

A428 Black Cat to Caxton Gibbet improvements

TR010044

Volume 9

9.106 Schedule of Changes to the First Iteration Environmental
Management Plan

Planning Act 2008

Rule 8(1)(k)

Infrastructure Planning (Examination Procedure) Rules
2010

January 2022

Infrastructure Planning

Planning Act 2008

**The Infrastructure (Examination Procedure)
Rules 2010****A428 Black Cat to Caxton Gibbet improvements
Development Consent Order 202[]**

**9.106 Schedule of Changes to the First Iteration
Environmental Management Plan**

Regulation Reference:	Rule 8(1)(k)
Planning Inspectorate Scheme Reference	TR010044
Application Document Reference	TR010044/EXAM/9.106
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Version	Date	Status of Version
Rev 1	14 January 2021	Deadline 8

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1 Introduction

1.1 Purpose of this document

- 1.1.1 The following tables have been prepared by the Applicant to set out the changes made in the First Iteration Environmental Management Plan **[REP6-007]** from that submitted with the Development Consent Order application **[APP-234]** to the Planning Inspectorate on 26 February 2021 (herein after referred to as the Schedule of Changes).
- 1.1.2 This Schedule of Changes has been submitted in response to Q3.6.3.1, part (a) **[PD-104]** which states 'Applicant, set out a schedule of the fundamental changes to the First Iteration EMP'. **Table 1-1** below provides the schedule of changes following the submission of an updated version of the First Iteration Environmental Management Plan **[REP6-007]** at Deadline 6.
- 1.1.3 The updates principally address or take account of the following:
- a. Drafting errors and corrections.
 - b. Addressing points raised by interested parties, including measures agreed with parties through the development of Statements of Common Ground.
 - c. Updates to terminology and definitions.
 - d. Changes to guidance and best practice.
 - e. The introduction of new management plans (Outline Travel Plan and Borrow Pit Management Plan).

Table 1-1 - Schedule of changes to the First Iteration Environmental Management Plan

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
1	Throughout EMP documents	Throughout	National Highways	Update was made to aid the readability of the documents in the context of the examination, so referenced documents also had DCO Examination Library References.	References to documents updated as per the most up to date Examination Library (or National Highways reference where the PINS reference was not available at the time of writing).	Deadline 6	REP6-007 and REP6-008
2	Throughout EMP documents	Throughout	National Highways	Reflecting the name change from Highways England to National Highways and the updated branding of National Highways.	Reference to 'National Highways (Highways England)' changed to 'The Authority' throughout	Deadline 6	REP6-007 and REP6-008
3	1. Introduction	Para. 1.1.2	National Highways	Update was made to address these definition terms at the beginning of the First Iteration EMP to aid the readers understanding of the proceeding text.	Updated definitions added including 'The Authority', 'Principal Contractor', 'Maintenance Authority', 'First Iteration EMP', 'Second Iteration EMP' and Third Iteration EMP.'	Deadline 6	REP6-007 and REP6-008
4	1. Introduction	Figure 1-1	National Highways	Update made to remove references to terms which are no longer used in the Design Manual for Roads and Bridges (DMRB).	Updated Figure 1-1 including up to date definitions.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
5	2. Project Team Roles and Responsibilities	Table 2-1	National Farmers Union	As part of the National Farmers Union Relevant Representation [RR-074] and through SoCG discussions, captured in [REP1-014] and [REP4-019] , commitments regarding irrigation plans and the responsibility of an ALO have been negotiated and secured in the EMP.	Roles and responsibilities updated to include Principal Contractor's Agricultural Liaison Officer (ALO).	Deadline 6	REP6-007 and REP6-008
6	2. Project Team Roles and Responsibilities	Table 2-1	National Highways	Based on a review of the EMP, further information has been provided regarding the complaints procedures relationship to the Community Relations Manager (CRM) and information regarding the role of the Health and Safety Manager (H&S).	Roles and responsibilities updated to include H&S and updated overall responsibilities for CRM.	Deadline 6	REP6-007 and REP6-008
7	3. Environmental Actions and Commitments	Table 3-2	Cambridgeshire Joint Authorities	In correspondence titled 'Cover Letter and ISH1 Action Point response' [REP1-103] , the Cambridgeshire Authorities identified pre-commencement activities which they requested further information on the mitigation of. The EMP has been updated to add the Pre-Commencement Plan [REP4-038] into Table 3-2 General Provisions.	Addition that the Principal Contractor will implement the Pre-Commencement Plan [REP4-038] , which is secured through Requirement 20 of the DCO.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
8	3. Environmental Actions and Commitments	Table 3-9	Central Bedfordshire Council	In response to comments made in REP1-054 and REP1-055 , the Applicant committed to (in [REP3-007]) proving further engagement regarding activities in sensitive locations and this would be secured in the EMP and this change is the result.	New Ref 'ESS – NV 5' to include engagement between the Principal Contractor and local authorities so that agreements can be sought when working close to sensitive locations or where there are specific activities where noise from construction could potentially be minimised.	Deadline 6	REP6-007 and REP6-008
9	3. Environmental Actions and Commitments	Table 3-13	Environment Agency	Actions and commitments relating to flood risks and groundwater risks and solutions have arose between the Applicant and Environment Agency through the development of Flood Risk Assessment Technical Note [REP6-042] and Groundwater Risk Assessment Technical Note [REP6-043] . These actions and commitments have been secured in the EMP.	New table to include flooding and groundwater actions/ commitments from the Flood Risk Assessment Technical Note [REP6-042] and Groundwater Risk Assessment Technical Note [REP6-043] submitted at Deadline 6 of the Examination.	Deadline 6	REP6-007 and REP6-008
10	3. Environmental Actions and Commitments	Table 3-14	National Highways	To give the examination clarity around the travel modes which would be used for construction operatives, an outline travel plan was produced. The actions and commitments in the outline plan have been included as part of the Environmental Actions and Commitments Register.	New table to include Travel Plan actions / commitments.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
11	3. Environmental Actions and Commitments	Table 3-15	National Highways	To give the ExA an overview of the mitigation proposed within the EMP to mitigate for the use of borrow pits, a borrow pit management plan complies the actions and commitments proposed specifically for borrow pit management.	New table to include borrow pits actions / commitments.	Deadline 6	REP6-007 and REP6-008
12	4. Consents and permissions	Table 4-1	National Highways	A Letter of No Impediment was secured based on a draft badger licence application on 15 July 2021. The Permissions and Consents Table (Table 4-1) was updated to reflect this.	Updated positions provided for Badger licence.	Deadline 6	REP6-007 and REP6-008
13	4. Consents and permissions	Table 4-1	National Highways/Natural England	The position regarding district level licensing for newts was updated, to reference both district level licensing and the use of a Scheme wide European Protected Species Licence. This change in licensing approach was triggered by the Natural England relevant representation [RR-076], when Natural England confirmed they didn't have enough land available in Cambridgeshire to accommodate newt mitigation for the Scheme.	Updated positions provided for Great Crested Newt licence matters.	Deadline 6	REP6-007 and REP6-008
14	8. References	N/A	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Updated reference list provided.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
15	9. Glossary	N/A	National Highways	Update was made to aid the readability of the Plan, so the glossary entries were up to date, in line with the overall technical updates in the EMP.	Updated glossary provided.	Deadline 6	REP6-007 and REP6-008
16	Annex B: Noise and Vibration Management Plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008
	Annex C: Waste Management Plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008
17	Annex D: Biodiversity Management Plan	Para. 1.42 to 1.44	National Highways	A Letter of No Impediment was secured based on a draft badger licence application on 15 July 2021 and Annex D was updated to reflect this.	Updated positions provided for Badger licence matters.	Deadline 6	REP6-007 and REP6-008
18	Annex D: Biodiversity Management Plan	Para. 1.42 to 1.44	National Highways/Natural England	The position regarding district level licensing for newts was updated, to reference both district level licensing and the use of a Scheme wide European Protected Species Licence. This change in licensing approach was triggered by the Natural England relevant representation [RR-076], when Natural England confirmed they didn't have enough land available in Cambridgeshire to accommodate newt mitigation for the Scheme.	Updated positions provided Great Crested Newt licence matters.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
19	Annex D: Biodiversity Management Plan	Para. 1.8.15	National Highways	Annex D was updated to include a specific reference to the mammal tunnel proposed along the Scheme.	Mitigation for bats updated to include a bespoke mammal tunnel beneath the new dual carriageway.	Deadline 6	REP6-007 and REP6-008
20	Annex D: Biodiversity Management Plan	Para. 1.14.1	National Highways	Annex D was updated to provide reference to the contents of the European Protected Species Licence for Great Crested Newts, which included the creation of terrestrial habitat for newts which will be removed as a result of the Scheme and the creation of receptor ponds. Updates to the Environmental Masterplan [REP6-006] to reflect where this mitigation is included.	Mitigation for Great Crested Newts updated on the Environmental Masterplan [REP6-006] .	Deadline 6	REP6-007 and REP6-008
21	Annex D: Biodiversity Management Plan	District Level Licencing	National Highways	The text around the exclusive use of district level licencing was removed and updated to reflect the proposed use of both district level licencing in Bedfordshire and European Protected Species Licencing in Cambridgeshire.	Section deleted on District Level Licencing.	Deadline 6	REP6-007 and REP6-008
22	Annex D: Biodiversity Management Plan	Para. 1.14.8	National Highways	Annex D was updated to provide reference to the contents of the European Protected Species Licence for Great Crested Newts, which included information about monitoring for the presence and absence of Great Crested Newts.	Additional paragraph added on Great Crested Newt presence and absence monitoring.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
23	Annex E: Soil Handling and Management Plan	Para. 1.5.12	National Highways	The update was made because over the course of the examination, there has been a change in best practice regarding the handling of soils in mineral works.	Updated reference and footnote in relation to the Good Practice Guide for Handling Soils in Mineral Works (The Institute of Quarrying, 2021) replacing the Ministry of Agriculture Fisheries and Food Good Practice Guidance For Handling Soils – Sheet 1: Soil Stripping with Excavators and Dump Trucks.	Deadline 6	REP6-007 and REP6-008
24	Annex E: Soil Handling and Management Plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008
25	Annex F: Water management plan	Table F2-1	National Highways	Change made to acknowledge a legislative change and aid readability of the EMP.	Acknowledgement of the revoked Groundwater (England and Wales) Regulations 2009.	Deadline 6	REP6-007 and REP6-008
26	Annex F: Water management plan	Para. 4.1.8 to 4.1.9	National Farmers Union	As part of the National Farmers Union Relevant Representation [RR-074] and through SoCG discussions, captured in [REP1-014] and [REP4-019] , commitments regarding irrigation plans and the responsibility of an ALO have been negotiated and secured in the EMP.	Information on irrigation added including development of irrigation plans in the detailed design phase and responsibilities for the ALO.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
27	Annex F: Water management plan	Para. 4.2.38 to 4.2.49	National Farmers Union	As part of the National Farmers Union Relevant Representation [RR-074] and through SoCG discussions, captured in [REP1-014] and [REP4-019] , commitments regarding irrigation plans and the responsibility of an ALO have been negotiated and secured in the EMP.	Mitigation in relation to land drainage and private water supplies added.	Deadline 6	REP6-007 and REP6-008
28	Annex F: Water management plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008
29	Annex G: Energy and Resource Use Management Plan	Section 1.5	Cambridgeshire Joint Authorities	In response to comments made in section 4.46 of Table 3-4 Environmental Matters of the Cambridgeshire Joint Authorities SoCG [REP5-003] , information was added regarding the use of materials with lower embodied carbon.	Information on embodied carbon added.	Deadline 6	REP6-007 and REP6-008
30	Annex H: Materials Management Plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008
31	Annex I: Contaminated Land Management Plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
32	Annex J: Archaeological Management Plan	Table J-1	National Highways	In response to REP2-003z as part of Applicant's Response to the Local Impact Reports [REP3-009] , further updates have been made to the Annex to reflect the discussions which have taken place with the Cambridge County Council Curator.	Updates to wording for mitigation requirements across the different sites / fields.	Deadline 6	REP6-007 and REP6-008
33	Annex K: Construction Compound Management Plan	Section 1.4	National Highways	In response to REP4-057x as part of Applicant's comments on Submissions made at Deadline 4 [REP5-014] , information on construction timings was included in the EMP from Chapter 2 – The Scheme [APP-071] of the Environmental Statement.	Section on construction working hours added.	Deadline 6	REP6-007 and REP6-008
34	Annex K: Construction Compound Management Plan	References	National Highways	Update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008
35	Annex L: Landscape and Ecology Management Plan	Table L-3	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Changes to indicative open grassland mix.	Deadline 6	REP6-007 and REP6-008

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36	Annex L: Landscape and Ecology Management Plan	Para. 1.10.16 to 1.10.24	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Additional information provided with regard to native planting.	Deadline 6	REP6-007 and REP6-008
37	Annex L: Landscape and Ecology Management Plan	Table L-4	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	The addition of Hornbeam (<i>Carpinus betulus</i>) and Small-leaved Lime (<i>Tilia cordata</i>) into the indicative woodland mix.	Deadline 6	REP6-007 and REP6-008
38	Annex L: Landscape and Ecology Management Plan	Table L-6	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Changes to the indicative linear belt of trees and shrubs mix.	Deadline 6	REP6-007 and REP6-008

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39	Annex L: Landscape and Ecology Management Plan	Table L-7	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Changes to the indicative shrubs with intermittent trees mix.	Deadline 6	REP6-007 and REP6-008
40	Annex L: Landscape and Ecology Management Plan	Table L-10	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Changes to the indicative individual trees mix.	Deadline 6	REP6-007 and REP6-008
41	Annex L: Landscape and Ecology Management Plan	Table L-11	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Changes to the indicative hedgerow (LE 4.3) planting mix.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
42	Annex L: Landscape and Ecology Management Plan	Table L-12	Cambridgeshire Joint Authorities	A meeting was held between the Applicant and the Cambridge Joint Authorities to discuss the outstanding landscape elements under discussion in section 4.21 of Table 3-4 Environment Matter of the Cambridgeshire Joint Authorities SoCG [REP5-003] . The changes presented in the LEMP are the result of this meeting.	Changes to trees within hedgerow planting (LE 4.4) planting mix.	Deadline 6	REP6-007 and REP6-008
43	Annex L: Landscape and Ecology Management Plan	Para. 1.10.46 to 1.10.51 and 1.10.56	ExA	In Action 2 arising from Issue Specific Hearing 3 30/09/21 which requested a meeting and joint position statement between the Applicant, the Local Authorities and Natural England, the result of the meeting were recorded in Joint Position Statement [REP4-034] and transferred into the EMP.	Additional wetland information provided.	Deadline 6	REP6-007 and REP6-008
44	Annex L: Landscape and Ecology Management Plan	Table L-13	ExA	In Action 2 arising from Issue Specific Hearing 3 30/09/21 which requested a meeting and joint position statement between the Applicant, the Local Authorities and Natural England, the result of the meeting were recorded in Joint Position Statement [REP4-034] and transferred into the EMP.	New table on percentage components for grass species for EM8 plant mix.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
45	Annex L: Landscape and Ecology Management Plan	Table L-14	ExA	In Action 2 arising from Issue Specific Hearing 3 30/09/21 which requested a meeting and joint position statement between the Applicant, the Local Authorities and Natural England, the result of the meeting were recorded in Joint Position Statement [REP4-034] and transferred into the EMP.	New table on percentage components for flower species for EM8 plant mix.	Deadline 6	REP6-007 and REP6-008
46	Annex L: Landscape and Ecology Management Plan	Table L-15	ExA	In Action 2 arising from Issue Specific Hearing 3 30/09/21 which requested a meeting and joint position statement between the Applicant, the Local Authorities and Natural England, the result of the meeting were recorded in Joint Position Statement [REP4-034] and transferred into the EMP.	New table on percentage components for grass species for EP1 plant mix.	Deadline 6	REP6-007 and REP6-008
47	Annex L: Landscape and Ecology Management Plan	Table L-16	ExA	In Action 2 arising from Issue Specific Hearing 3 30/09/21 which requested a meeting and joint position statement between the Applicant, the Local Authorities and Natural England, the result of the meeting were recorded in Joint Position Statement [REP4-034] and transferred into the EMP.	New table for percentage components for flower species for EP1 plant mix.	Deadline 6	REP6-007 and REP6-008
48	Annex L: Landscape and Ecology Management Plan	References	National Highways	This update was made to aid the readability of the Plan, so references were available at the end of the Plan instead of compiled at the end of the EMP.	Reference list provided.	Deadline 6	REP6-007 and REP6-008

Ref	EMP Section or Annex	EMP Para ref or Table ref.	Consultee	Comments from consultee (Rationale for the change)	Change made	Deadline submitted	EMP Version
49	Annex Q: Travel Plan	New Annex	National Highways	An outline travel plan was produced and secured as an annex of the EMP. This was to give the examination clarity around the travel modes which would be used for construction operatives.	New Annex provided.	Deadline 6	REP6-007 and REP6-008
50	Annex R: Borrow Pits Management Plan	New Annex	National Highways	A borrow pit management plan has been compiled and secured as an annex of the EMP, to give the ExA an overview of the mitigation proposed within the EMP to mitigate for the use of borrow pits.	New Annex provided.	Deadline 6	REP6-007 and REP6-008