

WML-A13a-E5a&b – WORK SCHEDULE FOR BAT

ANNEXED LICENCE



Site name and address (as stated on the application form or licence granted): Wynhol Viaduct, M5 Northbound & Southbound, Somerset

Please ensure that the work schedules are S.M.A.R.T and appropriate timescales are provided for each activity, to fit with order of events. Complete these schedules to show timings for all categories of work (mitigation and compensation measures), and to show the main construction period. The most common activities are listed here, and you can add up to 6 more if needed. Leave blank if not applicable. Enter timing by stating **start and end dates, to nearest month and year** (see first lines for examples). Enter comments if you need to clarify timings. For very complex schemes (e.g. high impact or phased development schemes) if additional lines are needed please do add in. This work schedule will form part of any annexed licence.

E5a

PLEASE INCLUDE DATE OF SUBMISSION (e.g. 01 July 2016). This will be referenced in the annex		07/10/2019 23.12.19
Activity	Timing	Comments
Pre- development activity		
<i>Example: Bat house creation (in advance of licence)</i>	<i>Sept-14 to Nov-14</i>	<i>Also put up 3 bat boxes before end of December 2015, in advance of works commencing</i>
Creation of standalone bat feature/s (state completed and fit for purpose if created before licensable works due to commence)		
Installation of bat boxes pre-development works (state completed and fit for purpose if created before licensable works due to commence)		
Permanent exclusion measures (e.g. use of one-way excluders prior to permanent blocking of access points or destruction of roost)		

Mid-development activity		
<i>Example: Capture exercise (e.g. by hand /hand-held nets, etc)</i>	Sept-2016	By hand
Pre-works inspection by Named Ecologist or Accredited Agent	November - December 2019 Feb - March 2020	Check by ecologist within abutment chamber for roosting bats. 1 abutment chamber to be worked on at a time. Repair works to be undertaken with southbound southern joint taking 5 nights, northbound southern abutment taking 3 nights and northbound northern abutment taking 6 nights.
Installation of protective measures (e.g. separation membranes whilst working in lofts)		
Disturbance by noise, illumination or vibration (please specify)	November - December 2019 Feb - March 2020	Disturbance by noise, illumination and dust
Temporary exclusion measures (e.g. use of one-way excluders with access re-instated following works)	November - December 2019 Feb - March 2020	Install temporary screens made of plywood over the manholes to prevent bats from the deck chambers accessing the abutment chamber whilst works take place.
Permanent exclusion measures (e.g. use of one-way excluders prior to permanent blocking of access points or destruction of roost)		
Capture exercise (e.g. by hand / hand-held nets, etc – please state)	November - December 2019 Feb - March 2020	Any bats present in the abutment chamber prior to repair works will be captured by hand or hand held net (depending on height) and relocated to the deck chambers
Destructive search by soft demolition		
During development		
<i>Example: Mechanical demolition</i>	Oct-2016	Buildings X and Y will be knocked down after sign off from Named Ecologist
Mechanical demolition of all or part of structures (once declared free of bats by Named Ecologist or Accredited Agent) – please state		
Construction period start and end dates	November -December 2019 Feb - March 2020	
Site checks and maintenance during construction	December 2019/January 2020 Feb - July 2020	Internal count of roosting bats within the viaduct following completion of works

Post construction mitigation/compensation on 'development' site or other (provide details below)		
<i>Example: Installation of access points and bat boxes</i>	<i>Feb-2017</i>	<i>Access points will be installed after completion of new roof structure; remaining 3 x bat boxes installed by end of this month.</i>
Creation of mitigation/compensation <u>post development</u> (e.g. installation of bat tubes, bricks, boxes, access points, etc – specify in comments section)		
Habitat reinstatement or restoration (following temporary impacts)		
Hedgerow or woodland planting (please specify)		

E5b) Post-development works - type a "Y" where each activity will occur for a given year and leave blank for no activity.

Year:	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Monitoring				Y	Y							
Habitat management												
Site maintenance												

Year:	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Monitoring												
Habitat management												
Site maintenance												