

Technical Note 4

Project Number: T22523
Project: Land at Cliffe Hill Farm, Markfield
Title: Response to LHA Consultation Comments
Date: 8th January 2026
Prepared By: JP
Revision: B

Floor 1B
 4 Temple Row
 Birmingham
 B2 5HG

Background

- 1.1 Hub Transport Planning Ltd has been commissioned by Caddick Land to provide access advice for a proposed commercial development on land at Cliffe Hill Farm, Markfield.
- 1.2 This technical note provides a response to issues raised by Leicestershire County Council as the Local Highway Authority (LHA), in their substantive response dated 4th December 2025.
- 1.3 Each of the issues raised has been addressed under the same heading as the LHA's consultation response for ease of reference.

Site Access Design

- 1.4 The LHA has raised the issue of the radius of the bend at the end of the auxiliary lane being 20m and has requested 25m in accordance with DMRB CD123 Para 5.6.5.
- 1.5 In response to this request, Para 5.6.5 subsection 2) states that the diverge corner radii should be "a minimum of 20 metres at the end of the diverge taper/auxiliary lane where the major road design speed is 85 kph".
- 1.6 As such, we consider that the previously proposed 20m radius at the end of the auxiliary lane meets the requirement of DMRB here; however, we have updated the drawing to provide a 25m radius on the basis that the diverge lane passes through the existing change in speed limit between 85kph and the national speed limit section of the A50 here.
- 1.7 Therefore, the 25m radius requested by the LHA is considered to be a reasonable compromise.
- 1.8 The LHA has also requested that "The following geometric design parameters for the roundabout should be shown on a revised drawing, in accordance with DMRB CD116; Central Island Diameter, Effective Flare Length, Entry Angle, Entry Kerb Radius, Visibility Approaching the Roundabout, Entry Path Radius."
- 1.9 The updated site access design is shown on drawing **T22523.001 rev I** and provides all of the LHA's requested information.
- 1.10 This includes the exit width that has been amended in accordance with DMRB CD116.

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Shared Use Cycleway Provision

- 1.11 The LHA has stated that *“Local Transport Note (LTN) 1/20 requires an additional separation width to be provided between the cycleway and the carriageway in accordance with Table 6-1. This will therefore need to be detailed by the Applicant on a revised drawing.”*
- 1.12 In response to the above request, Table 6-1 is reproduced below:

Table 6-1: Minimum recommended horizontal separation between carriageway and cycle tracks*

Speed limit (mph)	Desirable minimum horizontal separation (m)	Absolute minimum horizontal separation (m)
30	0.5	0
40	1.0	0.5
50	2.0	1.5
60	2.5	2.0
70	3.5	3.0

*Separation strip should be at least 0.5m alongside kerbside parking and 1.5m where wheelchair access is required.

- 1.13 As shown by the table, for a 30mph speed limit, whilst the desirable minimum horizontal separation is 0.5m, the absolute minimum is 0m.
- 1.14 On the basis that the highway network within the site will be kept private, and is expected to be subject to a 20mph speed limit across the estate (not the minimum 30mph noted above), we do not consider it necessary to provide an additional separation width within the design.

Farm Access/Egress

- 1.15 The LHA has requested that the drawing is updated to confirm that the existing farm access/egress will be removed.
- 1.16 As such, a note has been added to drawing **T22523.001 rev I** to confirm that this will be the case.

Whitwick Road Egress

- 1.17 The LHA has raised a concern that *“vehicles waiting at the Cottage Lane junction would impede on the visibility splays for the proposed access, and vice-versa. This should therefore be given further consideration by the Applicant.”*
- 1.18 We have considered the LHAs concern regarding the potential interaction of these two junctions.
- 1.19 In terms of the visibility from the proposed egress junction to the north (past Cottage Lane); the new junction sits some 3.0m above Cottage Lane, and Whitwick Road itself also rises well above the Cottage Lane further north.
- 1.20 As such, the visibility splay from a vehicle at the proposed egress junction (in the vertical plane) will be above any vehicle waiting at the Cottage Lane give-way line.

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- 1.21 Therefore, any vehicle waiting at Cottage Lane will not affect the visibility of a vehicle leaving the proposed development site.
- 1.22 In terms of the visibility from Cottage Lane to the south (past the proposed egress junction), it is important to note that although this is laid out as a junction with Whitwick Road, it serves two properties only, thus is effectively a private driveway and should be treated as such. There is no public vehicular access along Cottage Lane.
- 1.23 Whilst there would be some conflict in terms of visibility, it is worth highlighting the traffic count data from September 2023 which demonstrated that just two vehicles left Cottage Lane during the morning three-hour period (7-10am), and one vehicle left Cottage Lane during the evening three-hour period (4-7pm).
- 1.24 Therefore, the frequency of the conflict noted will be negligible and would require a vehicle leaving the proposed development at the exact same time as a vehicle leaves Cottage Lane which, given the negligible movements (even during peak hours) is considered extremely unlikely.
- 1.25 The visibility in the vertical plane is shown on Burrows Graham drawing 30206-BGL-XX-XX-SK-C rev P03 which is appended to this note as **Appendix B**.

Highway Safety

- 1.26 The LHA has noted that the PIC study area may need to be expanded following the Applicants modelling work.
- 1.27 This is noted and agreed in principle; we will revisit the PIC data once we have received and reviewed the modelling results.

PRTM Modelling

- 1.28 The LHA has noted that the PRTM modelling work has been commissioned and will be provided in due course.
- 1.29 As agreed with the LHA (and National Highways) we are progressing the PRTM modelling and will provide a further update once the results have been received and analysed.

Off-Site Implications

- 1.30 In respect of the proposed Toucan crossing arrangements on the A50, the LHA has noted that:

"Whilst the distances from the crossing points to the roundabout are therefore within guidance, the LHA would request consideration as to whether vehicles are likely to queue back to the roundabout given the location of the site. Furthermore the LHA requests clarity as to whether the signals could be linked with the roundabout. There is concern for example that the Toucan crossing may show a red signal, whilst the signals at the roundabout are on green and then vice versa, which would cause additional delays to drivers. Additionally, given this is a highly trafficked part of the network at a key junction, the LHA has concerns activation of the signals could cause queueing on the eastbound carriageway, which could result in traffic backing up on to the roundabout gyratory, particularly during peak times."
- 1.31 In response to the above, we are expecting that the Toucan crossing provision will be incorporated into the roundabout signals and linked accordingly; this will be shown in the modelling once we have received the PRTM results and the LHA has provided the requisite furnished traffic flows.

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- 1.32 In respect of the A50 Westbound On-Slip and junction improvements, the LHA has noted that
- “The reduction taper length for the slip road is shown as being at a 1 in 45 taper. This would be applicable for 85th percentile speeds of up to 50mph as per Traffic Signs Manual Chapter 5 Table 7-4. The Applicant is requested to confirm whether a speed survey has been obtained for this location justifying the use of the 1:45 taper. A speed survey is otherwise advised in order to demonstrate whether this would be acceptable.”*
- 1.33 A speed survey was undertaken to inform the design is included as **Appendix A** to this note; the observed 85th percentile speed was 41.8mph which is well below the 50mph threshold in respect of Table 7-4 of the Traffic Signs Manual Chapter 5.
- 1.34 At the western end of the slip road with the A50, the LHA has raised the following:
- “The LHA is concerned that there is insufficient forward visibility to the start of the slip road, for vehicles travelling westbound on the A50. Aerial photos suggest that there is currently around 140m SSD, obstructed by the existing dense vegetation. Although an existing problem, the LHA are concerned that this will be exacerbated by the significant increase in HGVs using the slip road. Forward visibility should therefore be demonstrated and, if necessary, a speed survey undertaken to demonstrate this would be appropriate.”*
- 1.35 In response to the above, it is worth noting that the amended slip road design moves the merge point for the slip road and westbound A50 traffic some 105m to the west of the existing location; the LHA has indicated that there is currently around 140 SSD (albeit obstructed by vegetation).
- 1.36 Drawing **T22523.006 rev B** shows the 105m offset between the current and proposed merge points.
- 1.37 We have also prepared drawing **T22523.009** which shows the forward visibility (from the centre of the nearside lane on the A50) to the start of the slip road both past the existing vegetation, and also the existing forward visibility past the existing vegetation to the current start of the slip road.
- 1.38 The former provides 232m forward visibility, compared to the 140m noted by the LHA; therefore, we consider that the 65% increase in available SSD more than offsets any impact arising from the additional HGV traffic on the slip road, particularly given the improvement to the slip road design itself with a significantly improved single lane merge in line with DMRB guidance.
- 1.39 In respect to the LHA’s request regarding the lay-by provision within the site, this is shown on our drawing **T22523.001 rev I**, just to the west of Unit 06 and opposite the foul pump station on the northern side of the egress road.
- 1.40 The updated egress junction is shown on drawing **T22523.004 rev F** and the overall highway works for the access, egress and slip road improvements are shown on drawing **T22523.008**.

Parking Provision

- 1.41 The LHA has noted that the parking provision for the site has assumed a 20%/80% split between B2/B8 uses.
- 1.42 The LHA has noted that *“Whilst the level of car parking for each unit is considered acceptable for B8 use, or if each unit was used with a split of 20% for B2 and 80% B8 use, the LHA consider if any unit was to be Solely for B2 use, there would be a considerable shortfall in parking provision for that unit against the*

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LHDG guidance. It is unclear whether overspill B2 parking from any individual unit could be accommodated at other units throughout the site.”.

- 1.43 The Applicant acknowledges the LHA's concerns and advises that the split is considered likely to be delivered for this site; however, should any unit be proposed with more than 20% B2 use, it is worth highlighting that the service yard area requirement would be significantly reduced, and it is therefore expected that the additional car parking could be delivered by utilising the service yard area that is no longer required.
- 1.44 In addition, the client would be willing to suggest an appropriate condition along the lines of “No more than 20% of the floor area of each unit hereby approved shall be brought into B2 use until an appropriate vehicle parking plan has been submitted, approved by the Local authority and implemented in full.”.

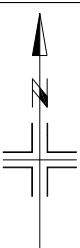
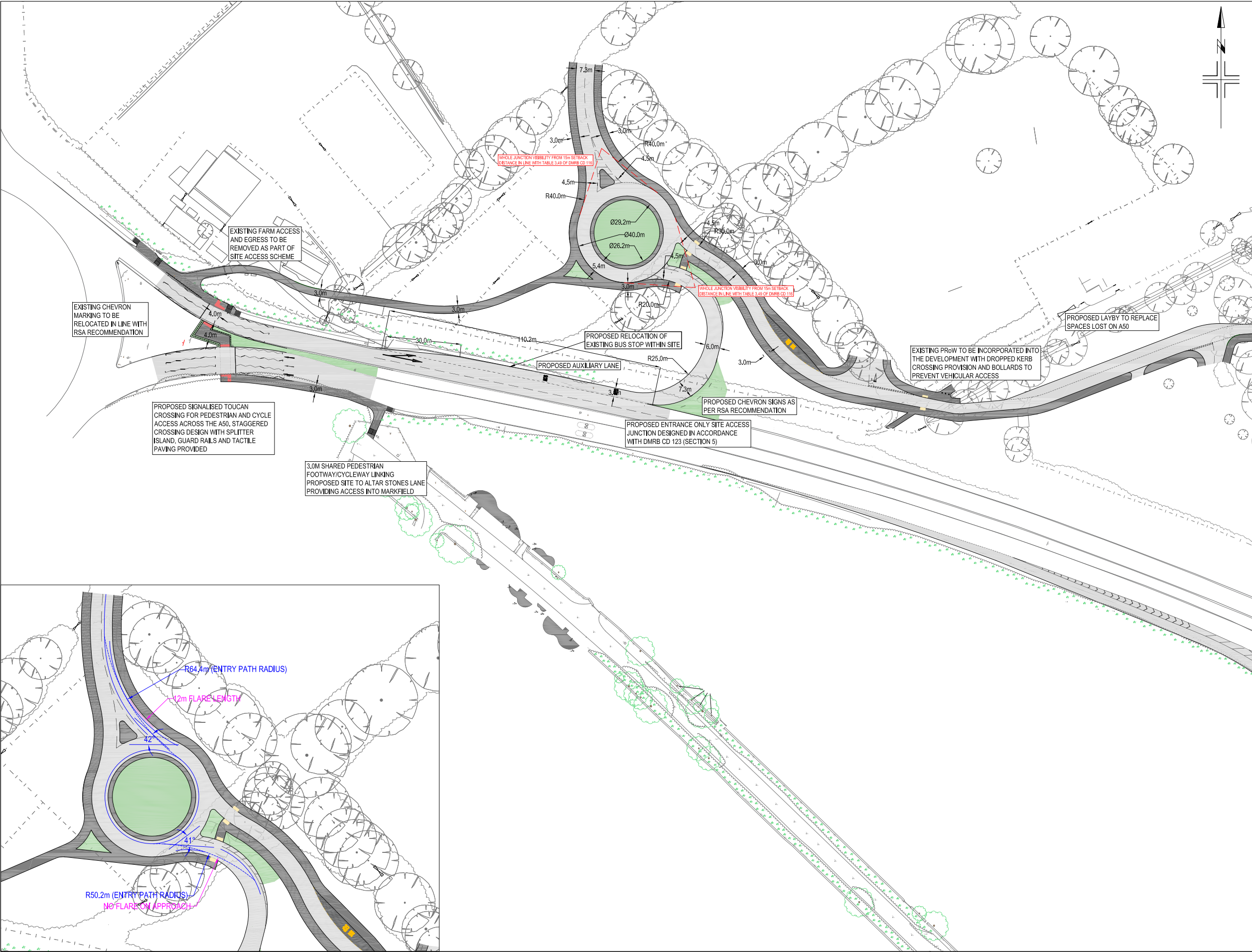
Transport Sustainability

- 1.45 It is noted that the LHA has raised issues regarding the Framework Travel Plan (FTP) and an updated FTP (revision D) is provided under separate cover to address those issues.
- 1.46 In terms of the specific point regarding the Arriva bus service diversion, the LHA has requested that “written correspondence is provided to evidence that Arriva are willing to re-route the service through the site along a private road.”.
- 1.47 The written correspondence from Arriva is included as **Appendix C** to this note and confirms their agreement in principle to the diversion of the existing eastbound bus service (no. 29/29A) into the site.

Public Rights of Way

- 1.48 The LHA has requested further clarification regarding the PRow (Footpath R1) which links the former through-route of Cottage Lane to the roadside of the A50 dual carriageway.
- 1.49 Drawing **T22523.001 rev I** shows a dropped kerb crossing of the internal egress road, with bollards proposed to prevent vehicular access along Cottage Lane; it is not considered appropriate to incorporate the full 10.5m dropped kerb width here on the basis that the proposals shown would restrict vehicular access (given the bollards alongside the full height kerb provision other than the dropped kerb width for the informal crossing point).
- 1.50 Technically there would be no restriction on any pedestrian being able to walk within the 10.5m wide corridor defined by the formal right of way for Footpath R1, other than the bollards to prevent the vehicular access; but in reality, pedestrians would utilise the connection shown and dropped kerb to cross the egress road before continuing to the A50.

Drawings



1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.

I	DRAWING UPDATED FOLLOWING CLIENT COMMENTS	05.01.25	JP	GM
H	DRAWING UPDATED FOLLOWING CLIENT COMMENTS	30.12.25	JP	GM
G	DRAWING UPDATED FOLLOWING LHA RESPONSE	15.12.25	JP	GM
F	DRAWING UPDATED FOLLOWING STAGE 1 RSA	16.09.25	JP	GM
E	DRAWING UPDATED FOLLOWING MEETING WITH LHA	27.05.25	JP	GM
D	SITE ACCESS UPDATED FOLLOWING TEAM MEETING	10.05.24	JP	GM
C	SITE ACCESS UPDATED FOLLOWING CLIENT COMMENTS	27.11.23	BHB	JP
B	SITE ACCESS UPDATED FOLLOWING CONSULTATION	23.11.23	BHB	JP
A	SITE ACCESS UPDATED FOLLOWING CONSULTATION	28.02.23	ML	JP

REV	DESCRIPTION	DATE	BY	AUTH
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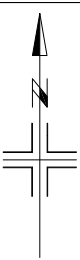
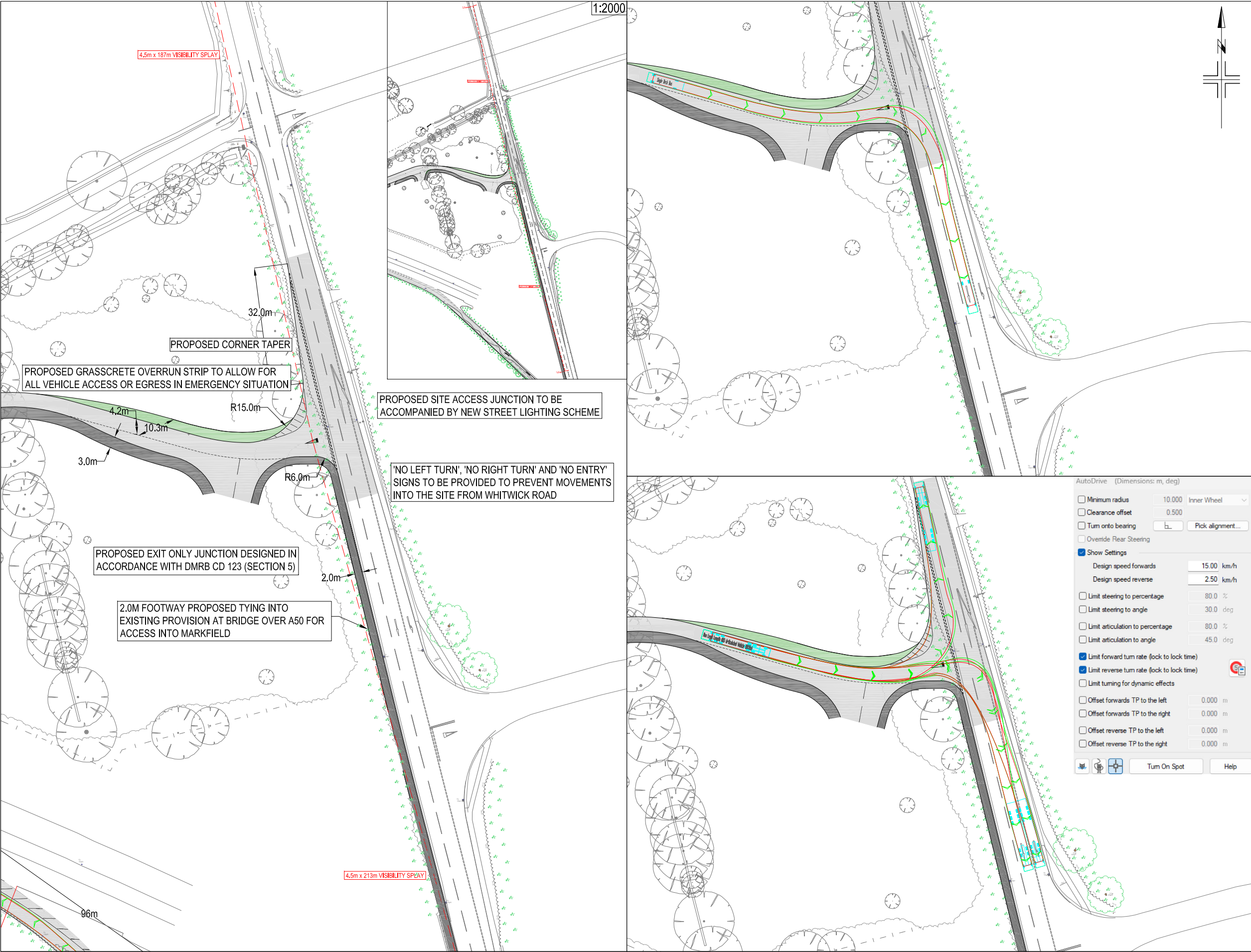
Hub Transport Planning Ltd
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CLIENT
CADDICK DEVELOPMENTS LIMITED

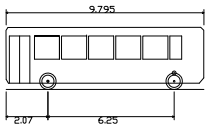
PROJECT
**LAND AT JUNCTION 22 OF THE M1
CLIFFE HILL FARM**

TITLE
**PROPOSED A50 SITE ACCESS WITH
AUXILIARY LANE**

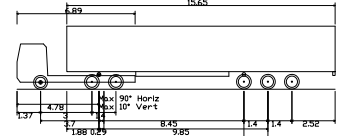
DRAWN JP	AUTHORISED GM	SCALE 1:1500	SHEET SIZE A3	DATE 20.03.22
PROJECT NO. T22523		DRAWING NO. 001		REV I



- 1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
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Single Deck Bus	
Overall Length	9.795m
Overall Width	2.500m
Overall Body Height	3.070m
Min Body Ground Clearance	0.305m
Track Width	2.322m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	10.111m



Max Legal Length (UK) Articulated Vehicle (18.55m)	
Overall Length	18.550m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

F	DRAWING UPDATED FOLLOWING CLIENT COMMENTS	30.12.25	JP	GM
E	DRAWING UPDATED FOLLOWING STAGE 1 RSA	16.09.25	JP	GM
D	DRAWING UPDATED FOLLOWING MEETING WITH LHA	27.05.25	JP	GM
C	SITE ACCESS UPDATED FOLLOWING CLIENT COMMENTS	27.11.23	BHB	JP
B	SITE ACCESS UPDATED FOLLOWING CONSULTATION	23.11.23	BHB	JP
A	SITE ACCESS UPDATED FOLLOWING CONSULTATION	28.02.23	ML	JP

REV	DESCRIPTION	DATE	BY	AUTH
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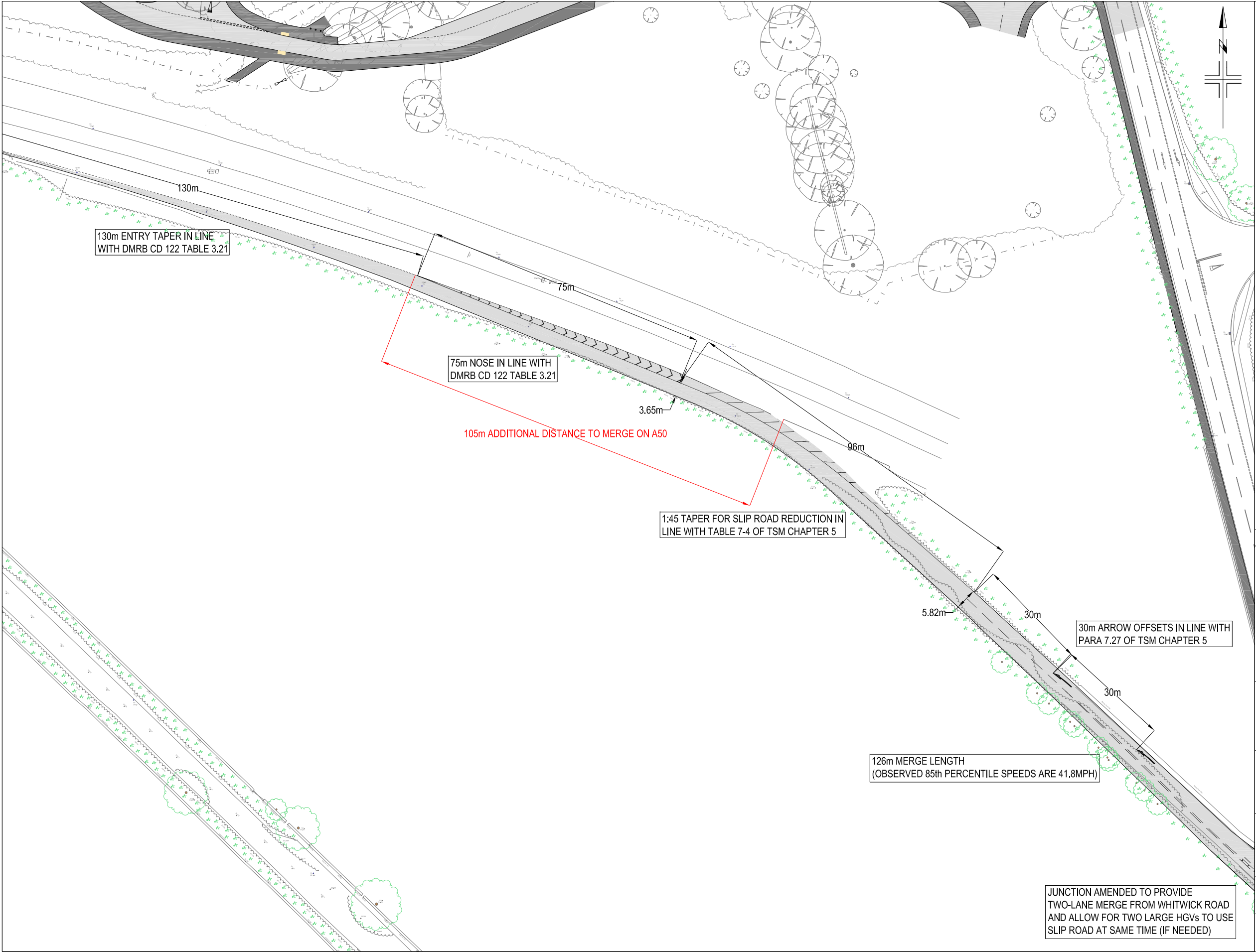
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PROJECT
**LAND AT JUNCTION 22 OF THE M1
CLIFFE HILL FARM**

TITLE
**PROPOSED WHITWICK RD SITE
ACCESS JUNCTION**

DRAWN	AUTHORISED	SCALE	SHEET SIZE	DATE
JP	GM	1:1000	A3	20.05.22
PROJECT NO. T22523		DRAWING NO. 004		REV F



1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.

B	DRAWING UPDATED FOLLOWING CLIENT COMMENTS	30.12.25	JP	GM
A	DRAWING UPDATED FOLLOWING LHA RESPONSE	15.12.25	JP	GM

REV	DESCRIPTION	DATE	BY	AUTH
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CLIENT
CADDICK DEVELOPMENTS LIMITED

PROJECT
**LAND AT JUNCTION 22 OF THE M1
CLIFFE HILL FARM**

TITLE
**PROPOSED A50 MERGE SLIP ROAD
DESIGN - DMRB LAYOUT A OPTION 2**

DRAWN JP	AUTHORISED GM	SCALE 1:1000	SHEET SIZE A3	DATE 02.05.25
PROJECT NO. T22523		DRAWING NO. 006		REV B

JUNCTION AMENDED TO PROVIDE
TWO-LANE MERGE FROM WHITWICK ROAD
AND ALLOW FOR TWO LARGE HGVs TO USE
SLIP ROAD AT SAME TIME (IF NEEDED)



- 1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
- 2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.

REV	DESCRIPTION	DATE	BY	AUTH



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CLIENT
CADDICK LAND

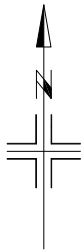
PROJECT
**LAND AT CLIFFE HILL FARM
MARKFIELD**

TITLE
**PROPOSED ACCESS, EGRESS AND
HIGHWAY WORKS**

DRAWN JP	AUTHORISED GM	SCALE 1:2000	SHEET SIZE A3	DATE 30.12.25
PROJECT NO. T22523		DRAWING NO. 008		REV -



232m FORWARD VISIBILITY PAST
EXISTING VEGETATION



1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.

REV	DESCRIPTION	DATE	BY	AUTH



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CLIENT
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PROJECT
**LAND AT CLIFFE HILL FARM
MARKFIELD**

TITLE
**A50 FORWARD VISIBILITY TO NEW
SLIP ROAD MERGE LAYOUT**

DRAWN JP	AUTHORISED GM	SCALE 1:1000	SHEET SIZE A3	DATE 05.01.25
PROJECT NO. T22523		DRAWING NO. 009		REV -

Appendix A

A50 Westbound Slip Road ATC Speed Survey Data

14393 MARKFIELD										
MAY 2025					Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed	Average Mean Speed
Site	Location	Direction	Start Date	End Date						
Site No: 14393003	A50 Westbound on-slip Markfield (West of Whitwick Rd) 52.693933, -1.282936	Channel: Westbound	Thu 08-May-25	Wed 14-May-25	NSL	10708	1628	1530	41.8	35.5

14393		MARKFIELD		Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 08-May-25											
00:00	0	0	-	0	-	0	-	0	-	0	-
01:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	6	0	0.0	2	33.3	3	50.0	1	16.7	0	0.0
04:00	12	0	0.0	7	58.3	1	8.3	4	33.3	0	0.0
05:00	58	2	3.5	41	70.7	9	15.5	6	10.3	0	0.0
06:00	155	0	0.0	132	85.2	18	11.6	5	3.2	0	0.0
07:00	142	1	0.7	115	81.0	23	16.2	3	2.1	0	0.0
08:00	164	1	0.6	131	79.9	24	14.6	7	4.3	1	0.6
09:00	122	0	0.0	98	80.3	16	13.1	6	4.9	2	1.6
10:00	120	1	0.8	96	80.0	15	12.5	7	5.8	1	0.8
11:00	98	0	0.0	77	78.6	13	13.3	7	7.1	1	1.0
12:00	94	0	0.0	71	75.5	16	17.0	6	6.4	1	1.1
13:00	111	0	0.0	90	81.1	10	9.0	10	9.0	1	0.9
14:00	106	0	0.0	85	80.2	16	15.1	3	2.8	2	1.9
15:00	141	0	0.0	111	78.7	28	19.9	2	1.4	0	0.0
16:00	140	1	0.7	117	83.6	19	13.6	3	2.1	0	0.0
17:00	119	1	0.8	107	89.9	9	7.6	0	0.0	2	1.7
18:00	82	1	1.2	74	90.2	5	6.1	1	1.2	1	1.2
19:00	67	0	0.0	57	85.1	7	10.5	3	4.5	0	0.0
20:00	28	0	0.0	24	85.7	3	10.7	0	0.0	1	3.6
21:00	16	0	0.0	14	87.5	1	6.3	1	6.3	0	0.0
22:00	18	0	0.0	15	83.3	1	5.6	1	5.6	1	5.6
23:00	15	0	0.0	13	86.7	1	6.7	1	6.7	0	0.0
12H,7-19	1439	6	0.4	1172	81.5	194	13.5	55	3.8	12	0.8
16H,6-22	1705	6	0.4	1399	82.1	223	13.1	64	3.8	13	0.8
18H,6-24	1738	6	0.4	1427	82.1	225	13.0	66	3.8	14	0.8
24H,0-24	1816	8	0.4	1479	81.4	238	13.1	77	4.2	14	0.8

14393		MARKFIELD				Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick					
Thu 08-May-25 to Wed 14-May-25												Channel: Westbound			
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %				
Fri 09-May-25															
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0				
01:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0				
02:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0				
03:00	10	0	0.0	7	70.0	0	0.0	3	30.0	0	0.0				
04:00	13	1	7.7	8	61.5	3	23.1	1	7.7	0	0.0				
05:00	58	2	3.5	44	75.9	7	12.1	5	8.6	0	0.0				
06:00	133	0	0.0	108	81.2	18	13.5	7	5.3	0	0.0				
07:00	175	1	0.6	133	76.0	35	20.0	3	1.7	3	1.7				
08:00	153	0	0.0	136	88.9	10	6.5	6	3.9	1	0.7				
09:00	126	0	0.0	107	84.9	13	10.3	5	4.0	1	0.8				
10:00	107	0	0.0	81	75.7	19	17.8	6	5.6	1	0.9				
11:00	109	1	0.9	83	76.2	21	19.3	4	3.7	0	0.0				
12:00	117	1	0.9	102	87.2	8	6.8	5	4.3	1	0.9				
13:00	88	0	0.0	71	80.7	11	12.5	5	5.7	1	1.1				
14:00	138	0	0.0	105	76.1	26	18.8	5	3.6	2	1.5				
15:00	139	0	0.0	118	84.9	17	12.2	4	2.9	0	0.0				
16:00	166	4	2.4	143	86.1	15	9.0	4	2.4	0	0.0				
17:00	108	0	0.0	100	92.6	6	5.6	0	0.0	2	1.9				
18:00	91	0	0.0	83	91.2	5	5.5	2	2.2	1	1.1				
19:00	51	0	0.0	45	88.2	3	5.9	2	3.9	1	2.0				
20:00	37	0	0.0	32	86.5	4	10.8	0	0.0	1	2.7				
21:00	25	0	0.0	22	88.0	1	4.0	1	4.0	1	4.0				
22:00	17	0	0.0	15	88.2	1	5.9	0	0.0	1	5.9				
23:00	12	0	0.0	11	91.7	0	0.0	0	0.0	1	8.3				
12H,7-19	1517	7	0.5	1262	83.2	186	12.3	49	3.2	13	0.9				
16H,6-22	1763	7	0.4	1469	83.3	212	12.0	59	3.4	16	0.9				
18H,6-24	1792	7	0.4	1495	83.4	213	11.9	59	3.3	18	1.0				
24H,0-24	1879	10	0.5	1559	83.0	224	11.9	68	3.6	18	1.0				

14393		MARKFIELD			Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25		Channel: Westbound										
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %	
Sat 10-May-25												
00:00	9	1	11.1	8	88.9	0	0.0	0	0.0	0	0.0	
01:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0	
02:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	
03:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	
04:00	7	0	0.0	5	71.4	1	14.3	1	14.3	0	0.0	
05:00	19	0	0.0	15	79.0	2	10.5	2	10.5	0	0.0	
06:00	28	0	0.0	23	82.1	4	14.3	1	3.6	0	0.0	
07:00	52	1	1.9	46	88.5	3	5.8	1	1.9	1	1.9	
08:00	94	1	1.1	79	84.0	10	10.6	3	3.2	1	1.1	
09:00	130	2	1.5	119	91.5	6	4.6	3	2.3	0	0.0	
10:00	117	0	0.0	107	91.5	8	6.8	2	1.7	0	0.0	
11:00	125	0	0.0	111	88.8	10	8.0	4	3.2	0	0.0	
12:00	129	1	0.8	121	93.8	3	2.3	2	1.6	2	1.6	
13:00	116	0	0.0	101	87.1	10	8.6	5	4.3	0	0.0	
14:00	100	0	0.0	92	92.0	4	4.0	4	4.0	0	0.0	
15:00	78	0	0.0	72	92.3	3	3.9	2	2.6	1	1.3	
16:00	75	0	0.0	65	86.7	7	9.3	2	2.7	1	1.3	
17:00	79	1	1.3	65	82.3	11	13.9	2	2.5	0	0.0	
18:00	56	0	0.0	52	92.9	2	3.6	2	3.6	0	0.0	
19:00	44	0	0.0	38	86.4	1	2.3	5	11.4	0	0.0	
20:00	40	0	0.0	39	97.5	0	0.0	0	0.0	1	2.5	
21:00	31	0	0.0	27	87.1	1	3.2	3	9.7	0	0.0	
22:00	19	0	0.0	15	79.0	1	5.3	3	15.8	0	0.0	
23:00	14	0	0.0	12	85.7	1	7.1	1	7.1	0	0.0	
12H,7-19	1151	6	0.5	1030	89.5	77	6.7	32	2.8	6	0.5	
16H,6-22	1294	6	0.5	1157	89.4	83	6.4	41	3.2	7	0.5	
18H,6-24	1327	6	0.5	1184	89.2	85	6.4	45	3.4	7	0.5	
24H,0-24	1373	7	0.5	1222	89.0	89	6.5	48	3.5	7	0.5	

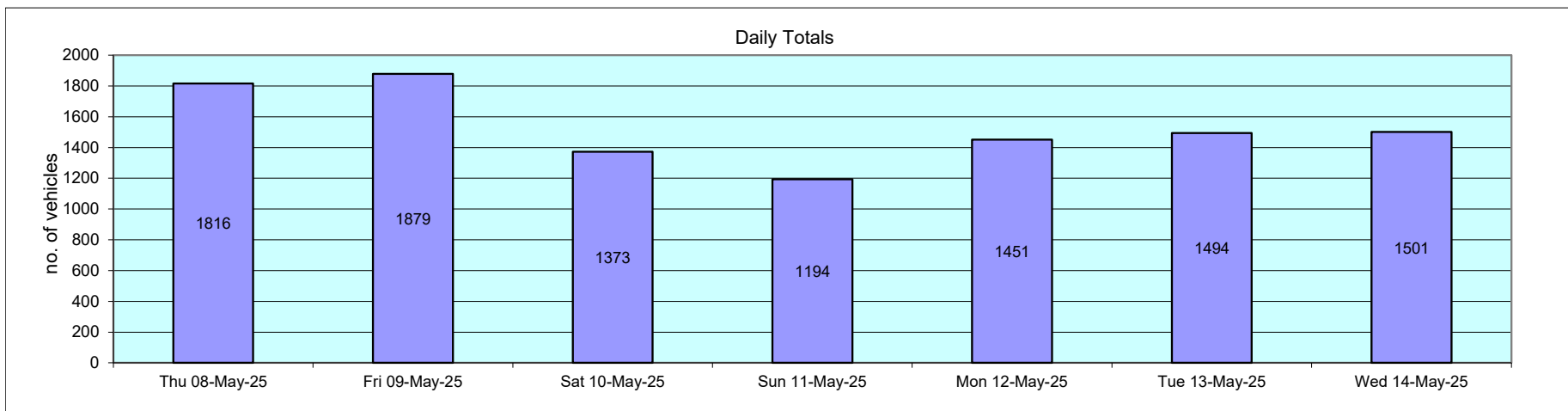
14393		MARKFIELD		Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sun 11-May-25											
00:00	6	0	0.0	5	83.3	0	0.0	1	16.7	0	0.0
01:00	6	0	0.0	4	66.7	0	0.0	2	33.3	0	0.0
02:00	5	0	0.0	3	60.0	1	20.0	1	20.0	0	0.0
03:00	5	0	0.0	4	80.0	0	0.0	1	20.0	0	0.0
04:00	6	0	0.0	5	83.3	0	0.0	1	16.7	0	0.0
05:00	12	0	0.0	11	91.7	1	8.3	0	0.0	0	0.0
06:00	15	0	0.0	14	93.3	0	0.0	1	6.7	0	0.0
07:00	28	1	3.6	23	82.1	3	10.7	0	0.0	1	3.6
08:00	60	2	3.3	52	86.7	3	5.0	2	3.3	1	1.7
09:00	93	1	1.1	81	87.1	10	10.8	1	1.1	0	0.0
10:00	103	0	0.0	96	93.2	2	1.9	4	3.9	1	1.0
11:00	151	2	1.3	138	91.4	9	6.0	1	0.7	1	0.7
12:00	120	1	0.8	108	90.0	8	6.7	2	1.7	1	0.8
13:00	108	0	0.0	101	93.5	4	3.7	2	1.9	1	0.9
14:00	104	1	1.0	98	94.2	3	2.9	1	1.0	1	1.0
15:00	62	0	0.0	59	95.2	1	1.6	1	1.6	1	1.6
16:00	78	0	0.0	72	92.3	4	5.1	2	2.6	0	0.0
17:00	63	0	0.0	57	90.5	4	6.4	1	1.6	1	1.6
18:00	68	2	2.9	61	89.7	3	4.4	0	0.0	2	2.9
19:00	40	0	0.0	36	90.0	2	5.0	2	5.0	0	0.0
20:00	26	0	0.0	23	88.5	1	3.9	2	7.7	0	0.0
21:00	20	0	0.0	17	85.0	2	10.0	1	5.0	0	0.0
22:00	11	0	0.0	9	81.8	0	0.0	1	9.1	1	9.1
23:00	4	0	0.0	2	50.0	0	0.0	2	50.0	0	0.0
12H,7-19	1038	10	1.0	946	91.1	54	5.2	17	1.6	11	1.1
16H,6-22	1139	10	0.9	1036	91.0	59	5.2	23	2.0	11	1.0
18H,6-24	1154	10	0.9	1047	90.7	59	5.1	26	2.3	12	1.0
24H,0-24	1194	10	0.8	1079	90.4	61	5.1	32	2.7	12	1.0

14393	MARKFIELD			Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 12-May-25											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
03:00	9	0	0.0	7	77.8	0	0.0	2	22.2	0	0.0
04:00	16	1	6.3	10	62.5	1	6.3	4	25.0	0	0.0
05:00	58	3	5.2	42	72.4	11	19.0	2	3.5	0	0.0
06:00	91	0	0.0	77	84.6	11	12.1	3	3.3	0	0.0
07:00	105	1	1.0	76	72.4	27	25.7	1	1.0	0	0.0
08:00	87	0	0.0	74	85.1	9	10.3	3	3.5	1	1.2
09:00	94	0	0.0	81	86.2	10	10.6	2	2.1	1	1.1
10:00	87	2	2.3	68	78.2	9	10.3	6	6.9	2	2.3
11:00	85	0	0.0	68	80.0	11	12.9	6	7.1	0	0.0
12:00	102	0	0.0	81	79.4	17	16.7	3	2.9	1	1.0
13:00	88	1	1.1	63	71.6	18	20.5	3	3.4	3	3.4
14:00	90	0	0.0	83	92.2	3	3.3	4	4.4	0	0.0
15:00	121	0	0.0	101	83.5	17	14.1	3	2.5	0	0.0
16:00	100	1	1.0	86	86.0	10	10.0	3	3.0	0	0.0
17:00	92	1	1.1	85	92.4	3	3.3	1	1.1	2	2.2
18:00	69	0	0.0	59	85.5	6	8.7	2	2.9	2	2.9
19:00	57	0	0.0	50	87.7	5	8.8	2	3.5	0	0.0
20:00	38	0	0.0	34	89.5	3	7.9	0	0.0	1	2.6
21:00	34	0	0.0	30	88.2	2	5.9	1	2.9	1	2.9
22:00	16	0	0.0	15	93.8	0	0.0	0	0.0	1	6.3
23:00	8	0	0.0	5	62.5	2	25.0	0	0.0	1	12.5
12H,7-19	1120	6	0.5	925	82.6	140	12.5	37	3.3	12	1.1
16H,6-22	1340	6	0.5	1116	83.3	161	12.0	43	3.2	14	1.0
18H,6-24	1364	6	0.4	1136	83.3	163	12.0	43	3.2	16	1.2
24H,0-24	1451	10	0.7	1198	82.6	176	12.1	51	3.5	16	1.1

14393		MARKFIELD		Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25		Channel: Westbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Tue 13-May-25											
00:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
01:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	9	0	0.0	6	66.7	2	22.2	1	11.1	0	0.0
04:00	17	1	5.9	13	76.5	1	5.9	2	11.8	0	0.0
05:00	51	2	3.9	37	72.6	9	17.7	3	5.9	0	0.0
06:00	126	0	0.0	104	82.5	16	12.7	6	4.8	0	0.0
07:00	107	0	0.0	89	83.2	15	14.0	3	2.8	0	0.0
08:00	105	3	2.9	85	81.0	9	8.6	8	7.6	0	0.0
09:00	116	0	0.0	97	83.6	11	9.5	6	5.2	2	1.7
10:00	107	1	0.9	89	83.2	15	14.0	1	0.9	1	0.9
11:00	101	1	1.0	79	78.2	17	16.8	4	4.0	0	0.0
12:00	89	1	1.1	66	74.2	18	20.2	4	4.5	0	0.0
13:00	98	0	0.0	77	78.6	15	15.3	4	4.1	2	2.0
14:00	85	0	0.0	64	75.3	17	20.0	4	4.7	0	0.0
15:00	110	0	0.0	89	80.9	18	16.4	3	2.7	0	0.0
16:00	97	1	1.0	79	81.4	13	13.4	4	4.1	0	0.0
17:00	81	3	3.7	68	84.0	8	9.9	1	1.2	1	1.2
18:00	51	0	0.0	43	84.3	5	9.8	2	3.9	1	2.0
19:00	40	0	0.0	34	85.0	4	10.0	2	5.0	0	0.0
20:00	30	0	0.0	28	93.3	1	3.3	1	3.3	0	0.0
21:00	41	0	0.0	38	92.7	2	4.9	0	0.0	1	2.4
22:00	19	0	0.0	16	84.2	1	5.3	2	10.5	0	0.0
23:00	4	0	0.0	2	50.0	1	25.0	0	0.0	1	25.0
12H,7-19	1147	10	0.9	925	80.7	161	14.0	44	3.8	7	0.6
16H,6-22	1384	10	0.7	1129	81.6	184	13.3	53	3.8	8	0.6
18H,6-24	1407	10	0.7	1147	81.5	186	13.2	55	3.9	9	0.6
24H,0-24	1494	13	0.9	1211	81.1	200	13.4	61	4.1	9	0.6

14393		MARKFIELD				Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25						Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %		
Wed 14-May-25													
00:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0		
01:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0		
02:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0		
03:00	7	0	0.0	5	71.4	1	14.3	1	14.3	0	0.0		
04:00	18	1	5.6	13	72.2	1	5.6	3	16.7	0	0.0		
05:00	46	2	4.4	32	69.6	9	19.6	3	6.5	0	0.0		
06:00	108	0	0.0	89	82.4	15	13.9	4	3.7	0	0.0		
07:00	117	1	0.9	99	84.6	13	11.1	4	3.4	0	0.0		
08:00	117	1	0.9	99	84.6	15	12.8	2	1.7	0	0.0		
09:00	95	0	0.0	81	85.3	10	10.5	2	2.1	2	2.1		
10:00	100	1	1.0	80	80.0	13	13.0	5	5.0	1	1.0		
11:00	84	2	2.4	68	81.0	9	10.7	5	6.0	0	0.0		
12:00	88	0	0.0	73	83.0	9	10.2	5	5.7	1	1.1		
13:00	83	0	0.0	67	80.7	13	15.7	1	1.2	2	2.4		
14:00	85	0	0.0	64	75.3	18	21.2	1	1.2	2	2.4		
15:00	125	0	0.0	110	88.0	14	11.2	1	0.8	0	0.0		
16:00	108	4	3.7	86	79.6	14	13.0	3	2.8	1	0.9		
17:00	84	2	2.4	75	89.3	5	6.0	0	0.0	2	2.4		
18:00	73	0	0.0	64	87.7	6	8.2	2	2.7	1	1.4		
19:00	57	0	0.0	51	89.5	3	5.3	2	3.5	1	1.8		
20:00	47	1	2.1	41	87.2	4	8.5	0	0.0	1	2.1		
21:00	29	0	0.0	26	89.7	1	3.5	1	3.5	1	3.5		
22:00	14	0	0.0	13	92.9	0	0.0	1	7.1	0	0.0		
23:00	6	0	0.0	4	66.7	1	16.7	0	0.0	1	16.7		
12H,7-19	1159	11	1.0	966	83.4	139	12.0	31	2.7	12	1.0		
16H,6-22	1400	12	0.9	1173	83.8	162	11.6	38	2.7	15	1.1		
18H,6-24	1420	12	0.9	1190	83.8	163	11.5	39	2.8	16	1.1		
24H,0-24	1501	15	1.0	1250	83.3	174	11.6	46	3.1	16	1.1		

14393 MARKFIELD				Site No: 14393003		Location		A50 Westbound on-slip, Markfield West of Whitwick			
Thu 08-May-25 to Wed 14-May-25				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Thu 08-May-25	1816	8	0.4	1479	81.4	238	13.1	77	4.2	14	0.8
Fri 09-May-25	1879	10	0.5	1559	83.0	224	11.9	68	3.6	18	1.0
Sat 10-May-25	1373	7	0.5	1222	89.0	89	6.5	48	3.5	7	0.5
Sun 11-May-25	1194	10	0.8	1079	90.4	61	5.1	32	2.7	12	1.0
Mon 12-May-25	1451	10	0.7	1198	82.6	176	12.1	51	3.5	16	1.1
Tue 13-May-25	1494	13	0.9	1211	81.1	200	13.4	61	4.1	9	0.6
Wed 14-May-25	1501	15	1.0	1250	83.3	174	11.6	46	3.1	16	1.1
Total Vehicles											
[--]	10708	73	0.7	8998	84.4	1162	10.5	383	3.5	92	0.9



14393		MARKFIELD			Site No: 14393003			Location A50 Westbound on-slip, Markfield West of Whitwick								
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Thu 08-May-25																
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	-	39.8	5.3	0	0	0	1	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	6	-	34.3	10.2	0	0	3	1	1	1	0	0	0	0	0	0
04:00	12	45.3	34.5	9.1	0	0	5	4	1	2	0	0	0	0	0	0
05:00	58	42.6	35.1	7.8	0	2	12	32	9	2	1	0	0	0	0	0
06:00	155	40.2	34.6	6.4	0	0	37	103	8	6	1	0	0	0	0	0
07:00	142	40.8	35.5	5.8	0	0	23	99	17	3	0	0	0	0	0	0
08:00	164	41.2	35.4	6.3	0	0	33	105	20	6	0	0	0	0	0	0
09:00	122	42.9	35.8	6.7	0	0	25	70	22	5	0	0	0	0	0	0
10:00	120	40.8	35.3	6.5	0	0	25	77	11	7	0	0	0	0	0	0
11:00	98	40.9	35.5	6.4	0	1	16	66	12	2	1	0	0	0	0	0
12:00	94	41.2	35.4	6.4	0	0	19	60	11	4	0	0	0	0	0	0
13:00	111	40.3	34.4	6.3	0	0	28	71	9	3	0	0	0	0	0	0
14:00	106	40.8	35.1	6	0	0	21	70	14	1	0	0	0	0	0	0
15:00	141	41.4	35.2	6.5	0	0	31	87	18	4	1	0	0	0	0	0
16:00	140	43.4	36.9	6.5	0	0	18	90	22	8	1	1	0	0	0	0
17:00	119	43	36.4	6.7	0	0	19	75	17	6	2	0	0	0	0	0
18:00	82	40.7	35.3	6	0	0	15	56	9	2	0	0	0	0	0	0
19:00	67	41.4	35.7	7.3	0	0	14	42	6	3	1	1	0	0	0	0
20:00	28	46.5	39.4	7.7	0	0	3	13	7	3	2	0	0	0	0	0
21:00	16	46.2	36.5	7.6	0	0	3	10	0	3	0	0	0	0	0	0
22:00	18	38.9	34.3	4.8	0	0	3	15	0	0	0	0	0	0	0	0
23:00	15	45.1	37.3	9	0	0	4	5	4	1	1	0	0	0	0	0
12H,7-19	1439	41.6	35.6	6.4	0	1	273	926	182	51	5	1	0	0	0	0
16H,6-22	1705	41.6	35.5	6.5	0	1	330	1094	203	66	9	2	0	0	0	0
18H,6-24	1738	41.6	35.6	6.5	0	1	337	1114	207	67	10	2	0	0	0	0
24H,0-24	1816	41.7	35.5	6.5	0	3	357	1152	219	72	11	2	0	0	0	0

14393					MARKFIELD					Site No: 14393003					Location A50 Westbound on-slip, Markfield West of Whitwick						
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound																
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76					
Fri 09-May-25																					
00:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0					
01:00	4	-	33.5	5.7	0	0	1	3	0	0	0	0	0	0	0	0					
02:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0					
03:00	10	31	28.8	6.6	0	0	8	1	1	0	0	0	0	0	0	0					
04:00	13	42.9	34.5	8	0	0	5	4	4	0	0	0	0	0	0	0					
05:00	58	40.6	33.8	7.6	0	0	21	29	4	3	1	0	0	0	0	0					
06:00	133	41.7	35.9	6.3	0	0	22	88	19	1	3	0	0	0	0	0					
07:00	175	40.8	35.3	6.6	0	0	36	115	15	6	3	0	0	0	0	0					
08:00	153	42.3	36.2	6.3	0	0	23	101	21	6	2	0	0	0	0	0					
09:00	126	40.5	35	6	0	0	25	86	12	3	0	0	0	0	0	0					
10:00	107	40.9	34.5	6.9	0	2	25	64	15	0	1	0	0	0	0	0					
11:00	109	42	35.7	6.9	0	0	22	68	11	6	2	0	0	0	0	0					
12:00	117	40.9	35.4	6.8	0	0	25	75	9	6	2	0	0	0	0	0					
13:00	88	42.7	35.7	7.6	0	0	21	50	10	4	2	1	0	0	0	0					
14:00	138	40.1	34.1	6.2	0	0	37	88	10	3	0	0	0	0	0	0					
15:00	139	42.9	36.3	6.8	0	0	24	84	26	2	1	2	0	0	0	0					
16:00	166	40.9	35.8	6.2	0	0	26	115	19	3	3	0	0	0	0	0					
17:00	108	40.9	35.8	5.6	0	0	15	77	14	2	0	0	0	0	0	0					
18:00	91	42.6	36.5	7.3	0	0	15	59	9	5	2	0	1	0	0	0					
19:00	51	42.4	34.4	7.3	0	0	17	23	10	1	0	0	0	0	0	0					
20:00	37	41	35.5	6.2	0	0	7	24	5	1	0	0	0	0	0	0					
21:00	25	40.6	36.6	5.4	0	0	2	19	3	1	0	0	0	0	0	0					
22:00	17	39.4	34.7	5.3	0	0	3	13	1	0	0	0	0	0	0	0					
23:00	12	40.3	36.4	5.1	0	0	1	9	2	0	0	0	0	0	0	0					
12H,7-19	1517	41.3	35.5	6.6	0	2	294	982	171	46	18	3	1	0	0	0					
16H,6-22	1763	41.4	35.5	6.6	0	2	342	1136	208	50	21	3	1	0	0	0					
18H,6-24	1792	41.4	35.5	6.5	0	2	346	1158	211	50	21	3	1	0	0	0					
24H,0-24	1879	41.4	35.4	6.6	0	2	381	1197	220	53	22	3	1	0	0	0					

14393		MARKFIELD			Site No: 14393003					Location A50 Westbound on-slip, Markfield West of Whitwick						
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sat 10-May-25																
00:00	9	-	32.7	5.8	0	0	3	6	0	0	0	0	0	0	0	0
01:00	5	-	33.5	7.9	0	0	2	2	1	0	0	0	0	0	0	0
02:00	3	-	36	3.3	0	0	0	3	0	0	0	0	0	0	0	0
03:00	3	-	32.7	6.3	0	0	1	2	0	0	0	0	0	0	0	0
04:00	7	-	30.3	6.1	0	0	4	3	0	0	0	0	0	0	0	0
05:00	19	40.4	34	6.8	0	0	6	10	3	0	0	0	0	0	0	0
06:00	28	42.5	35.4	8.6	0	1	6	16	1	3	1	0	0	0	0	0
07:00	52	40.8	36.1	6.1	0	0	7	37	6	1	1	0	0	0	0	0
08:00	94	43.8	37	7.1	0	0	14	56	17	4	2	1	0	0	0	0
09:00	130	42.6	36.4	6.8	0	0	20	85	16	5	3	1	0	0	0	0
10:00	117	40.6	35.8	5.7	0	0	16	86	11	4	0	0	0	0	0	0
11:00	125	39.7	34	5.9	0	0	32	85	6	2	0	0	0	0	0	0
12:00	129	40.8	34.9	6.3	0	1	27	83	16	2	0	0	0	0	0	0
13:00	116	42.4	35.7	6.7	0	0	24	70	15	7	0	0	0	0	0	0
14:00	100	40.5	35	5.9	0	0	20	68	11	1	0	0	0	0	0	0
15:00	78	40.6	34.9	6.7	0	1	16	51	6	4	0	0	0	0	0	0
16:00	75	40.2	34.3	6	0	0	19	48	8	0	0	0	0	0	0	0
17:00	79	40.5	34.8	6.2	0	0	18	51	8	2	0	0	0	0	0	0
18:00	56	41.8	35.7	6.8	0	0	11	35	7	2	1	0	0	0	0	0
19:00	44	40.9	35.3	7.1	0	0	10	27	6	0	0	1	0	0	0	0
20:00	40	43.8	38.1	5.9	0	0	2	27	8	2	1	0	0	0	0	0
21:00	31	39.8	33.5	6.4	0	0	10	18	3	0	0	0	0	0	0	0
22:00	19	40.1	32.2	9.4	0	0	11	5	2	0	0	1	0	0	0	0
23:00	14	43.4	35.1	9	0	1	3	5	5	0	0	0	0	0	0	0
12H,7-19	1151	41	35.4	6.4	0	2	224	755	127	34	7	2	0	0	0	0
16H,6-22	1294	41	35.4	6.5	0	3	252	843	145	39	9	3	0	0	0	0
18H,6-24	1327	41.1	35.3	6.5	0	4	266	853	152	39	9	4	0	0	0	0
24H,0-24	1373	41	35.3	6.6	0	4	282	879	156	39	9	4	0	0	0	0

14393					MARKFIELD		Site No: 14393003		Location A50 Westbound on-slip, Markfield West of Whitwick								
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound												
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76	
Sun 11-May-25																	
00:00	6	-	36	9.4	0	0	2	2	1	1	0	0	0	0	0	0	
01:00	6	-	34.3	11.9	0	1	1	2	1	1	0	0	0	0	0	0	
02:00	5	-	30	6.2	0	0	3	2	0	0	0	0	0	0	0	0	
03:00	5	-	32	6.2	0	0	2	3	0	0	0	0	0	0	0	0	
04:00	6	-	29.3	6	0	0	4	2	0	0	0	0	0	0	0	0	
05:00	12	40.3	35.6	6	0	0	2	8	2	0	0	0	0	0	0	0	
06:00	15	44.1	36	8.1	0	0	4	7	2	2	0	0	0	0	0	0	
07:00	28	40.6	34.8	6.6	0	0	7	17	3	1	0	0	0	0	0	0	
08:00	60	41.4	35.3	7	0	0	14	36	6	3	1	0	0	0	0	0	
09:00	93	43.3	36.1	6.9	0	0	19	51	19	3	1	0	0	0	0	0	
10:00	103	42.8	36.5	6.1	0	0	14	66	20	2	1	0	0	0	0	0	
11:00	151	41.3	35.8	6.3	0	0	25	102	16	7	1	0	0	0	0	0	
12:00	120	41.2	36.1	6.1	0	1	14	86	15	2	2	0	0	0	0	0	
13:00	108	39.7	34.3	5.8	0	0	25	76	5	2	0	0	0	0	0	0	
14:00	104	41	35.1	7	0	0	25	63	10	4	2	0	0	0	0	0	
15:00	62	40.8	35.8	6.4	0	0	10	43	7	1	0	1	0	0	0	0	
16:00	78	40.9	34.8	7.5	0	0	22	44	7	2	3	0	0	0	0	0	
17:00	63	41.7	35.5	7	0	0	14	38	8	1	2	0	0	0	0	0	
18:00	68	42.7	36.2	6.9	0	0	12	42	10	2	2	0	0	0	0	0	
19:00	40	43.5	36.5	6.8	0	0	7	23	7	3	0	0	0	0	0	0	
20:00	26	40.2	34.6	6	0	0	6	17	3	0	0	0	0	0	0	0	
21:00	20	45.2	35.3	8.1	0	0	6	10	1	3	0	0	0	0	0	0	
22:00	11	48.1	37.1	9.8	0	0	3	5	0	2	1	0	0	0	0	0	
23:00	4	-	26	8.4	0	1	2	1	0	0	0	0	0	0	0	0	
12H,7-19	1038	41.6	35.6	6.6	0	1	201	664	126	30	15	1	0	0	0	0	
16H,6-22	1139	41.8	35.6	6.6	0	1	224	721	139	38	15	1	0	0	0	0	
18H,6-24	1154	41.8	35.6	6.7	0	2	229	727	139	40	16	1	0	0	0	0	
24H,0-24	1194	41.8	35.5	6.7	0	3	243	746	143	42	16	1	0	0	0	0	

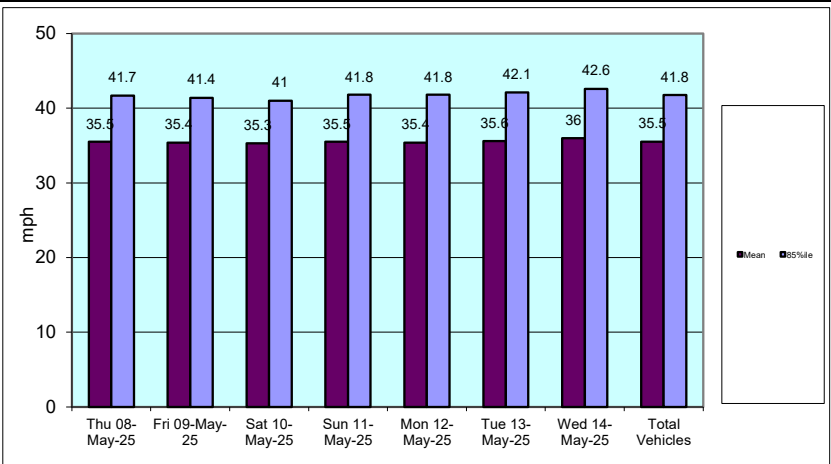
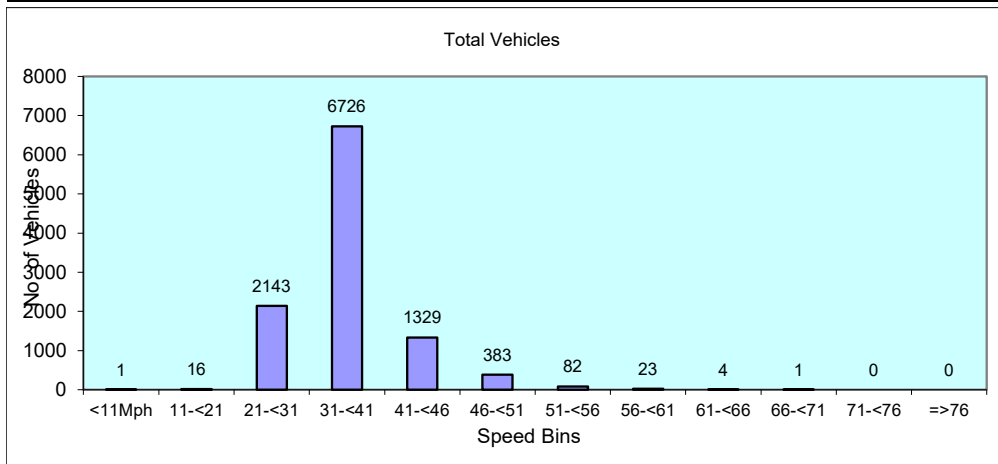
14393		MARKFIELD			Site No: 14393003					Location A50 Westbound on-slip, Markfield West of Whitwick						
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Mon 12-May-25																
00:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
01:00	2	-	39.8	5.3	0	0	0	1	1	0	0	0	0	0	0	0
02:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	9	-	34.1	7.8	0	0	3	5	0	1	0	0	0	0	0	0
04:00	16	37.8	30.8	6.6	0	0	9	6	1	0	0	0	0	0	0	0
05:00	58	41.9	35.4	6.4	0	0	12	35	10	1	0	0	0	0	0	0
06:00	91	41.4	35.9	6.6	0	0	16	60	10	3	2	0	0	0	0	0
07:00	105	41.6	35.3	6.6	0	0	23	64	15	2	1	0	0	0	0	0
08:00	87	41.2	36.3	5.8	0	0	10	63	11	2	1	0	0	0	0	0
09:00	94	42.4	35.8	6.4	0	0	18	57	16	3	0	0	0	0	0	0
10:00	87	40.9	35.8	6.3	0	0	14	60	10	2	0	1	0	0	0	0
11:00	85	40.8	34.8	6.6	0	0	21	52	10	1	1	0	0	0	0	0
12:00	102	41.4	35.1	6.4	0	0	23	62	15	2	0	0	0	0	0	0
13:00	88	41.2	34.9	6.9	0	0	23	51	10	3	1	0	0	0	0	0
14:00	90	40.6	34.8	6.9	0	0	23	55	8	3	0	1	0	0	0	0
15:00	121	42.6	35.4	6.9	0	0	29	68	17	7	0	0	0	0	0	0
16:00	100	40.3	34.6	6.4	0	0	24	65	10	0	0	1	0	0	0	0
17:00	92	44	37.3	6.9	0	0	12	56	16	6	1	1	0	0	0	0
18:00	69	43.1	36.5	7.1	0	0	12	41	12	2	1	1	0	0	0	0
19:00	57	42.1	34.8	7	0	0	16	30	9	2	0	0	0	0	0	0
20:00	38	40.5	34.2	6.7	0	0	11	22	4	1	0	0	0	0	0	0
21:00	34	41.5	36.1	7.2	0	0	6	22	4	1	0	1	0	0	0	0
22:00	16	42.8	36.3	7	0	0	3	9	3	1	0	0	0	0	0	0
23:00	8	-	33.2	8.7	0	1	1	5	1	0	0	0	0	0	0	0
12H,7-19	1120	41.9	35.5	6.6	0	0	232	694	150	33	6	5	0	0	0	0
16H,6-22	1340	41.8	35.5	6.6	0	0	281	828	177	40	8	6	0	0	0	0
18H,6-24	1364	41.9	35.5	6.7	0	1	285	842	181	41	8	6	0	0	0	0
24H,0-24	1451	41.8	35.4	6.7	0	1	310	890	193	43	8	6	0	0	0	0

14393		MARKFIELD			Site No: 14393003			Location A50 Westbound on-slip, Markfield West of Whitwick								
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Tue 13-May-25																
00:00	5	-	34	5.3	0	0	1	4	0	0	0	0	0	0	0	0
01:00	5	-	34.5	9.6	0	0	2	2	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	9	-	35.7	8.8	0	0	3	3	2	1	0	0	0	0	0	0
04:00	17	40.9	34.1	7.6	0	0	6	8	2	1	0	0	0	0	0	0
05:00	51	41.7	34.3	7.4	0	0	17	25	6	3	0	0	0	0	0	0
06:00	126	40.8	34.5	6.6	0	0	34	74	15	2	1	0	0	0	0	0
07:00	107	42.8	36.6	6.2	0	0	14	70	18	4	1	0	0	0	0	0
08:00	105	42.7	35.5	7.4	0	0	26	59	11	7	2	0	0	0	0	0
09:00	116	40.5	35.2	6	0	0	22	80	10	4	0	0	0	0	0	0
10:00	107	40.9	35.9	6.1	0	0	16	75	11	4	1	0	0	0	0	0
11:00	101	42.7	36	6.5	0	0	18	62	16	5	0	0	0	0	0	0
12:00	89	40.5	35	6.2	0	1	16	61	9	2	0	0	0	0	0	0
13:00	98	43.7	36.9	6.8	0	0	14	59	18	6	0	1	0	0	0	0
14:00	85	40.2	34.3	6.6	1	0	19	56	8	1	0	0	0	0	0	0
15:00	110	41.7	34.5	7.6	0	2	30	59	15	2	1	1	0	0	0	0
16:00	97	42.8	36.4	6.2	0	0	14	62	17	4	0	0	0	0	0	0
17:00	81	41.2	36.6	7	0	0	10	58	8	2	1	1	1	0	0	0
18:00	51	43.7	36.9	7.1	0	0	8	30	9	2	2	0	0	0	0	0
19:00	40	41.5	34.8	7	0	0	11	22	5	2	0	0	0	0	0	0
20:00	30	41	35.4	7.3	0	0	7	18	3	1	1	0	0	0	0	0
21:00	41	42.7	35	7.6	0	0	12	21	4	4	0	0	0	0	0	0
22:00	19	45.1	38.9	6.8	0	0	1	12	3	2	1	0	0	0	0	0
23:00	4	-	33.5	5.7	0	0	1	3	0	0	0	0	0	0	0	0
12H,7-19	1147	42.1	35.8	6.7	1	3	207	731	150	43	8	3	1	0	0	0
16H,6-22	1384	42	35.6	6.7	1	3	271	866	177	52	10	3	1	0	0	0
18H,6-24	1407	42	35.6	6.7	1	3	273	881	180	54	11	3	1	0	0	0
24H,0-24	1494	42.1	35.6	6.8	1	3	302	923	190	60	11	3	1	0	0	0

14393		MARKFIELD			Site No: 14393003					Location A50 Westbound on-slip, Markfield West of Whitwick						
Thu 08-May-25 to Wed 14-May-25					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Wed 14-May-25																
00:00	4	-	36	3.2	0	0	0	4	0	0	0	0	0	0	0	0
01:00	2	-	34.8	12.4	0	0	1	0	1	0	0	0	0	0	0	0
02:00	4	-	31	6.5	0	0	2	2	0	0	0	0	0	0	0	0
03:00	7	-	37.1	9	0	0	2	2	2	1	0	0	0	0	0	0
04:00	18	39.7	33.2	7.3	0	0	7	9	1	1	0	0	0	0	0	0
05:00	46	43.6	35.4	7.6	0	0	13	22	7	4	0	0	0	0	0	0
06:00	108	41.4	35.3	6.4	0	0	23	67	15	3	0	0	0	0	0	0
07:00	117	42	35.9	6.4	0	0	20	76	15	5	1	0	0	0	0	0
08:00	117	43.3	36.6	6.6	0	0	18	73	17	8	1	0	0	0	0	0
09:00	95	43.2	36.9	6.7	0	0	12	62	14	6	0	0	1	0	0	0
10:00	100	40.7	35	6.9	0	0	25	60	9	5	1	0	0	0	0	0
11:00	84	41.4	35.6	6.5	0	0	16	54	12	1	0	1	0	0	0	0
12:00	88	42	36.3	6.1	0	0	12	60	11	5	0	0	0	0	0	0
13:00	83	40.7	36	5.9	0	0	11	61	6	5	0	0	0	0	0	0
14:00	85	41.7	36.1	6.2	0	0	12	58	13	1	0	1	0	0	0	0
15:00	125	43.3	35.8	7.4	0	0	30	66	21	6	1	1	0	0	0	0
16:00	108	41.8	35.7	6.7	0	0	21	68	14	4	0	1	0	0	0	0
17:00	84	44	36.9	6.7	0	0	12	51	13	8	0	0	0	0	0	0
18:00	73	42.1	35.7	6.8	0	0	15	45	7	6	0	0	0	0	0	0
19:00	57	42.3	36.6	5.6	0	0	6	39	11	1	0	0	0	0	0	0
20:00	47	43.2	38	7.9	0	0	4	31	10	0	0	0	1	1	0	0
21:00	29	44.5	38	6.9	0	0	3	17	6	2	1	0	0	0	0	0
22:00	14	45	38.7	6.5	0	0	1	8	3	2	0	0	0	0	0	0
23:00	6	-	32.7	6	0	0	2	4	0	0	0	0	0	0	0	0
12H,7-19	1159	42.5	36	6.6	0	0	204	734	152	60	4	4	1	0	0	0
16H,6-22	1400	42.6	36.1	6.6	0	0	240	888	194	66	5	4	2	1	0	0
18H,6-24	1420	42.6	36.1	6.6	0	0	243	900	197	68	5	4	2	1	0	0
24H,0-24	1501	42.6	36	6.7	0	0	268	939	208	74	5	4	2	1	0	0

14393			MARKFIELD			Site No: 14393003			Location		A50 Westbound on-slip, Markfield West of Whitwick					
Thu 08-May-25 to Wed 14-May-25						Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76

Daily Totals																
Thu 08-May-25	1816	41.7	35.5	6.5	0	3	357	1152	219	72	11	2	0	0	0	0
Fri 09-May-25	1879	41.4	35.4	6.6	0	2	381	1197	220	53	22	3	1	0	0	0
Sat 10-May-25	1373	41	35.3	6.6	0	4	282	879	156	39	9	4	0	0	0	0
Sun 11-May-25	1194	41.8	35.5	6.7	0	3	243	746	143	42	16	1	0	0	0	0
Mon 12-May-25	1451	41.8	35.4	6.7	0	1	310	890	193	43	8	6	0	0	0	0
Tue 13-May-25	1494	42.1	35.6	6.8	1	3	302	923	190	60	11	3	1	0	0	0
Wed 14-May-25	1501	42.6	36	6.7	0	0	268	939	208	74	5	4	2	1	0	0
Total Vehicles																
[--]	10708	41.8	35.5	6.7	1	16	2143	6726	1329	383	82	23	4	1	0	0



Appendix B

Burrows Graham Visibility Drawing



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

INSTRUCTION

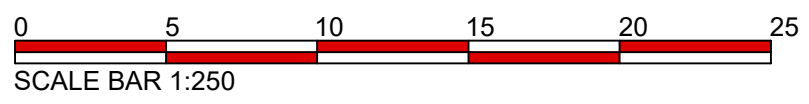
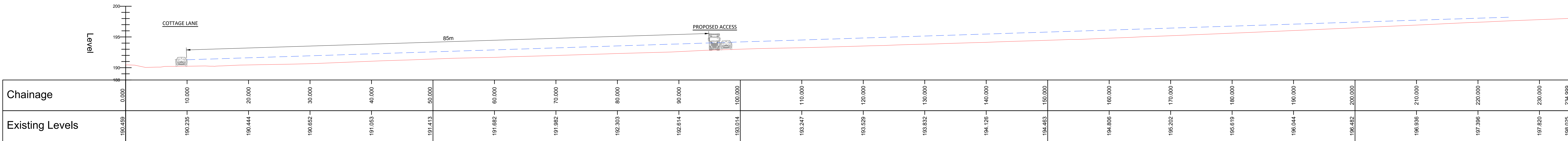
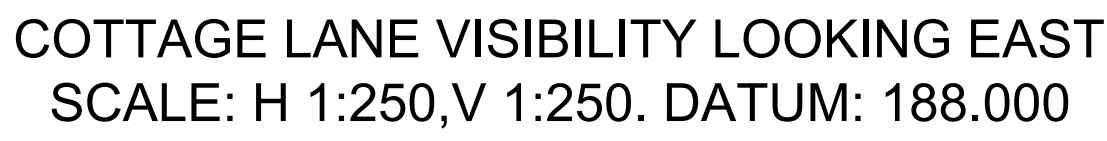
MAINTENANCE

SOLUTION

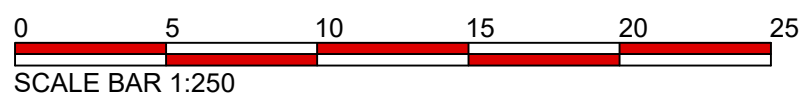
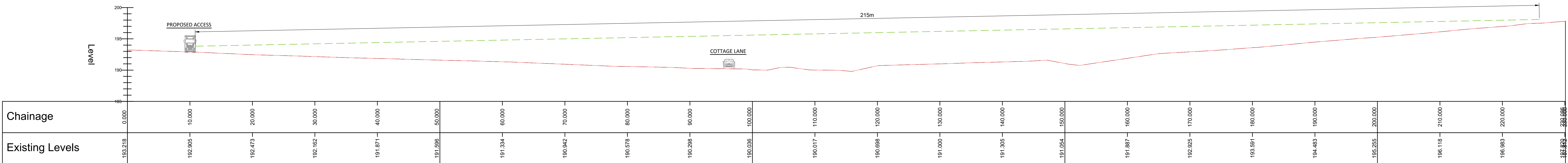
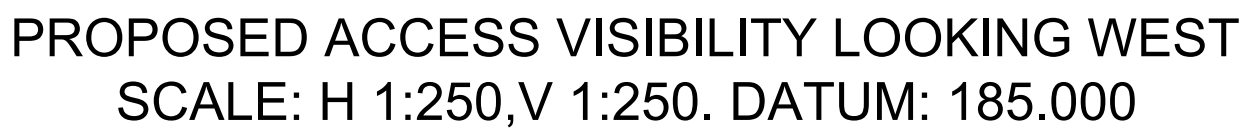
IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

GENERAL NOTES:

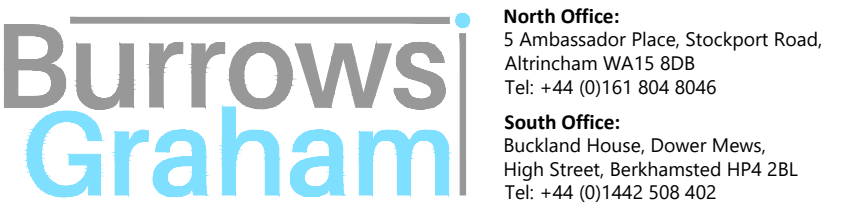
- This drawing shall be read in conjunction with all the relevant architects, engineers' and service engineers drawings & specifications.
- All units in millimeters U.O.N. on the drawing. Do not scale off the drawing.



PROPOSED ACCE VISIBILITY SPLAY



17.12.2025	BP	Proposed shown	JW
17.12.2025	BP	Option added	JW
11.12.2025	BP	First Issue	JW
DATE	BY	DESCRIPTION	CHECKED



ENT



SUBJECT

AND AT JUNCTION 22 OF THE M1
LIFFE HILL FARM

FUNCTION VISIBILITY

PROJECT NUMBER 30206	DRAWING STATUS PRELIMINARY	OFFICE NORTH	
E @ A0 1:250	DATE 11.12.2025	DRAWN BY BP	CHECKED BY JW

AWING No	REV
0206-BGL-XX-XX-SK-C-00016	P03

Appendix C

Arriva Correspondence



James Parker
Hub Transport Planning Ltd
Floor 1B
4 Temple Row
Birmingham
B2 5HG

08/01/26

Dear James,

Ref: Land at Markfield - 25/00931/FUL

Further to our recent correspondence, I am pleased to confirm our agreement in principle to divert eastbound journeys of our existing 29/29A bus service into the development site and out onto Whitwick Road, subject to provision of an additional bus stop within the development site in lieu of the current A50 bus stop layby.

We understand that the private road through the development will be constructed to an adoptable standard, and will be appropriately maintained by the management company including a suitable winter maintenance regime.

I look forward to continuing to work with you on this development, and finalising the operational arrangements in due course.

Kind regards,

A handwritten signature in black ink, appearing to read 'T. J. France', with a horizontal line underneath.

Toby J France FCILT, FCIHT, CMgr MCM
Head of Commercial

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Thurmaston
Leicester
LE4 8PH

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