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Section A **must** be completed in full by the Project Development Team, failure to do so may result in delays to programme.

As much relevant information as possible **must** also be completed and attached to this form when forwarding to the Environment team, together with all relevant information submitted during the Value Management Process and prior to the final scoring workshop.

Name and address of Environmental Specialist (include contact number)	
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SECTION A (to be completed by project development team)

1. Project Information

1a Essential Scheme information - Please complete in full

Scheme Name:	M1/149.10 Cosby Countesthorpe Road – Concrete Testing	Preferred Response Date (min 28 day response period):	28 days
Scheme Reference & Activity Code:	TBC	Scheme Type (e.g. renewal, improvement etc.):	Structures Renwal
Return To:		Proposed Site Working Hours (if known):	20:00 – 06:00
Project Manager:	TBC	Duration of Works:	4 or 5 shifts
Scheme Value:	TBC		

Below are the documents and information required to enable the Environmental Assessment to progress.	Checklist
1a. Cost Reimbursable Brief	No
1b. Location plan with scheme extent	Yes
1c. General Arrangement Drawing (PDF)	Yes
<p>1d. Describe the nature and size of the scheme, please list all potential construction activities: (E.g. Traditional resurfacing, repave, deep recycling, hydrodem, excavations, trenchless technology etc.)</p> <p>Undertake concrete testing to;</p> <p>1. M1, Cosby-Countesthorpe Road, M1//149.10//. Local authority road 'Countesthorpe Road' runs underneath structure.</p> <p>These testing works will be restricted to the underneath of the bridge only, and to ensure all areas of the beams (testing areas) can be accessed, access equipment such as elevated working platforms will be in use. Works will require a hand-held drill in order to acquire concrete dust samples for testing, all other testing works will be non-destructive in nature.</p>	

2. Site Investigation

List Details of any site investigation undertaken or proposed – Attach Technical Survey Environmental Assessment if completed.

No known previous investigation. Please see section 1d for details of proposed.

3. Soft Landscape including 3rd Party Land

3a. Are you disturbing soft landscape elements?
(Excavations, crossing, storage, cabins, parking, etc.)

No

3b. Describe the extent of disturbance. In some cases the verge will have to be fully reinstated/reseeded as part of the works.

4. Trees

4a. Will trees be affected as part of the scheme or will excavation works take place in close proximity to trees?

No

4b. Describe the extent of the tree removal and include a site clearance plan if available.

5. Hedgerows

Will Hedgerows be affected or removed as part of the scheme?

No

6. Drainage

6a. Will the scheme change the drainage system, e.g. additional pipes, filter drains, new outfalls?

No

6b. Will the works occur within 8m of the top of the bank of a watercourse?

No

6c. Will the scheme discharge into ground or surface waters?

No

6d. Will the scheme utilise temporary structures in or over watercourses?

No

6e. Please provide details of drainage works.

7. Waste

7a. Will the scheme generate waste?

Yes

7b. Are any hazardous wastes likely to be generated (e.g. tar, filter drain material, asbestos, and paints)?

No

Please give details of proposed hazardous wastes.

7c. Are there any signs of spillage on the verge or areas of known contamination?

No

8. Material use

Identify the main materials (and quantities) to be used in the scheme. For each indicate consideration of using recycled/alternative materials.

Material

Can alternative recycled materials be used?

Concrete repair material to reinstate drilled areas.

No


9. Completion & Audit

Please return partially completed form along with appropriately sized plan indicating location and extent of the works and any other relevant information (e.g. photos if available, proposed designs) to the Environment Team.

SECTION B (to be completed by Environment Team)
10. Desk Study

10. Desk Study

10a. Constraints Map			Date Produced:		
10b. Environmental Constraints table (Add rows as required)					
Receptor	Location	Designation	Category/Dataset	Record Date	Potential Impact
Badger A number of sightings in woodland connecting to the soft estate	Appendix A Pink badger symbol	Statutory	A-one+ Watchmen	2006	Potential to disturb, injure or kill a protected species.
Tawny Owl	Appendix A Blue bird symbol	Statutory	A-one+ Watchmen	2015	No impact anticipated due to the nature of the proposed works.
Listed Buildings – A number of grade II listed residential properties in Cosby	Appendix A Blue circle	Statutory	Historic England	1957 1981 1988	No impact anticipated due to the distance from the proposed works.
Tributary of the River Soar (statutory main river)	Appendix A Blue line	Statutory	Environment Agency	N/A	No impact anticipated due to the distance from the proposed works.
Cultural Heritage: Great Central Railway – 19 th century disused railway	Appendix A Annotated green line	Non-statutory	Leicestershire County Council Historic Environment Record	N/A	No impact anticipated due to the distance from the proposed works.
Cultural Heritage: Lutterworth Road –	Appendix A Annotated green line	Non-statutory	Leicestershire County Council Historic	N/A	No impact anticipated due to the distance

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Roman road from Leicester to south of Lutterworth			Environment Record		from the proposed works.
Cultural Heritage: Midland Counties Railway – 19 th Century Leicester to Rugby line	Appendix A Annotated green line	Non-statutory	Leicestershire County Council Historic Environment Record	N/A	No impact anticipated due to the distance from the proposed works.
Cultural Heritage: Ditched enclosure – curvilinear feature recorded during geophysical surveying in 2008	Appendix A Annotated pink polygon	Non-statutory	Leicestershire County Council Historic Environment Record	N/A	No impact anticipated due to the distance from the proposed works.
Cultural Heritage: Parallel linear features 200m in length recorded during geophysical surveying in 2008	Appendix A Annotated pink polygon	Non-statutory	Leicestershire County Council Historic Environment Record	N/A	No impact anticipated due to the distance from the proposed works.
Bridge Structure number: 149.10	Not mapped	Non-statutory	HE	2019	Potential to disturb, injure or kill a protected species.
10c. Site Visit Summary Site visit carried out on 13/11/2019 to assess the bridge (149.10) for its bat roost potential. The bridge was thoroughly inspected in all areas where bats may access the bridge and it was confirmed to have high bat roost potential due to the gaps along the bearing shelf. However, methods can be taken to reduce the impact as the works area is located away from the bearing shelf and on the beams, see table 16 below.					
10d. If further survey is required, provide details and justification.					
Carried out by: [REDACTED]				Date: 13/11/2019	

11. Environmental Assessment Screening

11a. Is the area of the scheme 1 hectare or more? (include compounds, storage, tipping areas, etc.)	No
11b. Is the scheme maintenance only?	Yes
11c. Is the scheme in, or does it abut, a sensitive area? (Examples of designated sites include but are not limited to SSSI, SPA, SAC, National Parks, AONB, World Heritage Sites, Scheduled Monuments, Ramsar, listed buildings, battlefields, etc.)	No
11d. Will any of these be adversely affected by the scheme?	No
11e. if yes to 14e, what consultations are required?	
11f. Is the scheme within 2km of a European Designated Site (SAC, SPA)? Or 30km if the designation is for bat species?	No
11g. Is the scheme Schedule 2 (EIA based on threshold and location sensitivity)	No
11h. Is a more detailed environmental assessment required? (if yes add more detail below)	No
11i. Is Appropriate Assessment screening required? (if yes add more detail below)	No

12. Anticipated Statutory Nuisance & Wider Environmental Impact Based on Scope and Construction Methodology

The following applies to both the scheme and any diversion routes:	
12a. Will the scheme affect noise levels?	Yes
12b. Will the scheme affect air quality?	No
12c. Will the scheme affect odour levels?	No
12d. Will the scheme produce light pollution?	Yes
12e. Will the scheme have landscape and/or visual impacts?	No
12f. Will the scheme affect water? (E.g. pumping, hydro-demolition, drain cleaning, etc.) Consents may be required.	No
12g. Are the works in a known flood zone?	No
12h. Will the scheme affect known/possible archaeological features, conservation areas or listed buildings?	No
12i. Will the scheme affect access? (Including non-motorised users)	Yes
12j. Will the scheme affect nearby housing or sensitive property? (E.g. hospital, school, nursing home, etc.)	No
12k. Are there any historic landfills in the area?	No

13. Landscape

Will the scheme involve changes to vegetation or terrestrial environment (temporary or permanent)?			
Arable Land	N/A	Playing Field	N/A
Woodland	N/A	Park	N/A
Grassland	N/A	Hedgerow	N/A
Verge	N/A	Marsh/Wetland	N/A
Meadow	N/A	Aquatic Vegetation	N/A
Garden	N/A	Shrubs	N/A
Trees	N/A	Floodplain	N/A

14. Hedgerows

14a. Hedgerow ownership details	Highways England
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14b. Hedgerow dimensions – Note: If more than 20 metres is to be removed Local Authority/HA approval may be required.	Length (m)	Height (m)	Width (m)
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14c. Landowner contact details

15. Mitigation and Enhancement

15a. Is there scope for compensatory mitigation or environmental improvement?	No
15b. Is replacement planting or seed mixture required?	No
15c. Will it be necessary to consider the position of vegetation in relation to the design?	N/A

16. Summary

The following additional risks are to be considered in the designers' environmental risk assessment. These will form the basis of any future review of scheme related information.

Activity	Risk	Control
All works	Potential to disturb a protected species – Badger.	<p>Ensure works method statement includes control measures.</p> <p>All task lighting must be directed away from the soft estate.</p> <p>Check the area for mammal burrows before allowing vehicles to park on soft ground.</p> <p>Please ensure that any Badger sightings are reported to the EMAD Environment Team for their records.</p> <p>Under no circumstances must site personnel approach any Badgers that enter the works areas.</p>
All works	Potential to disturb a protected species - Bat - including damage, destruction or blocking access to roosts.	<p>Works to proceed with caution.</p> <p>Any task lighting required should be directed away from the bearing shelf and onto the works area using suitable hoods.</p> <p>To avoid blocking access to potential roosting locations, do not place equipment</p>

		<p>within 1m of the sides of the bearing shelf.</p> <p>In the event bats are observed emerging from any structure within the scheme extent during the works, all operations should cease in that location and further consultation with the Environment Team is required.</p>
All task lighting for night time works.	Potential to disturb wildlife in the soft estate	All task lighting should be hooded to prevent glare and directed onto the works area.

17. Environmental Consents and Permits

Consents	Comments	Minimum Application Period (working days)	Required?
Appropriate Assessment	Environment Team	28	No
European Protected Species	Environment Team	30	No
Section 61	Design Team	28	No
EA Consents	Design Team	28	No
Local Authority Consents	Design Team	90	No
Other consents			No

18. Additional Recommendations

Insert additional information here (e.g. seed mixtures, planting etc.)

19a. Is further information required from the Project Development Team?

No

If yes to the above provide details:


Note: For the box above strikethrough, date and initial as issues are resolved.

20. Returned to Project Development Team

Initials: G.P

Date: 20/11/2019

Section C (to be completed by Project Development Team)

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21. Project Development Team received	Initials: [REDACTED]	Date: 20/11/2019
If Yes to Q19 – please review and send the information required at the earliest opportunity		

22. Has information been returned to the Environmental Advisor?	N/A
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23. Have all risks been transferred to the handover pack to be sent to the Design Contractor?	Yes
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Section D (to be signed and returned to the Environmental Specialist)

24. Produced (Project Development - signature): [REDACTED]	Date: 20/11/19	Initials: [REDACTED]
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25. Checked (Environment - Signature):	Date:	Initials:
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26. Authorised (Signature):	Date:	Initials:
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Authorisers listed below:			
Environmental Manager	Specialist Manager	X	X