
LYCHGATE LANE, ASTON FLAMVILLE

Proposed Site Access – A

Road Safety Audit - Stage 2

Final Report

January 2025

TBL19/518

REPORT APPROVAL

Project Details

Project Title	Lychgate Lane, Aston Flamville		
Project Subtitle	Proposed Site Access – A		
Road Safety Audit	Stage 2		
Document Reference	TBL19/518	Audit Brief Date	17 th January 2025
Overseeing Organisation	Leicestershire County Council		
Design Organisation	Joanna Gunn	Senior Consultant (Transport) - RPS	
Client	-	Elgin Energy Esco Ltd	
Maintaining Agent Details	-	-	

Approvals

This document requires the following approvals:

Name	Title
Sarah Bowie	Audit Team Leader
Mario Gatti	Audit Team Member

Distribution

This document has also been distributed to:

Name	Title & Organisation
Joanna Gunn	Senior Consultant (Transport) - RPS

1 INTRODUCTION

1.1 The Scheme and its Purpose

This report results from a Stage 2 Road Safety Audit (RSA) carried out on the proposed development site located on land to the north and south of Lychgate Lane, Aston Flamville, Leicestershire.

The proposals are associated with a new solar farm and proposes access to two land parcels – with access provided via Access A to the north & Access B to the south of Lychgate Lane.

This Stage 2 RSA relates to the proposals associated with Access A only.

There is an existing field access at the southernmost point of the field. The proposals are to upgrade this existing field access to provide access to a solar park, rather than create a new access.

The existing field access will be upgraded to enable access for construction staff and articulated HGVs to access the site for the purposes of constructing a solar park. The access will cater for a temporary construction period only (4 months), after which there would be no regular movements through the accesses, with maintenance vehicles only visiting the site between once per month to once per quarter.

1.2 Terms of Reference & Audit Report

The Road Safety Audit Brief was approved and issued by Joanna Gunn of the Design Organisation on behalf of the Overseeing Organisation. The RSA team has been approved by the Overseeing Organisation.

Table 1 - Audit Team Membership

Membership	Name	Details
Audit Team Leader	Sarah Bowie	IEng MICE FIHE MCIHT MSoRSA HE RSA Cert Comp
Audit Team Member	Mario Gatti	BSc Civ Eng MCIHT MSoRSA HE RSA Cert Comp

The Road Safety Audit was undertaken in accordance with the requirements of GG 119. No additional audit requirements were requested. The audit comprised of an examination of the brief and the documents provided to the Audit Team, listed in **Appendix A**.

The audit took place at Taylor Bowie Ltd Cambridgeshire office during January 2025 and both Audit Team Members examined the site together in daylight hours on the morning of Friday 24th January 2025 between the times of 1030 and 1130hrs. The weather during the site visit was cold and sunny. The carriageway was damp. Traffic flows at all times within the site extents were very light. One pedestrian and no cyclists were observed during the site visit.

The scheme has been examined, and this report compiled only on the road safety implications of the scheme as presented and has not examined or verified the compliance of the designs to any other criteria.

No Departures from Standards (DfS) have been provided to the Audit Team. It is important that if there are any DfS, then they are submitted to the Overseeing Organisation (OO) as soon as possible with appropriate mitigating measures for the OO to approve.

All Problems and Recommendations are referenced to the design drawings and the locations have been indicated on the A4 plan supplied for use by the Audit Team in **Appendix B** (where applicable).

1.3 Audit Administration

Issues identified during the audit and site visit which the Terms of Reference exclude from this report, but which the audit team wishes to draw to the attention of the Overseeing Organisation, will be set out in a separate letter. These issues could include maintenance items and operational issues.

The Audit Team has not identified any issues during this Stage 2 Road Safety Audit and site visit that are considered to be outside the Terms of Reference.

2 ITEMS RAISED AT PREVIOUS ROAD SAFETY AUDITS

2.1 Stage 1 RSA – September 2023

The safety aspects of the Lychgate Lane, Aston Flamville – Proposed Site Access A were the subject of comment in the September 2023 Stage 1 RSA undertaken by Taylor Bowie Ltd.

A Designers Response to the September 2023 Stage 1 Road Safety Audit has not been supplied to the Audit Team.

The Stage 1 Road Safety Audit raised one problem:

PROBLEM	1
Location	Proposed development site access junction (Drwg No. JNY11245-02 Rev A)
Summary	Loss of control type collision into the adjacent ditch.
The site visit has established that the proposed development access arrangement appears to be located immediately adjacent to an existing ditch. The scheme drawings provided do not highlight any proposals for dealing with the level difference or the drainage at this location. This may increase the risk of single vehicle loss of control type collisions with vehicles ending up within the ditch. This is particularly pertinent to the type of vehicles that will be using the access junction.	
RECOMMENDATION	
The Audit Team recommend that at the next stage of audit, proposals are included to remove the issue of vehicles losing control into the ditch.	

Audit Team Review: the proposals remove this safety concern.

3 ITEMS RAISED AT THIS STAGE 2 ROAD SAFETY AUDIT

3.1 Local Alignment

No Problems identified in this category at this Stage 2 Road Safety Audit.

3.2 General

No Problems identified in this category at this Stage 2 Road Safety Audit.

3.3 Junctions

PROBLEM	1
Location	Existing access junction
Summary	Reduced visibility splay may increase the risk of vehicle pull out type collisions.
Whilst a visibility splay is not indicated on the scheme drawings for this junction, the site visit has established that the achievable visibility splay when looking to the right from the junction may be impacted upon by the proposed 'WORKS ACCESS' signing on the westbound approach. A lack of visibility may increase the risk of pull out type collisions.	
RECOMMENDATION	
The Audit Team recommend that the achievable visibility splay is not compromised.	

3.4 Walking, Cycling and Horse Riding

No Problems identified in this category at this Stage 2 Road Safety Audit.

3.5 Traffic Signs, Carriageway Markings and Lighting

No Problems identified in this category at this Stage 2 Road Safety Audit.

END OF PROBLEMS IDENTIFIED & RECOMMENDATIONS OFFERED IN THIS STAGE 2 ROAD SAFETY AUDIT

4 AUDIT TEAM STATEMENT

We certify that this Road Safety Audit has been carried out in accordance with GG 119.

AUDIT TEAM LEADER	
Name	Sarah Bowie - IEng MICE FIHE MCIHT MSoRSA HE RSA Cert Comp
Signed	
Position	Director
Organisation	Taylor Bowie Ltd
Date	31 st January 2025

AUDIT TEAM MEMBER	
Name	Mario Gatti - BSc Civ Eng MCIHT MSoRSA HE RSA Cert Comp
Signed	
Position	Associate Consultant
Organisation	Taylor Bowie Ltd
Date	31 st January 2025

APPENDIX A

Documents Forming the Audit Brief

Drawings:

DRAWING NO.	TITLE
RPS-HMK-XX-DR-HE-100-1000	Proposed Layout
RPS-HMK-XX-DR-HE-100-1010	Proposed Geometry
RPS-HMK-XX-DR-HE-100-1050	Proposed Longsections
RPS-HMK-XX-DR-HE-100-1060	Proposed Tracking
RPS-HKF-XX-DR-HE-700-1030	Proposed Construction Makeup
RPS-HKF-XX-DR-HE-1100-1020	Proposed General Arrangement
RPS-HMK-XX-DR-HE-1200-1040	Proposed Signage & Road Markings Sheet 1 of 2
RPS-HMK-XX-DR-HE-1200-1040	Proposed Signage & Road Markings Sheet 2 of 2

Documents/Data:

TBL – Lychgate Lane, Aston Flamville – Proposed Site Access A – RSA1 – September 2023 – TBL19/366

APPENDIX B

Problem Location Plan

Taylor Bowie Ltd

ROAD SAFETY & TRANSPORTATION CONSULTANCY

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