

*This Project Pro-forma is used to capture **project descriptions, innovations and efficiencies**. It is not expected that all the information requested will be appropriate to all projects. Please provide as much information as possible. This form should be updated and resubmitted as projects develop.*

Text in shaded box is guidance – click on text box and over type.

MHA Authority	Barnsley Metropolitan Borough Council
Project Number	60634473
Project Title	MHA PSP3 BAR Goldthorpe Noise Insulation Regulations (NIR)
Client Contact	Suzanne Brough, Senior Major Projects Officer
Client Details	<p>Major Projects Team, Economic Development, Place Directorate Barnsley Metropolitan Borough Council Westgate Plaza One PO Box 603 Barnsley S70 9FD Telephone:- 01226 773290 Mobile Number:- 07810814262 E mail:- suzannebrough@barnsley.gov.uk</p>
Brief Project Description (300 Characters)	Barnsley Metropolitan Borough Council (BMBC) required, with respect to the Goldthorpe Junctions highways scheme, the assessment of potential qualification for noise insulation under Part 2 of the Land Compensation Act. BMBC wished to understand the level of qualification both with and without mitigation, in the form of a noise barrier, and whether they had a mandatory obligation to the qualifying properties.
Full Project Description	<p>Calculated baseline traffic noise levels within 600m of the scheme using baseline traffic data provided (as part of the business case) in 2018. Tabulated these levels alongside those previously calculated as part of the WebTAG appraisal completed in 2018, for the opening and future years.</p> <p>Provided a database of the baseline, opening year and future year traffic noise levels for all residential properties in the study area. All results were referenced directly to the property to which they applied so that appropriate mitigation, if necessary, can be considered.</p> <p>Provided an advice note on how these results inform potential qualification under the NIR, including whether the offer of insulation would be considered as a 'duty' or 'power' under the Regulations.</p> <p>Completed a full NIR assessment for the scheme using the final scheme design and updated address data.</p> <p>Determined qualification both with and without a proposed noise barrier.</p> <p>Provided a report clearly indicating the properties and associated facades that qualify for insulation with and without a noise barrier.</p>
Innovation	<p>The AECOM acoustics team applied their own bespoke methodology for analysing the relevant OS Master Map and Address Base data pertaining to the local area, which forms a key part of our 3D noise model.</p> <p>AECOM's bespoke use of these data packages enables the acoustic parameters to be applied automatically within the acoustic modelling software, rather than via a prolonged manual intervention. This includes assigning the acoustic nature of ground features on the OS Master Map, as well as determining building usages to identify noise-sensitive properties and estimating and calculating building heights. This is more efficient and ensures a more repeatable and consistent assessment, with better quality data, leading to a more accurate and robust assessment.</p>

Lean Delivery / Efficiency Savings	Cost savings are nominal at less than 5% but the real gain is the improved consistency and quality of the data.	
Sustainability	All meetings were held remotely.	
Awards / Customer Satisfaction	<input checked="" type="checkbox"/> PSP3 Lot 1 Project 360° Feedback Questionnaire. The client awarded AECOM 10/10 across all KPIs.	
Address of Site	Goldthorpe A6195, covering the Wath, Broomhill and Cathill roundabouts UK	Multiple Site Project: <input type="checkbox"/>
Project Capital Value (if applicable)	Estimated: N/A	At Completion: N/A
Fee Value	Estimated: £14,400	At Completion: £14,400
MHA PSP3 Delivery Team	Project Manager: Tom Lucas	
	Delivery Manager: Matt Muirhead	
	Framework Manager: Jason Clarke	
Project Manager Contact Details	Tom Lucas 07824 303156 tom.lucas@aecom.com	
Other Useful Information	N/A	
Image References (Images to be provided separately)	<input type="checkbox"/> N/A	
Completion Certificates (to be provided separately)	<input type="checkbox"/> N/A	
This information provided by:	Who: Tom Lucas, 07824 303156 tom.lucas@aecom.com	When: 01/09/2020