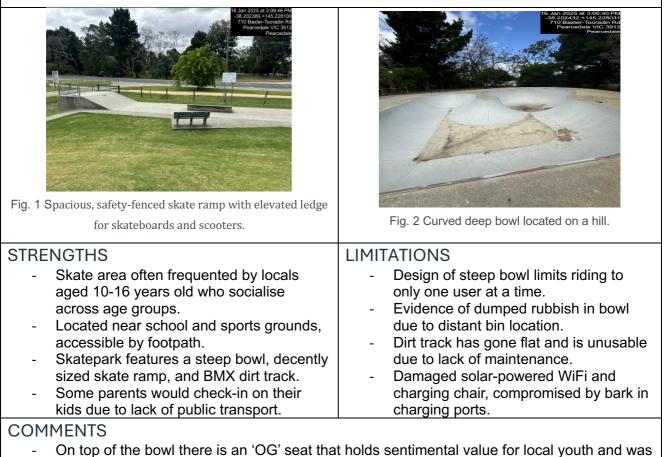
The Shed team review and demonstration - Minta interview.MOV

Baseplate designers - BASEPLATE - Minta

PEARCEDALE - 710 Baxter-Tooradin Road, Peard	cedale, VIC 3912
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DESCRIPTION

Secluded skate area with ramp, bowl, and BMX track, connected by pathway to local school and sports field.



- asked to not remove it if an upgrade occurs.
- Recommended to offer an easier bowl more suitable for users.
- The dirt over time has made riding the dirt track slippery, with limited flow.
- Users prefer replacing the dirt track with asphalt surface, like Overport Park Pump Track, Frankston - usable in wet conditions with lower maintenance requirements, although maintained dirt tracks are more suited for BMXs.
- Suggestions from users; installing some night lights. Add a bin near the bowl to prevent littering. Provide a drinking fountain and shade cover. Preserve artistic graffiti in the bowl except for offensive graffiti, as it makes riding and viewing the bowl look 'cool'.

FURTHER INFORMATION

The Shed Team Review – <u>Pearcedale review.MOV</u>

SkaterMaps - https://skatermaps.com/pearcedale-skatepark/

RAY BASTIN SKATEPARK 2-14 Norfolk Drive, Narre Warren, VIC, 3805

DESCRIPTION

Large skatepark with an several different skate features and differently shaped obstacles. Park is in a residential area on a main road, next to a large playground, open space featuring football goalposts, walking paths, BBQ area with shade, publicly available power points and public toilets.

14 Jan 2025 at 2:53:50 PM 38.033956,+145:306257 Narre Warren VIC 3006 Ray Basin	15 Jan 2025 at 10.14.07 pm
 STRENGTHS Good variety of obstacles in skatepark. Easily accessible due to residential location and public transport. Water taps close by. Power points in BBQ area. Large skatepark that allows for multiple users to utilise the space at once. Adjacent main road promotes passive surveillance and adjacent amenities encourages co-use from different members and age groups in the community. 	 LIMITATIONS No lights illuminating the skatepark at night. Not enough shade near the skatepark. Bathrooms are very far from the skatepark. No indication that there are power points near the BBQ area. Lights in BBQ area not on at night. A map or signage indicating the location of other amenities as the park is rather large.

COMMENTS

It is recommended for lights to be put in so that the skatepark is well lit at night which will also improve the passive surveillance of the space. LED strip lights or dim bollard lights would be recommended as this will add to the skating experience and also improve youth engagement with the space while not disturbing nearby residents. This would work especially well in this space as late night use of the space would not create any extra noise pollution due to the busy main road nearby.

FURTHER INFORMATION

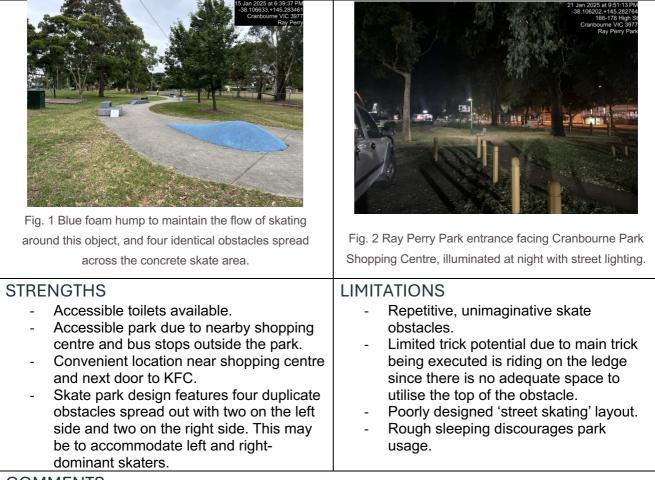
The Shed Team Review - ray bastin in.MOV

SkaterMaps - <u>https://skatermaps.com/narrewarren-skatepark/</u>

RAY PERRY PARK - 2 Brunt St, Cranbourne VIC 3977

DESCRIPTION

Attempted street skating area with four duplicate obstacles spread out. Features park utilities like park shelter, BBQ, and toilets, surrounded by trees, and is adjacent to Cranbourne Park Shopping Centre and KFC.



COMMENTS

- Skate area adjacent to playground is not easily identifiable as users of the playground never realised when asked.
- Evidence of rough sleeping, but kids use the playground despite this.
- Area perceived as unsafe at night due to rough sleepers.
- Source from Skater Maps states they hope the council will keep the subpar skate area over having no skatepark.

FURTHER INFORMATION

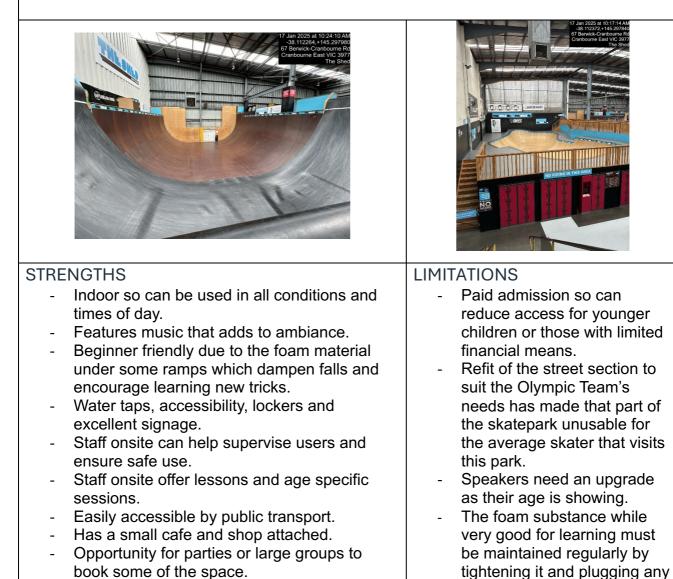
The Shed Team Review – <u>ray perry park.MOV</u>

SkaterMaps - https://skatermaps.com/cranbourne-ledges/

THE SHED SKATEPARK 65 Berwick-Cranbourne Road, Cranbourne East, VIC, 3977

DESCRIPTION

Large indoor skatepark with an several different obstacles from a beginner level to an Olympic level. The park is located near a library, several educational institutions and a sporting complex.



COMMENTS

It is recommended for the Olympic level street section to be refitted to suit the needs of more intermediate level skaters, the speakers to be upgraded and the maintenance budget of the foam material to be increased so that they can be more effectively maintained.

holes.

FURTHER INFORMATION

The Shed Team Review - shed int.MOV

SkaterMaps - https://skatermaps.com/the-shed-skatepark/

TOORADIN SKATE PARK 62 South Gippsland Highway, Tooradin, VIC, 3980

DESCRIPTION

Spacious skatepark near football ground and sports club, bordering a fenced petrol station, featuring quarter pipes, rails, and ledges.

Fig. 1 Skate area with rusted ramps and potential fence art	Fig. 2 Tooradin skate area illuminated by nearby gas station
opportunity.	lights, offering passive surveillance from truck traffic and
opportunity.	overnight customers.
STRENGTHS	LIMITATIONS
- Accessible public transport outside	- Neglected, rusted skate area with no
the entrance.	recent maintenance.
- Passive surveillance from sports	 Isolated from main sports club
activities and petrol station.	facilities.
- Indirect lighting from petrol station at	- Not listed on facility signage whereas
night.	other sport activities are.
- Non-residential location minimises	- Appears abandoned despite potential
noise concerns.	for passive surveillance.
 Appealing to pro skaters with 	
advanced trick potential.	
 Beginner and expert-friendly design 	
due to varied ramp heights and ledge	
configurations.	

COMMENTS

- Long fence offers potential for artwork to attract beautification.
- Well-positioned skatepark due to passive surveillance from users in the football and baseball area, and customers attending the petrol station.
- Skatepark can attract users from adjacent sports facilities due to the area's foot traffic on the sporting ground. The non-residential setting allows for night use without causing noise pollution.

FURTHER INFORMATION

The Shed Team Review – tooradin int.MOV

SkaterMaps - https://skatermaps.com/tooradin-skatepark/

Discussion

Skatepark designs

The design of the skatepark is integral to youth activation. If they are not designed with community and skateboarders, scooters, and BMXers in mind, they will not be used properly. Instead, tall ledges and outward-angled obstacles will become places to sit, and riders will have to commute to the next skatepark, a task that may not be feasible for younger riders. This is the issue that the City of Casey faces. Through audits and consultation with the community and The Shed team, it has been found that many of the skateparks do not meet user expectations and discourage use. Both Minta Park and Noble Park, designed by specialists ConVic and BasePlate, stand out in the community – with users at skateparks referring to Minta as an incredible park to ride at. Here, obstacles are placed correctly, allowing for legitimate run-up and roll-outs that promote flow, with obstacles at appropriate heights and lengths that create opportunities for beginner and advanced users to cohabitate the space, learn from each other, and build community. When developers and council utilise these resources, they ensure that the skateparks are activated for their intended purpose, encourage youth participation, and prevent injury. Increasing shade will help activate these spaces. In their current forms, shade is an amenity that is only seen when accompanying the playground. Prioritising shade to accompany skate parks will allow for use during rain, enable longer-term use during summer periods, and protect users from sun exposure. Frankston Skatepark utilises shade sails on the perimeter of the park that provide shade to a large portion of the park. The current landscaping is not compatible with the skateparks. The use of shrubs and tanbark on the perimeters is repeatedly a point of contention with users, signalling a need for change. Here we can look to Noble Park, which employs only grass within the skatepark.

Gender

After auditing the parks and consulting with The Shed team, a notable gender element was recognised in the groups using the parks for their intended purpose. At younger ages, there was a relatively even split of gender however, as children grew older, a dominance of boys in the skate parks emerged, with girls moving into a spectator role. This observation was confirmed by The Shed team, who reported even splits in their classes with younger children but noted that participation becomes male-dominated as they age.

It was also observed that girls were more likely to be roller skating or blading in the parks compared to boys and the younger girls would engage with the parks on bicycles as well. This insight suggests that park designs should include elements that are practical for roller skates as well as skateboards, scooters and BMXs. Alternatively, it indicates that skating as a sport may need to be marketed differently towards girls, emphasising its potential as a more social activity option.

These findings highlight the need for a multifaceted approach to address the gender imbalance in skate park usage. By considering both design elements and promotional strategies, Casey has the opportunity to create more inclusive spaces that encourage

continued participation from girls as they grow older. This approach aligns with the broader goal of providing engaging recreational spaces and increasing physical activity for all members of Casey's population.

Art and Community Engagement

Community engagement through art is a powerful tool for fostering connection, creativity, and ownership of public spaces. Based on the experiences of Dr. Adrian Doyle and other successful initiatives, there are several strategies for implementing art-based community engagement projects in Casey.

A comprehensive approach involves organising 4-6 week workshops targeting different age groups, particularly youth, to create public artworks. These workshops provide opportunities to teach artistic skills and techniques, engage participants in researching local history and environmental issues, and ultimately culminate in collaborative art projects for public display.

Following Doyle's innovative approach, the project can utilise clean lines and colourful patterned designs that simultaneously deter graffiti and facilitate easy maintenance. By employing durable materials like Dulux All Weather exterior paint and providing colour swatches to the council for future touch-ups, the initiative can ensure longevity and consistent aesthetic appeal. Critically, engaging local youth in planning and executing the design helps build community ownership and understanding.

The existing Casey Creations youth art competition presents an excellent opportunity for expansion. By adding a dedicated street art division and allowing competition finalists to collaborate on annual public art projects, the program can provide structured pathways for emerging artists and create meaningful community engagement.

Creating a series of artworks integrated with or adjacent to skate parks can transform these spaces into cultural landmarks. Inspired by international examples like Dubai Horse sculptures and Melbourne's mosaic seating, this approach can develop a 'collect-them-all' photo opportunity that encourages community exploration. Focusing on district-level parks accessible by public transport, particularly those near schools and shops, can maximise the initiative's impact.

Annual art festivals, modelled after successful examples like Benalla Rural City's event, can invite local and international artists to create works on designated walls donated by property owners. These festivals not only beautify public spaces but also create cultural experiences that draw community members together.

Graffiti Tolerance

Establishing designated legal graffiti sites, similar to those in the ACT, can provide emerging artists with safe spaces to develop their skills. By implementing clear rules on acceptable content and swiftly removing offensive material, these sites can maintain community support while promoting creative expression.

While pursuing these artistic initiatives, it is crucial to remain sensitive to potential

gentrification effects. Engaging with local artists and residents to address concerns and considering policies that support affordable housing can help mitigate negative economic impacts. By implementing these comprehensive strategies, Casey can create a vibrant arts and culture scene that engages the community, deters illegal graffiti, and promotes creative expression while remaining responsive to local needs and concerns.

Recommendations

Based on the findings above and consultations with The Shed Team, the student team will make several recommendations as listed below.

- Implementing a strategy regarding lighting and waste.
 - Having a council wide lighting strategy would help to standardise and better implement lighting across the skateparks while potentially having the added effect of creating a more concrete maintenance framework for the lights in question.
 - Having a youth space waste strategy which is more flexible than what is in place now may serve to reduce litter across all parks by prioritising youth encouraging them to utilise the bins provided.
- Implementing alternative ground covers instead of bark.
 - Replacing the bark that is featured at most skateparks with an alternative ground cover as the bark is blown onto the skatepark and surround area which has given rise to user complaints.
 - Some alterative ground covers could be Myoporum parvifolium, Carpobrotus "pigface", Westrungia fruticosa "coastal rosemary", Trachelospermum jasminoides "Star Jasmine", Pteronia incana.
- A higher frequency maintenance routine for perimeter bushes and trees with low hanging branches.
 - Increasing the frequency of the maintenance of surrounding bushes and senior trees with low hanging branches would serve to improve the usability of skateparks and add to the perception of them being owned and cared for.
- Low-level strip lighting to be implemented for safety, aesthetic purposes and youth engagement.
 - The implementation of low-level strip lighting at select skateparks that are near housing that already has noise pollution or light pollution at night could enhance the passive surveillance from the street and improve the perception of safety at the sites without over activating the spaces.
 - Many youth responses have specifically asked for this type of lighting as it is featured at a popular Prahran Skatepark and it is something that the users would like to see.
 - Additionally, it works towards beautifying the skateparks and activating them as places of meeting and socialisation.
- The introduction of a street art tourist trail which would link regional parks.
 - Taking the beautification of skateparks using street art one step further could be creating a themed or linked series of artworks that work to attract users and tourism to further activate the spaces and enhance community spirt by visually linking regional spaces as skating hubs.
- Taking the average user's skill level into consideration when implementing new skatepark obstacles or renovating old skate parks.

- This would mean using lower but longer grind rails and lowering the height of some equipment so that both beginners and experts can use the space.
- This would have the effect of allowing beginner skaters to train and progress to a more advanced level by giving them skill appropriate equipment to train with.
- Promoting Snap Send Solve at all skateparks.
 - Having a Snap Send Solve QR code as part of the disclaimer and terms of usage or at a different location at each site would help to improve the maintenance of the spaces due to user reporting while having the added benefit of giving the users a sense of ownership over the space.
- Consulting with the local community when building or renovating skateparks and other recreational spaces.
 - This would help give the local community a sense of ownership over the space while working to create a space that fulfils their needs which will reduce the number of inactive spaces in the community.
 - This also falls in line with the 2021 City of Casey Health and Wellbeing Strategy aim of building resilient, safe and connected places.
- Encouraging developers to use experienced specialist skatepark contractors.
 - Encouraging developers to utilise experienced specialist skatepark contractors such as Convic and BASEPLATE so that the skateparks are usable and the council does not need to renovate them upon inheriting them.
- Building more shade and water fountains into skateparks.
 - Shade would help activate the spaces on sunny days and provide youth with a place to socialise out of the heat.
 - Some youth responses also emphasised that more shade would give them a place to put their belongings which could include food and drinks while they are skating.
 - Additionally, having water and shade could help minimise the risk of heatstroke and create a safer environment for physical activity.

Further Resources

Skater Maps SharePoint Images of Day and Night Audits The writing on the wall: exploring the cultural value of graffiti and street art Legal graffiti practice walls - City Services Culture in a can: Canberra's legal graffiti walls - Our Canberra graffiti-management-policy.pdf **Graffiti Prevention Act 2007** Blender Studios and Adrian Doyle email- doylesart@hotmail.com 'Benalla Street Art Festival, 11 -13 April 2025' The Role of Graffiti as an Expression of Youth Identity | Commsphere: Jurnal Mahasiswa Ilmu Komunikasi Find legal graffiti walls around the world Policies and Regulations | Skate Australia Factors of Skatepark Design – Public Skatepark Development Guide Safety Grind Guidelines for Safer Skate Parks.pdf Skatepark Design & Standards (AS EN 14974-2021) 0 Issue 2022.08.25 V2.pdf Best-Practices-Skatepark-Design.pdf The History and Cultural Evolution of Graffiti | by Ani Eldritch | Counter Arts | Medium The world's street art community - Street Art Cities Wyndham Public Art Plan 2022-2032.pdf Graffiti or Street Art? Negotiating the Moral Geographies of the Creative City: Journal of Urban Affairs: Vol 34 . No 2 - Get Access Full article: Youth tactics of urban space appropriation: case study of skateboarding and graffiti Historic Graffiti as a Visual Medium for the Sustainable Development of the Underground **Built Heritage** About the Festival - Benalla Street Art Festival The privatisation of cities' public spaces is escalating. It is time to take a stand | Bradley L Garrett | The Guardian Is it art or is it a crime? These are the rules of street art in Australia's graffiti capital - ABC News Best-Practices-Skatepark-Design.pdf Factors of Skatepark Design – Public Skatepark Development Guide Skatepark elements - Ride My Park Garret, BL. (2015) 'The privatisation of cities' public spaces is escalating. It is time to take a stand' The Guardian (London). Soergel, AA. (2021) 'The writing on the wall: exploring the cultural value of graffiti and street

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