# St Margaret’s Road/McKee Avenue Roundabout Pedestrian Improvement Scheme.

# Text Description of Design Drawing.

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## **Introduction.**

The proposed scheme aims to enhance pedestrian safety and accessibility at the St Margaret’s/McKee Avenue Roundabout. This will be achieved by installing new signalised pedestrian crossings on the southwestern arm (St Margaret’s Road) and the southeastern arm (McKee Avenue) of the roundabout.

The St. Margaret's/McKee Avenue Roundabout has three arms. It connects St. Margaret's Road, which comes from the north and southwest, to McKee Avenue, which comes from the southeast. A Lidl supermarket is located on the western side of the roundabout, with carpark access that leads directly to the roundabout between the two St Margaret’s Road arms.

The McKee Avenue approach to the roundabout consists of residential areas, while the St Margaret’s Road approach is commercial. Bus routes 40, 40B, 140 and N6 pass through the roundabout.

The project design is presented in one drawing.

All references to “The Project” or “The Scheme” in this document describe the St Margaret’s Road/McKee Avenue Roundabout Pedestrian Improvement Scheme only.

All distances and measurements quoted throughout the document are approximate.

## **2 Description of Drawing**

This is a plan drawing showing the proposed changes to the St Margaret’s/McKee Avenue Roundabout.

The proposal will install new signalised pedestrian crossings on the southwestern arm (St Margaret’s Road) and southeastern arm (McKee Avenue) of the roundabout.

The St. Margaret's/McKee Avenue Roundabout has three arms. It connects St. Margaret's Road, which comes from the north and southwest, to McKee Avenue, which comes from the southeast. A Lidl supermarket is located on the western side of the roundabout, with carpark access that leads directly to the roundabout between the two St Margaret’s Road arms.

On the St Margaret’s Road arm, a 2.4-metre wide signalised pedestrian crossing will be installed with associated tactile paving. The existing traffic island will be replaced with a new island to accommodate the new traffic signal poles. The width of the road at this location is approximately 9.1 metres. This is made up of a 4.2-metre wide northbound traffic lane entering the roundabout on St Margarets Road arm, a 1.2-metre wide pedestrian refuge and a 3.7-metre wide southbound traffic lane leaving the roundabout. The pedestrian crossing is shown as a single continuous crossing at road level. The footpath width at the pedestrian crossing on the western side of St Margaret’s Road will be approximately 3.4 metres. The footpath width at the pedestrian crossing on the eastern side of St Margaret’s Road will be approximately 3.0 metres.

The existing footpath level will remain higher than the finished road surface by a minimum of 50 millimetres. The proposed traffic islands will be raised 125 millimetres above road level. The traffic islands will slope down to road level at the two pedestrian crossings.

On the McKee Avenue arm, a 2.4-metre wide signalised pedestrian crossing will be installed with associated tactile paving. The width of the road at this location is approximately 9.1 metres. This is made up of a 3.7-metre northbound traffic lane entering the roundabout on the McKee Avenue arm, a 1.5-metre wide pedestrian refuge and a 3.9-metre wide southbound traffic lane leaving the roundabout. The pedestrian crossing is shown as a single continuous crossing at road level. The footpath width at the pedestrian crossing on the western side of McKee Avenue will be approximately 3.0 metres. The footpath width at the pedestrian crossing on the eastern side of the McKee Avenue will be approximately 3.3 metres.

The existing footpath level will remain higher than the finished road surface by a minimum of 50 millimetres. The proposed traffic islands will be raised 125 millimetres above road level. The traffic islands will slope down to road level at the two pedestrian crossings.

There is a proposed new traffic signal controller cabinet and electrical mini pillar located at the back of the footpath on the east side of the roundabout that links McKee Avenue to St Margarets Road. The footpath width at this location is approximately 2.4 metres.