

**Cooks River Cycleway - Canterbury Rd Underpass upgrade
Detour Options
Submission by Bike South West Inc – Bicycle User Group
28 Sept 2020**
(created by Peter Teow in consultation with Warren and Sue Artlett)

The path is currently a very safe path used by walkers/joggers, cyclists of all ages including children, dog walkers, people with prams, wheelchairs, cyclists with trailers, tandem riders, trike riders, cargo bike users etc

Preliminary questions

- What is the Duration, Start / End dates : or are there any estimates?
- Also will the path users have access to the slip path up to Canterbury Road during this project (location 217-219 Canterbury Road) ?



Option 1: Temporary traffic lights from that point across Canterbury Road towards Metro Storage facility

This is dependent on the slip path up (location 217-219 Canterbury Road) to Canterbury Road being available during this project

From here the path user can opt to:-

- a) head across the river towards St Mary Mckillop Reserve & southern route of Cooks River (with the option to cross at Sutton Reserve - Sugar House Road)

or

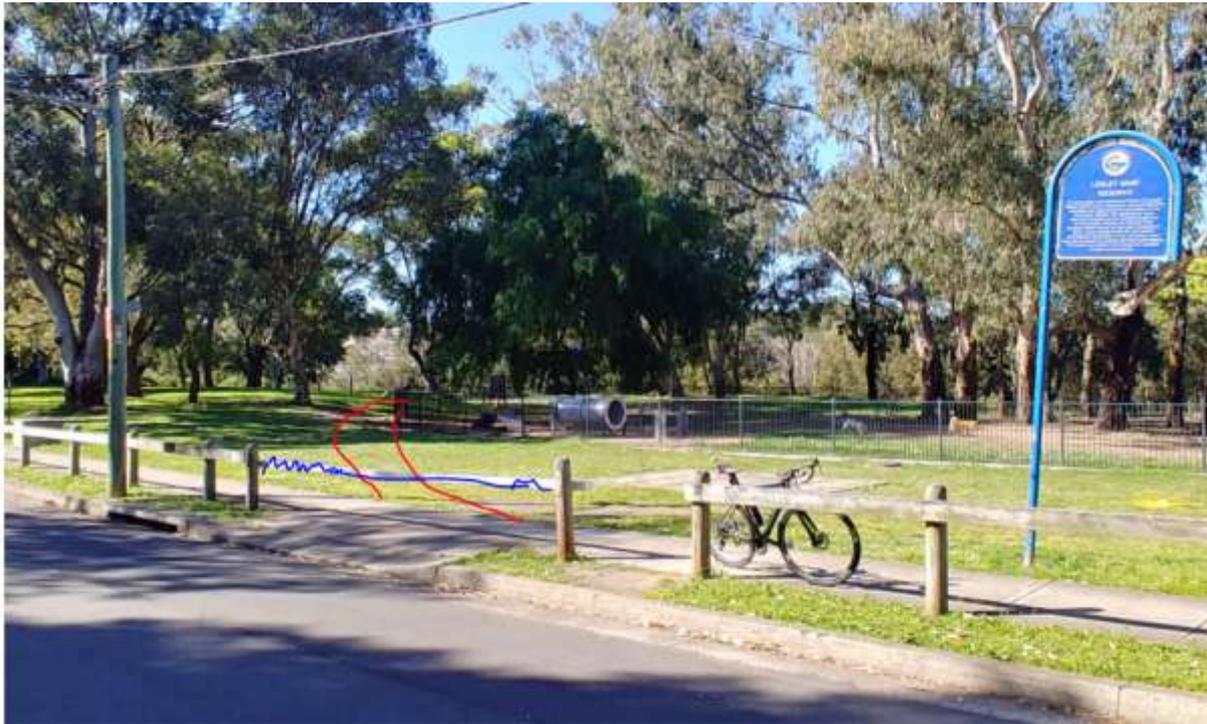
b) head to Close Street and have temporary "grass event flooring" built between Dog Park & Leslie Muir Reserve to the Cooks River Cycleway



"Event flooring" view from cycle path end :



View from Close Street. – is it possible to remove this barrier in blue as well



Advantages :

- Minimum changes in route / elevation
- Works equally well both directions (heading east or west)
- With the temporary traffic lights; path users can cross safely with no additional conflicts
- Option to go on both north & south routes of Cooks River cycleway/pathways

Possible conflicts :

- Getting approval for the temporary traffic lights
- The footpaths needs to be marked legal for cycling during this project
- A temporary ramp needs to be added to the west kerb side of the temporary lights and possibly the east/Metro Storage side
- (A driveway ramp entry is available slightly northward at Metro Storage site, however it may / may not be a private driveway)

Reference : https://www.google.com/maps/@-33.9131423,151.1176873,3a,75y,106.43h,62.3t/data=!3m6!1e1!3m4!1s51O_-lg00iIMD9XwXZKPg!2e0!7i16384!8i8192

- The footpath leading from Canterbury Rd to southern side of Close Street is narrow and seems to have numerous poles and slopes that would be challenging to some users (see photos on next page)

Reference: https://www.google.com/maps/@-33.9127762,151.1182392,3a,75y,169.07h,67.23t/data=!3m6!1e1!3m4!1siEN3IYRv_fxHuW_CJfFr-g!2e0!7i16384!8i8192



Pictures taken 23/Sep

Option 2 : Detour to Fore Street traffic lights

This is dependent on the slip path up (location 217-219 Canterbury Road) to Canterbury Road being available during this project

This requires the path users to use the western footpath on Canterbury Rd to the Fore Street traffic lights & loop back towards St Mary Mckillop Reserve



Positives :

- Works equally heading in both directions
- Flat

Negatives :

- Adds ~ 400m of travel compared to original route
- Crossing Berna Street, which is uncontrolled, can be unsafe especially for children as there are drivers that use it as a rat-run to skip the Fore Street traffic lights, typically at speed, to get to Earlwood.
- Footpath needs to be marked to allow adults to legally ride on it
- The south/east footpath passes a bus stop (just after Berna St) and isn't very wide

Option 3 : Using Charles Street, and getting a temporary traffic light junction to cut across Canterbury Road to Close Street (see option 1 above)

<https://goo.gl/maps/RNbcntTPG1VaMfjeA>

A temporary traffic light junction needs to be put in place at Charles Street/ Canterbury Rd and Close Street, ie ideally large enough to cross directly from Charles St to Close St

Negatives/concerns/conflicts :

- Charles Street footpath can be busy as there are numerous apartment and car entry/exits
- Footpath needs to be marked to allow adults to legally ride on it
- Getting approval for the temporary traffic lights
- If the proposed traffic junction isn't large enough, a ramp will need to be added for the kerb on the eastern side; also in which case see the point in Option 1 above : "The footpath leading from Canterbury Rd to southern side of Close Street is narrow and seems to have numerous poles and slopes that would be challenging to some users"

Option 4 variants: crossing the footbridge at Charles Street to the Aquatic Centre, using one of the below options to get to Canterbury Road, crossing at Fore Street to St Mary Mckillop Reserve

Common Positives :

- Works equally in both directions
- Flat

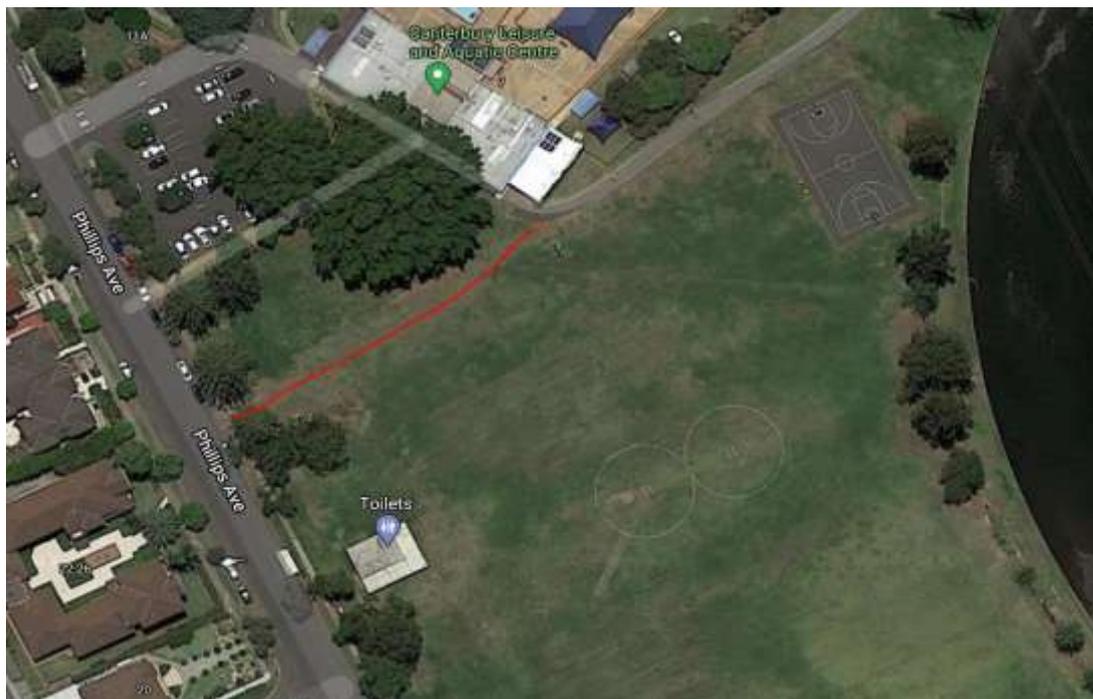
Common Negatives/concerns :

- Crossing Berna Street , which is uncontrolled, can be unsafe especially for children as there are drivers heading southward on Canterbury Road that use it as a rat-run to skip the Fore Street traffic lights, typically at speed, to get to Earlwood.
- Footpath needs to be marked to allow adults to legally ride on it
- The south/east footpath passes a bus stop (just after Berna St) and isn't very wide
- Suggestion to remove the pinch point barrier to the footbridge?

Option 4a : crossing the footbridge at Charles Street to the Aquatic Centre, go along Phillips Ave to the end of the cul-de-sac and Canterbury Road, crossing at Fore Street to St Mary Mckillop Reserve

Cyclists would have to use the road on Phillips Ave so pedestrians could safely use the footpath in both directions

Google map route: <https://goo.gl/maps/NxFQ4uBNWbvFgLcg7>



Positives :

- Works equally in both directions

Negatives/concerns :

- Adds ~ 500m of travel compared to original route
- Crossing Berna Street, which is uncontrolled, can be unsafe especially for children as there are drivers heading southward on Canterbury Road that use it as a rat-run to skip the Fore Street traffic lights, typically at speed, to get to Earlwood.
- Footpath needs to be marked to allow adults to legally ride on it

- The south/east footpath passes a bus stop (just after Berna St) and isn't very wide
- Extra signage should be put at the Aquatic Centre entry to warn of increased traffic ;
- OR - "grass event flooring" to cut across the park to eliminate the Aquatic Centre entry conflict

Option 4b : crossing the footbridge at Charles Street and have temporary event flooring created along the southern bank of Cooks River (along existing 'football fence') from the footbridge to end of Clunes Ln, navigate Clunes Ln to cul-de-sac of Phillips Ave and Canterbury Road, crossing at Fore Street to St Mary Mckillop Reserve

This gives the added benefit of the serenity of not having to walk/cycle along 300m of Phillips Ave



Picture showing suggested path/ grass event flooring location leading to the 'football fence'



Option 4c : crossing the footbridge at Charles Street and have temporary event flooring created along the southern bank of Cooks River from the footbridge (along existing 'football fence') all the way to the dirt path between Mytilenian House and the River to Canterbury Road, then crossing at Fore Street to St Mary Mckillop Reserve



Reference: <https://www.google.com/maps/@-33.9134232,151.1169533,3a,84.4y,327.18h,93.81t/data=!3m6!1e1!3m4!1sZdNtNOspiZmETRcShXBWKQ!2e0!7i16384!8i8192>

This dirt path seems well used and could be permanently concreted.



Option 5 Taking Cooks River Cycleway to Broughton St; crossing at the Broughton St/Canterbury Rd lights

For all Option 5's

Negatives/concerns

- The curve at the Broughton Street also has poor line of sight and drivers have been known to take it at speed
- In addition, the Cooks River Cycleway to Broughton Street either means taking the road, or trying to get to the southside footpath where there is no immediate slope

reference https://www.google.com/maps/@-33.9091357,151.1161365,3a,75y,134.24h,77.89t/data=!3m7!1e1!3m5!1sbkn52ylAKtnFJ_hH5Kky7g!2e0!6s%2F%2Fgeo0.ggpht.com%2Fcbk%3Fpanoid%3Dbkn52ylAKtnFJ_hH5Kky7g%26output%3Dthumbnail%26cb_client%3Dmaps_sv.tactile.gps%26thumb%3D2%26w%3D203%26h%3D100%26yaw%3D10.141262%26pitch%3D0%26thumbfov%3D100!7i16384!8i8192

- until the apartment blocks (there is no footpath on the north side of Broughton St next to the race course)

reference <https://www.google.com/maps/@-33.9093509,151.1166957,3a,75y,232.58h,77.91t/data=!3m6!1e1!3m4!1soxOpSLldj1BvM-3sBLSMkw!2e0!7i16384!8i8192>

- Broughton St is also rather busy during peak hours

5a / either taking the Canterbury Rd or the footpath to Close Street option

- Dangerous for bikes turning right onto Canterbury Rd to go to Close St on road
- have temporary "grass event flooring" built between Dog Park & Leslie Muir Reserve to the Cook River Cycleway (see Option 1 photos)

5b / or going up Tincombe Street to either Church street to the Cooks River Cycleway and bridge down to Sugar House Rd to the Cooks River Cycleway

- Note : Tincombe Street is a One Way street - this should be recommended as "exempt for bicycles"
- There's also extra elevation gain

5c / or going up Tincombe Street and continue on to Canberra St / Melford St/ Hurlstone Ave / Foord Ave

- Note : Tincombe Street is a One Way street - this should be recommended as "exempt for bicycles"
- There's also extra elevation gain
- Option 5c might be good option for road cyclists / commuters who value time over stress free riding

- Option 5c where Canberra St turns right to Melford St can be a bit of blind crest for younger riders



Our preferred options:

For cyclists and pedestrians:

1. Option 1
2. Option 2
3. Option 4c
4. Option 4b
5. Option 4a

Alternative detours for experienced cyclists (these could be a different style and colour on your map)

- Option 5a
- Option 5b
- Option 5c
- Option 3