



Unley Bicycle User Group
City of Unley, South Australia

Bicycle Crossing Improvement at Marino Rocks / Leader Street Intersection

Please accept this submission from the committee and members of the Unley BUG. This submission is prepared by the Unley BUG Committee on behalf of our 325+ current members to ensure the interests of people who cycle, walk and use mobility aids in, to and through our City are met in the above stated project. The concerns raised by our members are outlined here for your consideration.

Proposal

Please investigate improving the safety of cyclists crossing the Marino Rocks Greenway / Leader St Intersection.

Situation

The increasing number of cyclists using the Marino Rocks Greenway/Leader St intersection makes it imperative to conduct a safety review. The current traffic flow and infrastructure do not offer a secure passage for cyclists and pedestrians to cross the intersection.

According to the recent Super Tuesday Bicycle Count, the number of riders using the Marino Rocks/Leader St intersection has doubled from 153 in 2022 to 306 in 2023. We have noticed a substantial number of **cyclists crossing the intersection in the opposite direction to traffic** as shown in Figure 1 below.

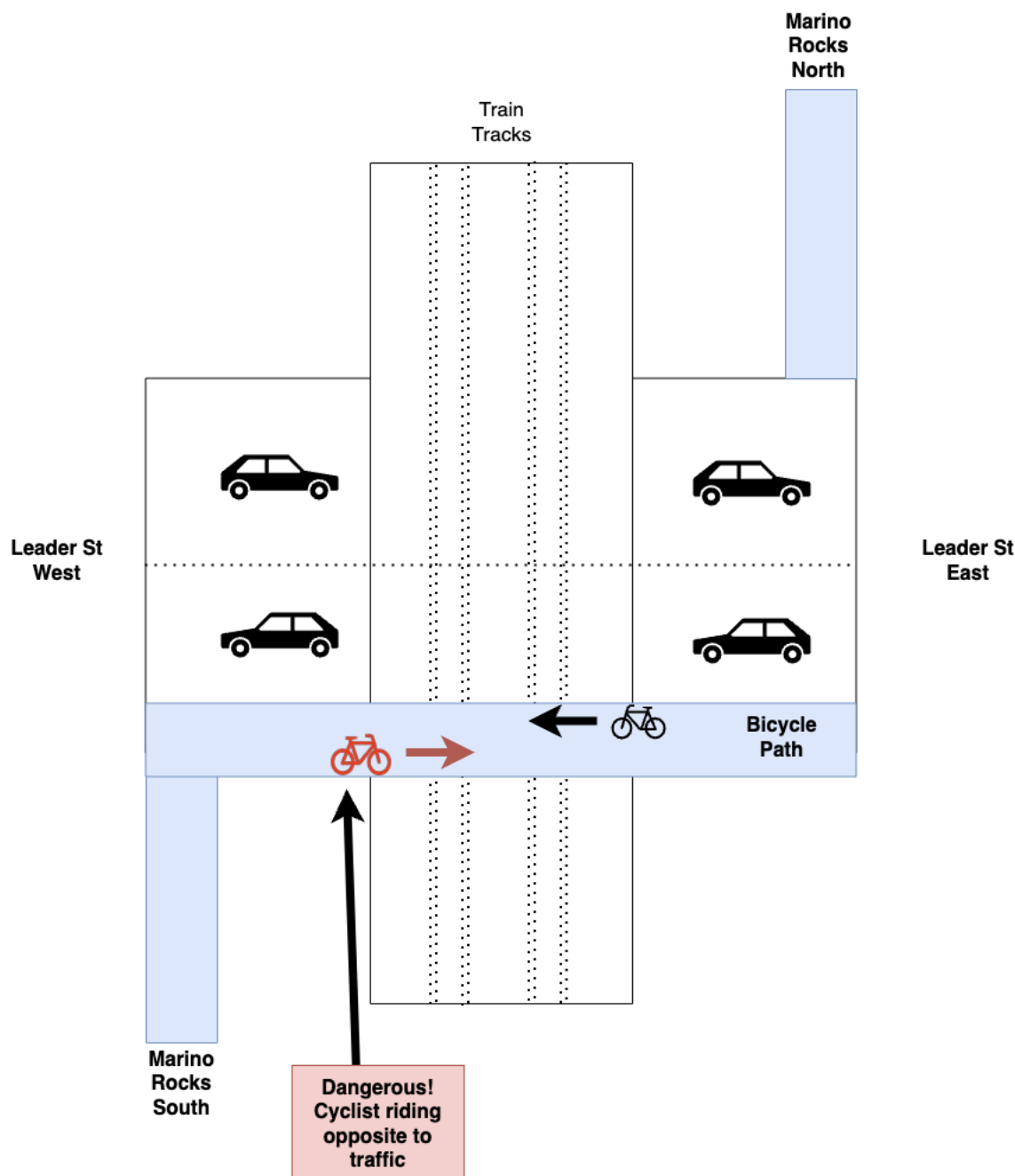


Figure 1: Current Situation at Leader St/Marino Rocks Greenway intersection.

Since there is no obvious way to follow the Marino Rocks Greenway when travelling North across this intersection, many cyclists choose to ride against oncoming traffic to cross the train line, instead of waiting for a break in the Leader St traffic. They then cross the intersection from the **Leader St East** side from Richards Tce to get back onto the greenway.



Note that in the 2023 Super Tuesday count, we noted 63 cyclists navigating from Marino Rocks South to Marino Rocks North at the intersection.

Problems

There are two issues with the current intersection arrangement that need to be addressed.

- **Safety:** The current setup poses safety concerns as it encourages cyclists to ride against other traffic and cyclist traffic, which increases the likelihood and severity of accidents. The lack of clear marking also leads to cyclists replicating poor decisions made by other cyclists, which compounds the effect.
- **Confusing:** The road markers do not indicate a designated route for cyclists to cross from the south to the north, resulting in confusion. Cyclists travelling in the opposite direction in the bike lane is puzzling for both motorists and cyclists, further adding to the confusion.

Proposal

Firstly, we have observed that some of the road marking indicating a left-turn bikelane has been removed due to a road repair at some point. As a minimum, we request the council to reinstate this road marking.

Secondly, we suggest taking advantage of this road marking update to enhance safety and reduce confusion for cyclists at this intersection. To achieve this, we recommend the following potential solutions:

- Adding line marking to clearly indicate the bike path route for crossing Leader St.
- Incorporating a 'staging area' line marking on the north side of Nairne Tce to make it evident to cyclists waiting to cross that there is two-way bike traffic.
 - Expect this would be the standard green bikeway treatment as a minimum.
- Including line marking to display the correct north-bound route across Leader St for the Marino Rocks greenway.

This would be a great opportunity to explore adding a traffic light active transport crossing across Leader St, in addition to the rail crossing. This would:

- Further support the safe use of the Marino Rocks greenway by cyclists and pedestrians
- Improve safety for Sunday Farmers Market users, including trolley users and cargo bikes which currently don't have a signalled crossing.



- Prepare for future population growth in the area as the Le Cornu development continues.

However, we understand that this could be a significant undertaking. Therefore, Unley BUG supports short-term improvements to enhance road safety over long-term projects.

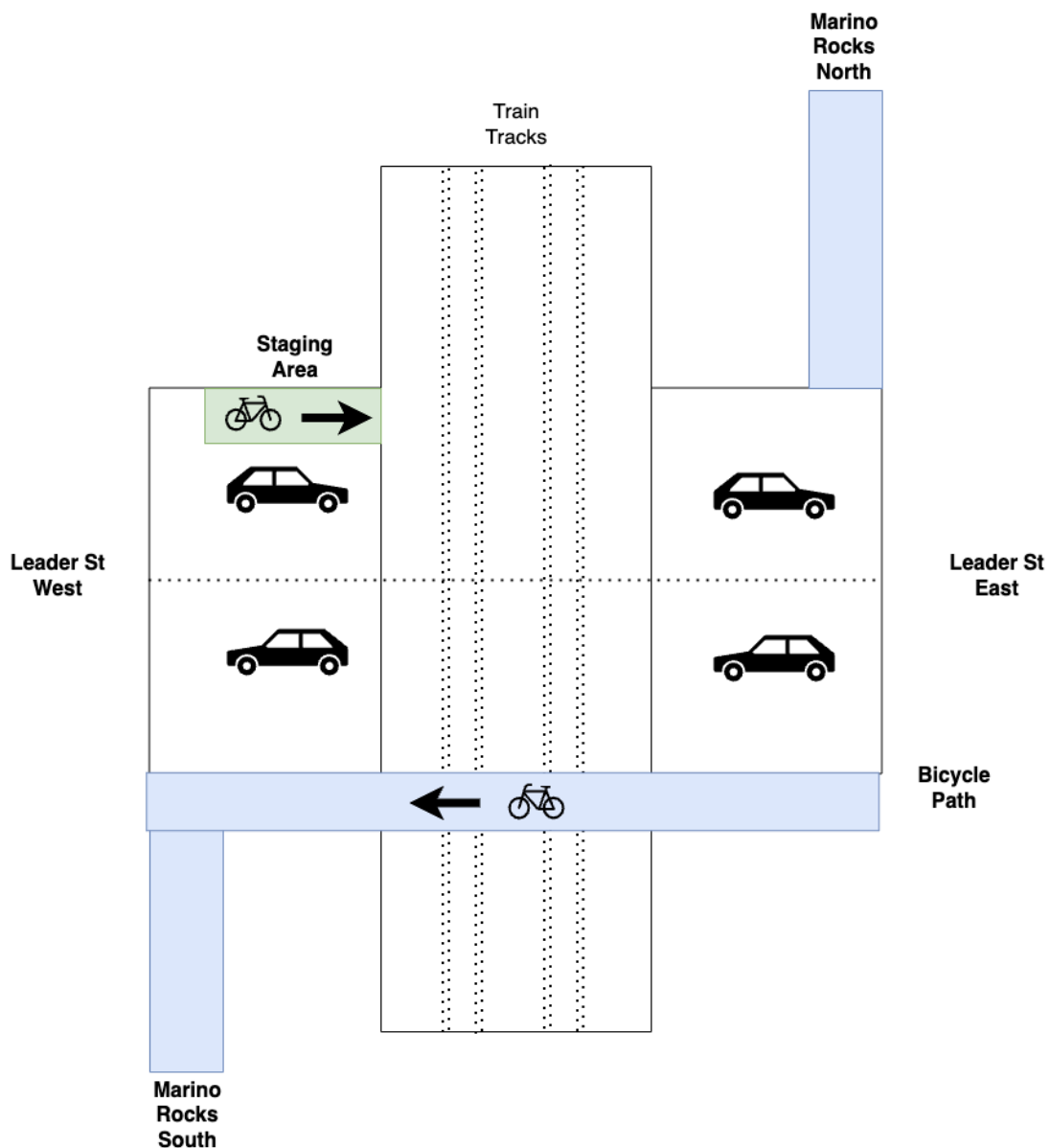


Figure 2: Proposed Situation at Leader St/Marino Rocks Greenway intersection.

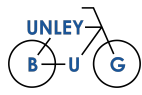


Figure 3: Looking West on Leader St



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We trust you will give these comments due consideration in recognition of the increased popularity and safety issues of the Marino Rocks/Leader St intersection.

Regards,

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