

NORTH STAFFORDSHIRE LOCAL AIR QUALITY PLAN

UNAPPROVED OUTLINE BUSINESS CASE
APPENDIX 7 - Refined longlist of options



Refined longlist of options

Transport Modelling Test	Tested	Viable	Reason	Final Options
Etruria Valley Link Road (EVLRL) Project	Yes	No	It has been included in the Reference Case as a committed scheme	N/A
Workplace Parking Levy (WPL)	Yes	No	Small numbers would be liable to pay WPL. The charge would only be to non-compliant vehicles therefore, complicated to administrate. The employer would be unlikely to pass the charge onto the employee as a result the employee is unlikely to change mode of transport. Limited benefit.	No
Bus Retrofitting	Yes	Yes	This option has been implemented as part of options 2 to 7..	Yes
TM1 - Victoria Street as one-way SB	Yes	No	Reduction in flows along the A53 insufficient.	No
TM2 - Increased green timings at Basford	Yes	No	Flows along the A53 increased.	No
TM3 - Banned right turn out of Basford Park	Yes	Yes	Good reduction in flow at exceedance location. This option has been implemented as part of option 2.	Yes
TM4 - Restrictions on WB movement along the A53 Etruria Road from the A500	Yes	Yes	Good reduction in flow at exceedance location. This option has been implemented as part of options 3, 4, 6 and 7.	Yes
TM13 - Banned Right Turn out of Basford Park and Victoria Street as one-way SB	Yes	No	Large reductions seen but rerouting may impact other areas close to exceedance.	No
TM5 - Addition of the two-way Fenton Manor Link Road between City Road and Victoria Road	Yes	No	Measures result in required reduction of vehicles, however, the feasibility of delivering Fenton Manor Link as a two-way link is unlikely.	No
TM6 - Banning of the right turn into Dewsbury Road and Beville Street	Yes	No	Reduction in flows on Victoria Road are insufficient.	No
TM7 - New one-way northwest link between City Road and Victoria Road	Yes	No	Reduction in flows on Victoria Road are insufficient.	No
TM8 - Removal of the link going from Meigh Street car park Via Goodson Street to Old Hall Street	Yes	No	Negligible impact on traffic flows on Bucknall New Road corridor.	No
TM9 - Signalisation of Joiners Square and banning the Right turn from A50 Victoria Road to A52 Leek Road	Yes	No	Controversial - would require major reconstruction and unlikely to be delivered within timescales.	No
TM10 - Existing Manor Street link converted to one-way NB and Victoria Road as one-way SB between the Manor Street junction and the southern roundabout (buses still allowed NB movement)	Yes	No	Reductions are sufficient. However, levels of traffic which would be routing along Manor Street, would be unacceptable for this type of road. This link runs through a residential area and is the access to a school.	No
TM11 - Addition of the two-way Fenton Manor Link and Victoria Road traffic calmed	Yes	No	Reduction in flows along the A50 Victoria Road are sufficient. However, the feasibility of delivering a two-way Fenton Manor Link is unlikely.	No
TM12 - Addition of a one-way Fenton Manor Link and Victoria Road as SB only (buses still allowed NB movement)	Yes	No	Reduction in flows along the A50 Victoria Road are sufficient. However, the acceptance of Fenton Manor Link as a through route is unlikely.	No
'Egg and Spoon' CAZ area	Yes	Yes	The boundary covers a smaller area and addressed all exceedance locations. There were less taxis operating within the CAZ boundary. The university and station are outside of the CAZ boundary. Used to inform Option 1.	Yes
'Dragon's Head' CAZ area	Yes	No	The boundary covers the university and station. The boundary also contains a higher number of taxis operating. This test addresses all exceedances but not as strongly as the 'egg and spoon' area. Used to inform Option 1.	Yes
Original Low Impact Scenario - - Basford Park Road Right-Turn ban , 50% bus retro fit on Bucknall New Rd, Two-Way Fenton Manor Road Link and Victoria Road traffic calmed and 100% bus retrofitting on Victoria Road	No	No	Delivery of two-way Fenton Manor Link not feasible in timescales	No
Original High Impact Scenario – A53 WB peak restrictions, 100% bus retro fit on Bucknall New Rd, Manor Street NB only and Victoria Road SB only except	No	No	Levels of traffic which would be routing along Manor Street would be unacceptable for this type of road. This link runs through a residential area and is the access to a school. Air quality exceedances not addressed on A53.	No

buses and 100% bus retrofitting on Victoria Road				
High impact scenario 3 + banned right turn at Basford Park	Yes	No	As above.	No
High Impact scenario 3 + Ped phase at Basford Park	Yes	No	As above.	No
High Impact Scenario 3 + Ped Phase at Albert Street	Yes	No	As above	No
High Impact Scenario 3 + Ped phase at Basford Park and Ped phase at Albert Street	Yes	Yes	This has been used to inform the development of Option 4	Yes