

Designer's Response to Road Safety Audit Stage 1**Scheme Title: Northwest Sittingbourne – Grovehurst Road site access****RSA1 reference : TMS 15508 (13th February 2020)****24-02-2020**

Item No.	Safety Audit Problems/Recommendations	Designer's Response	Scheme Promoter's Decision and Proposed Action
2.1	<p>Location : Proposed toucan crossing on Grovehurst Road</p> <p>The toucan crossing will be located quite far from the desire line for pedestrians and cyclists travelling in the east-west direction between the site access roads. These users may not divert to the toucan crossing to the north and instead attempt to cross at random locations closer to the roundabout. This could increase their risk of being struck by vehicles and they could also trip and fall whilst traversing full height kerbs.</p> <p>Recommendation</p> <p>The toucan crossing should be positioned closer to the roundabout.</p>	<p>Comment acknowledged.</p> <p>During detailed design the location of the toucan crossing will be agreed with the highway authority.</p>	<p>Liaise with highway authority during detailed design.</p>
2.2	<p>Location : Proposed toucan crossing on Grovehurst Road</p> <p>The road markings shown that a central hatching strip will be provided either side of the crossing area at the toucan. Pedestrians and cyclists may wait in this central area (if they attempt to cross during the red man phase) where they could be at risk of being struck by passing vehicles.</p> <p>Recommendation</p> <p>The road markings should be adjusted to remove the requirement for a central hatching strip in this area (single warning lines only should be provided on the approaches to the toucan crossing).</p>	<p>Comment acknowledged.</p> <p>During detailed design the road markings will be adjusted and agreed with the highway authority.</p>	<p>Adjust road markings as appropriate.</p>
2.3	<p>Location : Footways on southern side of development access roads</p> <p>The footways along the southern sides of the development access roads are designed as footways only and so do not cater for cyclists who may want to connect to Grovehurst Road to the south of the roundabout. Cyclists could conflict with pedestrians if they use the southern footways or they could be at risk of being struck by vehicles if they travel within the circulatory carriageway of the</p>	<p>Comment acknowledged.</p> <p>During detailed design the southern footway will be adjusted to allow for shared cycle / pedestrian use as space permits.</p>	<p>Adjust southern footways as appropriate.</p>

	<p>roundabout.</p> <p>Recommendation</p> <p>The southern footways should be designed as shared use footway/cycleways to provide a connection for cyclists wanting to access Grovehurst Road to the south of the roundabout.</p>		
2.4	<p>Location : Grovehurst Road approaches to roundabout</p> <p>The existing road surface is in a poor state of repair and it is unlikely to offer suitable skidding resistance for vehicles approaching the new roundabout and toucan crossing. This could result in loss of control, shunt, and overshoot type collisions.</p> <p>Recommendation</p> <p>The carriageway should be resurfaced for a suitable distance (using a high PSV chip) on the approaches to the roundabout and toucan crossing.</p>	<p>Comment acknowledged.</p> <p>During detailed design the approaches to the roundabout will have appropriate surfacing included to offer skidding resistance.</p>	<p>Include appropriate surfacing at detailed design.</p>
2.5	<p>General : Inspection covers in carriageway</p> <p>It is not known if any inspection covers that are currently in the verge will coincide with the circulatory carriageway or the approaches to the roundabout. Ironwork at such locations can present a skid and loss of control hazard for vehicles negotiating the roundabout in wet weather, especially for two-wheeled vehicles.</p> <p>Recommendation</p> <p>Any inspection covers that could coincide with the carriageway of the roundabout should be identified at an early stage and relocated as necessary.</p>	<p>Comment acknowledged.</p> <p>The location of inspection covers to be considered in detail at detailed design stage.</p>	<p>Review at detailed design stage</p>