

Capricorn Transport Planning



**BLOOR HOMES**

**PROPOSED RESIDENTIAL DEVELOPMENT  
LAND WEST OF NORMANDY WAY, HINCKLEY**

**SECTION 278 WORKS – SITE ACCESS:  
STAGE 1 ROAD SAFETY AUDIT RESPONSE REPORT**

| Transportation Planning | Traffic Engineering | Sustainable Travel | Road Safety  
|

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[www.capricorn-tp.co.uk](http://www.capricorn-tp.co.uk)

# Capricorn Transport Planning

*Transport Planning  
Traffic Engineering  
Sustainable Travel  
Road Safety*

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| <b>Date</b> | <b>Revision</b> | <b>Description</b> | <b>Prepared</b> | <b>Checked</b> | <b>Approved</b> |
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## 1.0 PROJECT DETAILS

| Project Details                         |                                                                               |
|-----------------------------------------|-------------------------------------------------------------------------------|
| <b>Report Title:</b>                    | Section 278 Works – Site Access:<br>Stage 1 Road Safety Audit Response Report |
| <b>Date:</b>                            | 11/08/2023                                                                    |
| <b>Document reference and revision:</b> | C21021-RSARR1-01                                                              |
| <b>Prepared by:</b>                     | Capricorn Transport Planning Ltd                                              |
| <b>On behalf of:</b>                    | Bloor Homes                                                                   |

| Authorisation Sheet  |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| <b>Project:</b>      | Land West of Normandy Way, Hinckley                                                 |
| <b>Report title:</b> | Section 278 Works – Site Access:<br>Stage 1 Road Safety Audit Response Report       |
| <b>Prepared by:</b>  |                                                                                     |
| Name:                | Sean McGregor                                                                       |
| Position:            | Director                                                                            |
| Signed:              |   |
| Organisation:        | Capricorn Transport Planning Ltd.                                                   |
| Date:                | 11/08/2023                                                                          |
| <b>Approved by:</b>  |                                                                                     |
| Name:                | Sean McGregor                                                                       |
| Position:            | Director                                                                            |
| Signed:              |  |
| Organisation:        | Capricorn Transport Planning Ltd.                                                   |
| Date:                | 11/08/2023                                                                          |

## **2.0 INTRODUCTION**

- 2.1.1 The development site is located to the west of the A47 Normandy Way and forms part of a larger residential scheme that is currently being implemented. The larger scheme is served by the recently-constructed Normandy Way/Greenfinch Road roundabout and will eventually provide 850 residential dwellings, a new primary school, a retail area and other ancillary land uses.
- 2.1.2 The additional development will provide a further 158 dwellings to the north-west of the Normandy Way/Roston Drive roundabout. Access will be from the western arm of this roundabout, which currently serves the Triumph Motorcycles factory. This route will be realigned and extended into the site to connect with the current development spine road, resulting in the entire Normandy Way development being served from two locations. A new simple site has a simple junction access to the Triumph factory will be provided from the realigned spine road.
- 2.1.3 Normandy Way is a non-primary Class A single carriageway road that provides an orbital route on the west and north-sides of Hinckley, connecting the A5 at Dodwell's Island to the south with Leicester, via Earl Shilton. The highway authority is Leicestershire County Council (LCC).
- 2.1.4 The scheme to be audited comprises the site access arrangements described above and a new foot/cycleway along the north side of Roston Drive to connect with a new "Toucan" crossing of Normandy Way north of the roundabout. This would link the development with the existing pedestrian and cycle facilities on the east side of Normandy Way, which form part of the available routes to Hinckley town centre. Minor adjustments to kerb-line and road markings at the Roston Drive entry to the roundabout would also be undertaken.
- 2.1.5 A Stage 1 Road Safety Audit (RSA) was undertaken by Waterman Aspen in August 2023, which resulted in a Stage 1 Road Safety Audit Report (report reference: SA 4197B).
- 2.1.6 Capricorn Transport Planning Ltd is the Design Organisation for the site access works and prepared the preliminary design drawings that form the subject of the Stage 1 RSA.

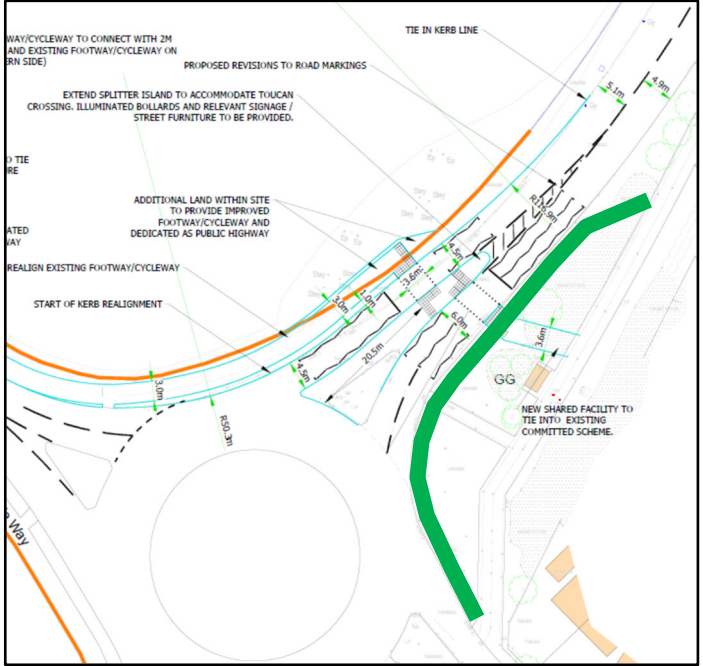
### **3.0 KEY PERSONNEL**

|                                 |                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Overseeing Organisation:</b> | <b>Nottinghamshire County Council</b>                                                               |
| <b>RSA Team:</b>                | <b>Waterman Aspen</b><br>Adrian Dawson<br>Audit Team Leader<br><br>Liam Bourne<br>Audit Team Member |
| <b>Design Organisation:</b>     | <b>Capricorn Transport Planning Ltd</b><br>Sean McGregor                                            |

## **4.0 ROAD SAFETY AUDIT DECISION LOG**

### **4.1 RSA Problems**

|                                         |                                                                                                                                                                                                                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RSA problem</b>                      | <b>6.1</b><br>There is an existing Advanced Direction Sign on the verge on this arm of the roundabout, where the drawings suggest a new footway will be located. The ADS is relatively low on one side and, if this remains, then pedestrians may collide with the sign. |
| <b>RSA recommendation</b>               | It is recommended that the sign is raised.                                                                                                                                                                                                                               |
| <b>Design Organisation response</b>     | Accepted. Scope for raising and/or repositioning of the ADS to avoid conflict with pedestrian/cycle movement will be discussed with LCC and proposals indicated on the detailed design drawings.                                                                         |
| <b>Overseeing Organisation response</b> |                                                                                                                                                                                                                                                                          |
| <b>Agreed RSA action</b>                |                                                                                                                                                                                                                                                                          |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RSA problem</b>                      | <p><b>6.2</b></p> <p>The proposed link will lie adjacent to an existing gas governor. Pedestrians and cyclists emerging from the crossing may not be able to see cyclists approaching, possibly at speed, and may step in front, risking a collision.</p>                                                                                                                                                                                                                                                                                                                          |
| <b>RSA recommendation</b>               | <p>It is recommended that the link is sited so that there is appropriate visibility.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Design Organisation response</b>     | <p>Accepted. This issue also affects the existing footpath link that emerges on the south side of the gas governor. It is proposed that the footway/cycleway will be diverted to run adjacent to the kerb-line of Normandy Way/Roston Drive as illustrated below. The links would no longer be required, avoid obstruction of pedestrian and cyclist visibility splays by the gas governor.</p>  <p>If this is acceptable to LCC, the design drawings will be amended as illustrated above.</p> |
| <b>Overseeing Organisation response</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Agreed RSA action</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                                         |                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RSA problem</b>                      | <b>6.3</b><br>There is considerable vegetation on the south-west bound approach to the proposed crossing. This may obscure visibility for pedestrians/cyclists waiting to cross, and of the signal head for drivers. If drivers cannot see either pedestrians/cyclists or the signal head, then they may not be prepared to stop and a collision may result. |
| <b>RSA recommendation</b>               | It is recommended that the vegetation is cut back and adequately maintained in the future.                                                                                                                                                                                                                                                                   |
| <b>Design Organisation response</b>     | Accepted. Visibility splays to the crossing and its signal aspects will be provided in accordance with LHDG standards. Details of visibility splay areas to be kept clear of obstruction and the vegetation to be reduced will be provided as part of the detailed design package.                                                                           |
| <b>Overseeing Organisation response</b> |                                                                                                                                                                                                                                                                                                                                                              |
| <b>Agreed RSA action</b>                |                                                                                                                                                                                                                                                                                                                                                              |

|                                         |                                                                                                                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RSA problem</b>                      | <b>6.4</b><br>The roundabout has considerable vegetation on the central island. This may reduce forward visibility of queueing vehicles at the proposed crossing and this may in turn result in rear shunt collisions. |
| <b>RSA recommendation</b>               | It is recommended that appropriate visibility is afforded, which takes into account vehicles that may be queueing at the crossing.                                                                                     |
| <b>Design Organisation response</b>     | Accepted. Details of the visibility splay areas to be kept clear of obstruction and the vegetation to be reduced will be provided as part of the detailed design package.                                              |
| <b>Overseeing Organisation response</b> |                                                                                                                                                                                                                        |
| <b>Agreed RSA action</b>                |                                                                                                                                                                                                                        |

## 5.0 DESIGN AND OVERSEEING ORGANISATION STATEMENTS

| Design Organisation statement                                                                                                                                                                                                                |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>On behalf of the design organisation I certify that:</b><br><b>1) the RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the Overseeing Organisation.</b> |                                                                                   |
| Name:                                                                                                                                                                                                                                        | Sean McGregor                                                                     |
| Signed:                                                                                                                                                                                                                                      |  |
| Position:                                                                                                                                                                                                                                    | Director                                                                          |
| Organisation:                                                                                                                                                                                                                                | Travis Baker Transport Planning Ltd.                                              |
| Date:                                                                                                                                                                                                                                        | 11/08/23                                                                          |

| Overseeing Organisation statement                                                                                                                                                                                                                                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>On behalf of the Overseeing Organisation I certify that:</b><br><b>1) the RSA actions identified in response to the road safety audit problems in this road safety audit have been discussed and agreed with the design organisation; and</b><br><b>2) the agreed RSA actions will be progressed.</b> |  |
| Name:                                                                                                                                                                                                                                                                                                    |  |
| Signed:                                                                                                                                                                                                                                                                                                  |  |
| Position:                                                                                                                                                                                                                                                                                                |  |
| Organisation:                                                                                                                                                                                                                                                                                            |  |
| Date:                                                                                                                                                                                                                                                                                                    |  |

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