

Westbound Carriageway

- 2.26 In general, the westbound carriageway Sharnford Road is in good condition, and is reasonably trafficked as it allows for travel between Burbage and Sharnford. There are some consistent patterns of damage on the edges of the tarmac which run parallel to the edge of carriageway. These are consistent with those shown on the eastbound lane analysis. Where there are sections with no kerbing on the edges of the carriageway, the surface is 'rolled' to the verges. When heavy traffic travels close to the edge, break up and wear can occur at the haunches.
- 2.27 It should be noted that the photos contained within the report are not an exhaustive list of the defects and carriageway condition; however, this report details the key areas of carriageway damage. Additional photographs and video footage is also available to supplement the information set out within the report and will be made available to LCC.
- 2.28 An analysis of the Westbound Lane of Sharnford Road and Aston Lane is detailed in **Figures 97 to 117**.

Figure 97: General Carriageway Condition 2.2km east of Lychgate Lane Junction



Figure 98: Carriageway Patching 2.2km east of Lychgate Lane Junction 2.1km east of Lychgate Lane Junction



Figure 99: Drain Condition 2.1km east of Lychgate Lane Junction



Figure 100: General Carriageway Condition East of Lychgate Lane Junction



Figure 101: Small Tarmac Defects 1.6km east of Lychgate Lane Junction



Figure 102: Small Carriageway Defects 1.4km east of Lychgate Lane Junction



Figure 103: Edge of Carriageway Tarmac Damage 1.4km east of Lychgate Lane Junction



Figure 104: Damage to Grass Verge from Agricultural Vehicles 1.35km East of Lychgate Lane Junction



Figure 105: General Carriageway Condition 950-1000m East of the Lychgate Lane Junction



Figure 106: General Carriageway Condition 750m East of the Lychgate Lane Junction



Figure 107: Transverse Cracks 750m East of the Lychgate Lane Junction



Figure 108: Damage to Edge of Carriageway 725m East of Lychgate Lane Junction



Figure 109: Damage to Edge of Carriageway 700m East of Lychgate Lane Junction



Figure 110: Damage to Edge of Carriageway 450m East of Lychgate Lane Junction



Figure 111: Small Defect in Tarmac 400m East of the Lychgate Lane Junction



Figure 112: General Carriageway Condition 400m East of the Lychgate Lane Junction



Figure 113: General Carriageway Condition 375m East of the Lychgate Lane Junction



Figure 114: General Carriageway Condition 170m East of the Lychgate Lane Junction



Figure 115: General Carriageway Condition 90m East of the Lychgate Lane Junction



Figure 115: General Carriageway Condition 60-70m East of the Lychgate Lane Junction



Figure 116: General Carriageway Condition 60-70m East of the Lychgate Lane Junction



Figure 117: General Carriageway Condition Immediately East of the Lychgate Lane Junction. Defects Visible Within Tarmac.



3 CONDITION AND CONCLUSIONS

- 3.1 RPS Consulting Services Ltd has been instructed by Elgin Energy EsCo Ltd to undertake a pre-commencement road survey to determine the condition of Lychgate Lane and Sharnford Road and Aston Lane, southeast of Hinckley, Leicestershire, in advance of the construction of the Aston Flamville Solar development.
- 3.2 Lychgate Lane, Sharnford Road and Aston Lane are 'C' class rural lanes that are lightly trafficked from local residential traffic and agricultural use. The methodology and scope of study area was agreed with LCC prior to the survey being undertaken.
- 3.3 To undertake the pre-commencement road condition survey, a site visit, photographic and video survey of the road was undertaken on the 22nd of October 2024. The weather conditions were dry and clear. This report provides a summary of the key issues identified on the day of the survey, and all photos will be made available to LCC
- 3.4 This report addresses the visual aspects of the road condition only. No intrusive testing or survey work has been undertaken to inform this report.
- 3.5 Lychgate Lane has consistent patterns of minor surface level damage along its length, particularly at the M69 motorway bridge where there are consistent transverse tracks along its length. The kerbing is frequently obscured by vegetation encroachment and leaf litter where there are trees and hedgerow within the vicinity of the grass verge.
- 3.6 On Lychgate Lane, there are consistent patterns of carriageway patching, particularly on the edges of the carriageway. Where there are sections with no kerbing on the edges of the carriageway, the surface is 'rolled' to the verges. When heavy traffic travels close to the edge, break up and wear can occur at the haunches.
- 3.7 Sharnford Road and Aston Lane have small sections where there is damage to the tarmac on the edge of the carriageway, typically where there is no kerbing present.
- 3.8 A 2nd Highway Condition Survey will be undertaken upon completion of the construction and will identify any changes to the road condition.

Appendices

Appendix 1 – LCC Correspondence for Survey Methodology

From: [Gunn, Joanna](#)
To: [Ben T Dutton](#)
Cc: [O'Neill, Emma](#); [Innes, Daniel](#); [Claire Bass](#); [NetworkManagement](#)
Subject: FW: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane
Date: 17 October 2024 09:51:54
Attachments: [image002.png](#)
[image003.png](#)
[image005.png](#)
[JNY11245-04 Aston Flamville Technical Note.pdf](#)

Hi Ben,

Just tried giving you another call this morning. I can see Claire is out of office at the minute, but are you able to confirm the previously agreed construction access route, via the B4114, Aston Lane and Lychgate Lane with traffic management measures in place (detailed on the attached), is suitable for construction traffic please.

We are scheduling the highway condition survey to be undertaken early next week. Our previous CTMP and Technical Note has been undertaken on the basis of all construction HGVs to / from the east via the B4114, Aston Lane and Lychgate Lane, so we will proceed with undertaking a highway condition survey of this access route unless advised otherwise.

Kind regards,
Joanna

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From: Gunn, Joanna
Sent: Tuesday, October 15, 2024 9:04 AM
To: Claire Bass <Claire.Bass@leics.gov.uk>
Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Innes, Daniel <Daniel.Innes@rps.tetrattech.com>; Ben T Dutton <Ben.Dutton@leics.gov.uk>
Subject: RE: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

Hi Claire, thanks for getting back to me.

With regard to the access route, we previously submitted a Transport Statement (dated October 2022) which contained an Access Strategy. The TS considered multiple access routes which included two via Burbage (via Coventry Road, or the B578 Lutterworth Road) as well as from the northwest (via Aston Lane) in addition to routeing from the southeast (via Sharnford Road). We determined that by using the B4114 / Aston Lane access route to access both parcels of the site, HGVs will maximise the distance covered on classified roads as the B4114 routes from the A5. It would also avoid the on-street parking and sensitive receptors along Coventry Road or the B578.

We also submitted a Technical Note to LCC (report dated 4th January 2024 – see attached) upon receipt of comments from LCC Highways, who required more information on the access route and traffic management measures to be implemented. The Technical Note was produced specifically to address comments raised by LCC dated 13th November 2023 in response to the updated TS and CTMP submitted in October 2023.

The Technical Note also detailed the Lychgate Lane / Hinckley Road (Aston Lane) Junction Traffic Management, undertook swept paths of 16.5m articulated HGVs travelling through the Lychgate Lane / Hinckley Road (Aston Lane) junction, and along Lychgate Lane to the site entrances.

Our access designs only allow for construction HGVs to and from the east as we had agreed that no construction HGVs would travel through Burbage.

The application was granted planning consent based upon the previously submitted documents, which includes our CTMP and also our access designs.

On the basis of the above, we will retain the current access route which is via the B4114, Aston Lane and Lychgate Lane, with traffic management measures in place.

I've attached the Technical Note we submitted earlier this year. If you have any comments on some of the traffic management measures proposed within the Note, if you could provide your feedback it would be much appreciated.

Kind regards,
Joanna

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From: Claire Bass <Claire.Bass@leics.gov.uk> **On Behalf Of** NetworkManagement
Sent: Friday, September 27, 2024 10:20 AM
To: Gunn, Joanna <Joanna.Gunn@rps.tetrattech.com>
Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Innes, Daniel <Daniel.Innes@rps.tetrattech.com>; Ben T Dutton <Ben.Dutton@leics.gov.uk>
Subject: RE: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

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Good morning

From what we have assessed from a Network Management perspective is that there are 2 potential available routes for your construction traffic, whilst Leicestershire County Council will not recommend a route, we will provide comments and raise any concerns. Ultimately, it is your responsibility to ensure the necessary and relevant risk assessments have taken place and that the required mitigation is put into place, consulting with LCC where required.

Previous comments made with regard to your proposed route were as follows:

- Lychgate Lane, both Burbage and Aston Flamville ends are subject to a 7.5t weight restriction, however as usual, access will be permitted if making deliveries etc.
- Your proposed route via the Aston Flamville end (Sharnford Road) does not have any provision for pedestrians and is used by dog walkers. What mitigation will be put in place to minimise any risk to other road users?
- There is also no kerb line separating the carriageway and verge/residents properties, what mitigation will be put in place to prevent vehicles from mounting the verge and or residents front gardens/driveways etc.
- This is a narrow section of road, what provision will be put in place when meeting oncoming vehicles as there are no passing places. Vehicles can not be expected to reverse back onto the Sharnford Road/Hinckley Road.

With regard to the other potential available route via Church Lane, Burbage

- This section of Lychgate Lane is wider
- It also benefits from having a footway (in parts)
- There is a visible kerb line separating the carriageway from the footway/verge
- Church Lane, Burbage is a HGV and bus route

Kind regards

Claire Bass

Network Coordinator – Blaby Area

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Please consider the environment before printing this email. Thank you

For roadworks in Leicestershire see <https://one.network> the new name for roadworks.org



From: Gunn, Joanna <Joanna.Gunn@rps.tetrattech.com>

Sent: Thursday, September 26, 2024 9:33 AM

To: NetworkManagement <networkmanagement@leics.gov.uk>; Ben T Dutton <Ben.Dutton@leics.gov.uk>

Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Innes, Daniel <Daniel.Innes@rps.tetrattech.com>

Subject: FW: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Hello,

Could you please advise as to whether the construction access route as set out within the TS and CTMP is suitable?

We are looking at discharging conditions 15 (updated CTMP) and Condition 26 (pre-commencement and post-construction highway dilapidation survey of Lychgate Lane, along the agreed construction traffic route).

Condition 15 states that the updated CTMP will include full details of construction site access / egress management arrangements; and construction traffic routing, including details of any traffic management measures proposed. On this basis, we need the route agreed before we can update the CTMP and undertake the highway conditions survey.

I spoke to Clare at Blaby District Council earlier this week who advised she would speak to you Ben. If you're able to discuss and provide feedback, it would be much appreciated.

Kind regards,
Joanna

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From: Gunn, Joanna
Sent: Friday, September 20, 2024 2:39 PM
To: networkmanagement@leics.gov.uk
Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Innes, Daniel <Daniel.Innes@rps.tetrattech.com>; Ben T Dutton <Ben.Dutton@leics.gov.uk>
Subject: FW: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

Hello,

Could you advise as to whether the construction access route as set out within the TS and CTMP is suitable please? We are looking to seek agreement on the routeing so we can undertake the highway condition surveys as soon as possible, ideally by the end of this month.

If you need to run through the proposed route or you need further details, please give me a call on 01235 432 177 and I'll be happy to assist.

Kind regards,
Joanna

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From: Gunn, Joanna
Sent: Monday, September 16, 2024 8:32 AM
To: networkmanagement@leics.gov.uk
Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Innes, Daniel <Daniel.Innes@rps.tetrattech.com>; Ben T Dutton <Ben.Dutton@leics.gov.uk>
Subject: FW: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

Hello,

Following on from my previous email, could you advise as to whether the construction access route as set out within the TS and CTMP is suitable please?

Kind regards,
Joanna

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From: Gunn, Joanna
Sent: Tuesday, September 10, 2024 8:09 AM
To: networkmanagement@leics.gov.uk
Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Innes, Daniel <Daniel.Innes@rps.tetrattech.com>; Ben T Dutton <Ben.Dutton@leics.gov.uk>
Subject: FW: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

Hi,

Just following on from my earlier email, have you had an opportunity to review our proposal, and could you advise as to whether the construction access route as set out within the TS and CTMP is suitable, and any additional information you may require please?

Kind regards,
Joanna

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From: Gunn, Joanna <Joanna.Gunn@rps.tetrattech.com>
Sent: Thursday, August 29, 2024 2:46 PM
To: networkmanagement@leics.gov.uk
Cc: O'Neill, Emma <Emma.Oneill@rps.tetrattech.com>; Ben T Dutton <Ben.Dutton@leics.gov.uk>
Subject: FW: Planning Application Reference: 22/0048/FUL: Solar Development at Lychgate Lane

Hi,

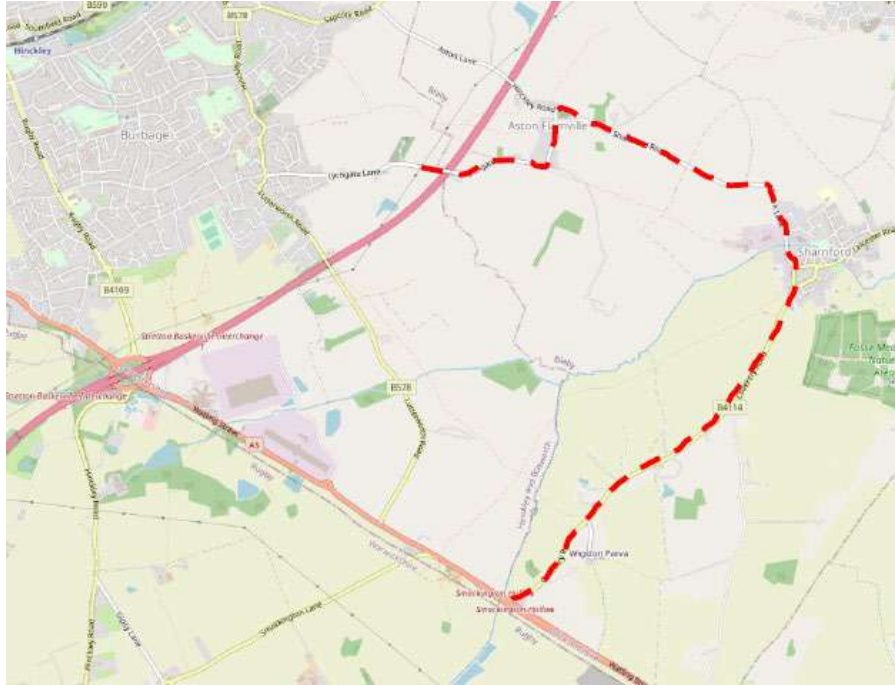
I've been advised to get in contact with regard to discharging the conditions for Blaby District Council Planning Application Reference: 22/0048/FUL.

We are looking at discharging conditions 15 (updated CTMP) and Condition 26 (pre-commencement and post-construction highway dilapidation survey of Lychgate Lane, along the agreed construction traffic route).

Condition 15 states that the updated CTMP will include full details of construction site access / egress management arrangements; and

It should be noted that we submitted a Transport Statement and a CTMP in support of the planning application, which detailed that the construction access route would be via the B4114, Sharnford Road and Lychgate Lane. I've attached an extract below which shows this route.

Kind regards
Joanna



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