

Air Quality and Noise Assessments initial assessment

Air Quality

An air quality assessment has been conducted to model concentrations of nitrogen dioxide (NO₂) and particulate pollutants due to road traffic emissions. Overall, the proposed scheme is anticipated to provide benefits to air quality in the area. For NO₂, there is predicted to be a reduction in concentrations at the majority of receptors with the exception of some receptors to the east of the scheme where there may be small increases in concentrations. This is due to the proposed change in road layout bringing vehicles closer to the buildings and an increase in traffic volumes on Waterloo Road. Specific mitigation measures are not expected to be required, but this will be kept under review.

Noise

Noise levels are expected to remain unchanged or fall slightly at sensitive receptors in the vicinity of the scheme with the exception of some receptors just to the east of the scheme which receptors may experience some increase in noise. This is due to the proposed change in road layout bringing vehicles closer to the buildings, including vehicles which currently turn left off Waterloo Road onto York Road but would continue along Waterloo Road under the proposed scheme. The noise increases are not expected to be large and, as a noise barrier would only mitigate the impact for the first two floors of the affected buildings, mitigation may not be necessary; however this will be subject to ongoing review.