**Category: Best use of Technology to improve Health, Safety or Wellbeing**

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| 1 | **MHA+ member name** |
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|  | Amey Consulting |
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| 2 | **other partners involved in the development of this product/project/nomination** |
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|  | Trafford Borough Council (Client), George Cox Construction (Contractor) |
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| 3 | **Please provide a brief description of what was done.** |
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|  | As part of TfGM’s Bee Network, which promotes active travel to reduce congestion and pollution whilst improving public health, safety and wellbeing, Trafford Council commissioned Amey to undertake a concept to completion project introducing an active travel corridor along Talbot Road, Stretford. The project funding was supported by a compelling business case that demonstrated a positive benefit-to-cost ratio. This project successfully implemented Trafford’s first, second and third CYCLOPs junctions using innovative technology/design to improve cycle lanes/footways, effectively bridging missing links greatly enhancing this important commuter route for walking, wheeling and cycling. The works significantly boost active travel access to Trafford Town Hall, other key attractors and along a main route to Manchester city centre. |
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| 4 | **Please provide a brief overview of what were the benefits of the digital deployment** |
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|  | Used data and Junction Assessment Tool.Velo Cycle used with larger turning radius than standard cycles. Amey worked with AutoDesk, to create a tracking simulation which reflected the correct dimensions and turning radii of a Velo Cycle. The tracking identified pinch points within the scheme, which were adjusted to accommodate this vehicle.CYCLOPs junctions operate with signal control technology, detection system provides dedicated signal phases for cyclists, pedestrians, vehicles.GPR check for stats.Monitor, 24 months, 24/7 counts. Use AI imaging technology for peds, cyclists, vehicles. |
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| 5 | **Please provide a brief overview of why you should win an award** |
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|  | This scheme hits the brief on all counts:Use of technology – three CYCLOPS junctions. Improves health, safety & wellbeing for all users. Initial data - significant increase in active travel users.Improved accessibility, safer crossing, ease of movement along corridor. Public/councillor/client feedback very positive. D Cohen, Client “I express my sincere appreciation and admiration for the outstanding technical excellence, technology innovation, and dedication demonstrated setting a high benchmark. Commended CIHT Awards 2025,shortlisted 3 categories CIHT NW Awards 26/6. |
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| 6 | **Please provide any other information that you feel needs to be included in the submission** |
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|  | <https://youtu.be/BnJunzxlYAY>Drone footage of the 3 CYCLOPs junctions. More images are available if required |
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| 7 | **Please provide contact details** |
|  | Chris Barker |
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| 8 | **Please provide other contact details** |
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