# ABSTRACT SUBMISSION FORM

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| Paper details |  | | | |
| **Paper title**  **(limited to 6 words)** | The Quarryman's Trail Cycleway Story | | | |
| **Overview of presentation** (300-word maximum)  The Quarryman’s Trail Major Cycle Route (MCR) is a cycleway currently under construction in Christchurch. Once completed, the Quarryman’s Trail MCR will provide a connection from the Central City south-west to Halswell via Addington and Somerfield.  The route and facility type initially identified for the middle section of Quarryman’s Trail would have required the removal of all on-street parking, unless a significantly compromised and expensive solution was adopted. The route would have turned at a major signalised intersection, which would have resulted in a potentially confusing movement for cyclists, and a significant loss of capacity through the intersection if a protected cyclist phase was to be provided.  While the initial facility type was the appropriate treatment for the road environment under the Christchurch Cycle Design Guidelines – Design Principles Best Practice Guide (2016) (DPBPG), it was identified that an alternative was needed to minimise the impacts of the cycleway on the local community and road network, whilst maintaining high levels of safety and service for cyclists.  An alternative route was identified, which saw the proposed cycleway moved from an arterial road to a low-volume, local road as a ‘neighbourhood greenway’ shared street. This gave the opportunity for an easy connection onto a two-way separated cycleway for the remainder of the route, allowing parking to be retained on the side of the road opposite the cycleway. The key concern with the two-way cycleway option was that the traffic volumes along the route, at 15,000 vehicles per day (vpd), were significantly higher than the DPBPG guideline of 5,000 vpd.  This paper details how the project team assessed the relative safety of the different facility types and produced a design that maintained a high level of safety for cyclists, whilst minimising the impacts on the adjacent community. | | | | |