

Pedestrian Crossing Study: McMillans Road, Northlakes




The planning study to investigate options for safe pedestrian crossing across McMillans Road for local residents accessing Northlakes Shopping Centre has been finalised. Local engineering consultant AECOM led the investigation which included:

- consultation with the local community and key stakeholders
- a review of current pedestrian and traffic movement
- engineering considerations, and
- a road safety audit.

The community provided feedback to the project team through an on-site pedestrian survey, an online survey, written submissions and through face-to-face meetings with the project team.

Options considered

The following three options were assessed to improve the safety of pedestrians and cyclists crossing the desired crossing point:

Option	Assessment outcome	Recommendation
 <p>Un-signalised crossing (Pedestrian refuge in median with dips in kerb for easy access).</p>	<p>Whilst this option was preferred by the majority of the stakeholders it is not considered a safe option for the pedestrians as it does not meet the design requirements, provides a false sense of safety for pedestrians to cross at the refuge and there is a potential that it does not offer an enticement for pedestrian to use it.</p>	<p>This option is not considered further.</p>
 <p>One-staged signalised pedestrian crossing (a straight line from one side of road to other)</p>	<p>Whilst this option is safe, it will result in greater disruption to inbound/outbound traffic and will require longer phase time and possible delays due to the longer crossing distance.</p>	<p>This option is not considered further.</p>
 <p>Two-staged signalised pedestrian crossing (cross inbound/outbound carriageways at a time as per below image)</p>	<p>This is the safest option for pedestrians as it reduces the risk of collision compared to an uncontrolled pedestrian crossing, reduces impact on inbound/outbound traffic as compared to one-stage crossing, provides shorter distance for pedestrian to walk between stages and reduces the risk of pedestrian trying to beat the signals to cross the road in one-time.</p>	<p>This is the recommended treatment.</p>

