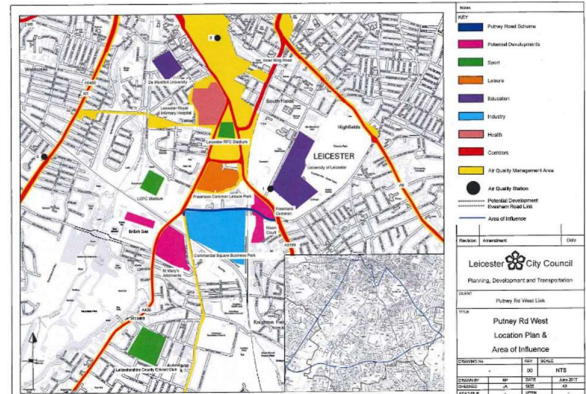


*This Project Pro-forma is used to capture **project descriptions, innovations and efficiencies**. It is not expected that all the information requested will be appropriate to all projects. Please provide as much information as possible. This form should be updated and resubmitted as projects develop.*

MHA Authority	Leicester City Council
Project Number	60587586
Project Title	Putney Road Link Road scheme
Client Contact	James Spencer / John Dowson
Client Details	James.Spencer@leicester.gov.uk John.Dowson@leicester.gov.uk
Brief Project Description (300 Characters)	<p>This £6m project is a new road scheme designed to tackle congestion and create a shorter route between two of Leicester's busiest arterial roads. The link road scheme will reduce journey times, cut pollution, and deter drivers from cutting through smaller residential streets in Knighton Fields to take a short cut from the east to the west of the city.</p> <p>The design involves opening Putney Road West to connect it to the junction of Aylestone Road and Saffron Lane, installing new traffic signals at the junction, new traffic islands, and altering the kerb line at Putney Road West, Commercial Square and Putney Road to accommodate a two-way segregated cycleway. The project also involves high quality cycling and walking links which are being built in at the same time to improve connectivity, including a link to the new University of Leicester Freeman's Common Campus at Welford Road, and to link with the proposed Transforming Cities funded cycleways connecting Aylestone Road to Saffron Lane.</p> <p>AECOM was commissioned by Leicester City Council to take the project through the feasibility, preliminary and detailed design phases as well as an Early Contractor Involvement process. During the construction phase, AECOM provided support services, including the provision of a NEC4 Project Manager, cost management support, and responding to technical design queries. The project was completed in August 2022.</p>
Full Project Description	<p>AECOM was commissioned by Leicester City Council to take the £6m Putney Road Link Road project through the feasibility, preliminary and detailed design phases as well as an Early Contractor Involvement process. During the construction phase, AECOM provided support services, including the provision of a NEC4 Project Manager, cost management support, and responding to technical design queries. The project was completed in August 2022.</p> <p>This £5m project is a new road scheme designed to tackle congestion and create a shorter route between two of Leicester's busiest arterial roads. The link road scheme will reduce journey times, cut pollution, and deter drivers from cutting through smaller</p>



residential streets in Knighton Fields to take a short cut from the east to the west of the city. The link road, which is part funded by £3.2m from the Government's National Productivity Investment Fund, is also designed to support economic growth by improving access for businesses in the Freeman's Common Industrial Estate. Detailed modelling has shown that the scheme will save around 340 tonnes of CO₂ each year.

AECOM's scope of work involved the following:

Project Management:

AECOM provided both advice and support to Leicester City Council's (LCC) Project Manager and co-ordinated work packages undertaken by AECOM. In addition, monthly progress reports and fortnightly management meetings were held to ensure the continual progression and ultimate success of the project. Furthermore, AECOM worked closely with LCC staff, supporting their development, notably in design and construction management.

Procurement of Contractor:

AECOM worked closely with the LCC Project Manager to provide advice and support across the project, including drafting the selection criteria, and providing advice on the model scheme, for the Direct Call Off procurement of the Contractor through the Midlands Highway Alliance Plus (MHA+) framework. The collation of the MHA+ Package Order information and the drafting of the NEC ECC Option C contract was also completed by AECOM, alongside LCC.

Monitoring:

AECOM were tasked with identifying and monitoring criteria alongside LCC, to gather both before and after criteria and complete an analyses and report on the findings.

Surveys and investigations:

AECOM attended the initial site inspection, undertook the pavement and drainage surveys, and attended meetings with utility companies, all alongside LCC. AECOM also undertook an environmental desk study.

Preliminary Design:

AECOM conducted a review of the LCC preliminary design and identified impacts on utilities and drainage. This involved a collaborative review of LCC's LinSIG model and further development of the preliminary design with LCC, as well as the identification and approval of any departure from standards.

Detailed Design:

AECOM appointed a CDM Principal Designer and provided a complete detailed design including levels, drainage, and traffic signal design, alongside the specification of materials and placed orders for utilities diversions. AECOM worked alongside the Contractor to develop the activity schedule, target price and programme, as well as working with the Contractor and LCC to develop traffic management arrangements.

Construction:

AECOM appointed a Project Manager under the NEC4 contract to supervise the construction of the works. During the construction phase, AECOM provided support services, including cost management support, and responding to technical design queries. The project was completed in August 2022.

Innovation

A major challenge existed for the project around the need to divert an existing BT fibreoptic cable which would add significant programme and cost risk to the project. AECOM was approached to look at options to overcome this. Through utilising 3D design software, AECOM developed an innovative and cost-effective design solution to raise the level of the junction, thus removing the need to divert the BT fibreoptic cable.

Lean Delivery / Efficiency Savings	The agreed revisions to the level of the junction removed the need to divert an existing BT fibreoptic cable. This enabled significant project savings equalling £91,083.51 and led to a programme saving of 3 months. Efficiency Savings: £91,083.51 3 Months (12 weeks)	
Sustainability	Ensuring a sustainable design solution, and reducing carbon emissions, were both design objectives for the project. The preliminary and detailed designs focussed on alleviating congestion between the city's two busiest roads, improving local air quality. In addition, the project included high quality cycling and walking links to improve connectivity and encourage the uptake of sustainable modes of travel for inner-city commuting. Detailed modelling has shown that the scheme will save around 340 tonnes of CO ₂ each year.	
Awards / Customer Satisfaction	Feedback on AECOM from James Spencer (Engineer (Highways), LCC): <i>"The City Mayor would like me to pass on his thanks for our good work and professionalism on Putney Road. Everyone was very pleased with progress and is looking forward to seeing the completed scheme. Keep up the good work."</i>	
Address of Site	Putney Road West, Leicester, LE2 7TD	
Project Capital Value (if applicable)	Estimated: £8,979,995	At Completion: £6,000,000
Fee Value	Estimated: £763,436.61	At Completion: £800,000
MHA PSP3 Delivery Team	Project Manager: Gareth Jones Delivery Manager: Gareth Jones Framework Manager: Jason Clarke	
Project Manager Contact Details	Gareth Jones, Principal Engineer, Nottingham Office, 07799 099785 Gareth.Jones3@aecom.com	
Other Useful Information	N/A	
Image References (Images to be provided separately)	N/A	
Completion Certificates (to be provided separately)	N/A	
This information provided by:	Who: Gareth Jones	When: 12/10/2022