

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 27 Traffic and Transport

Volume 3 Appendices

Appendix 27.1 Annex A Special Order All Swept Path Analysis

Date: February 2025

Document Reference: 6.3.27.1.A

Pursuant to APFP Regulation: 5(2)(a)

Revision: 3.0

Company:		Outer Dowsing Offshore Wind		Asset:		Whole Asset	
Project:		Whole Wind Farm		Sub Project/Package:		Whole Asset	
Document Title or Description:		Appendix 27.1 Annex A Special Order AIL Swept Path Analysis					
Internal Document Number:		PP1-ODOW-DEV-CS-REP-0135-A_03		3 rd Party Doc No (If applicable):		N/A	
Rev No.	Date	Status / Reason for Issue	Author	Checked by	Reviewed by	Approved by	
1.0	March 2024	DCO Application	SLR Consulting	GoBe Consultants	Shepherd & Wedderburn	Outer Dowsing	
2.0	December 2024	Deadline 3	SLR Consulting	Outer Dowsing	Shepherd & Wedderburn	Outer Dowsing	
3.0	February 2025	Examination ES Update: updates to reflect clarifications to date in Examination; and references to LAQM tools and datasets amended (where relevant) as some have been updated in the interim since the original assessment.	SLR Consulting	Outer Dowsing	Shepherd & Wedderburn	Outer Dowsing	



Annex A Special Order AIL Swept Path Analysis

Volume 3, Appendix 27.1: Transport Assessment

Outer Dowsing Offshore Wind Environmental Statement

GoBe Consultants Ltd


SLR Project No.: 410.V05356.00013

26 February 2025



- Notes:
- 1. Sweep Path Drawing Details
 - H001 - Route Plan
 - H002 - Vehicle Details
- Primary Route
- H003 - Sutton Bridge - Bridge Road / A17 Roundabout Junction
 - H004 - Sutton Bridge - A17/Tyld Gose Roundabout
 - H005 - Sutton Bridge - A17/A1101 Roundabout
 - H006 - Sutton Bridge - A17/B1350 Roundabout
 - H007 - Sutton Bridge - A17/B1359 Roundabout
 - H008 - Holbeach - A17/B1168 Roundabout
 - H009 - Holbeach - A17/A151 Peppermint Roundabout
 - H010 - Not Used
 - H011 - A17/A16 Sutton Roundabout
 - H012 - Sutton - A16 Site Access
 - H013 - Not Used
 - H014 - Not Used
- Alternative Route
- H015 - Holbeach - A17/A151 Peppermint Roundabout
 - H016 - Holbeach - A151 Roundabout
 - H017 - Holbeach - A151 Roundabout
 - H018 - Weston - A151 Roundabout
 - H019 - Spalding - A151/A16 Roundabout
 - H020 - Sutton - A16 Site Access

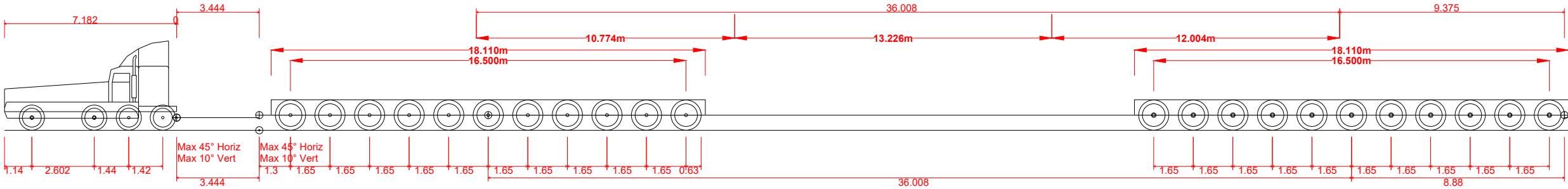
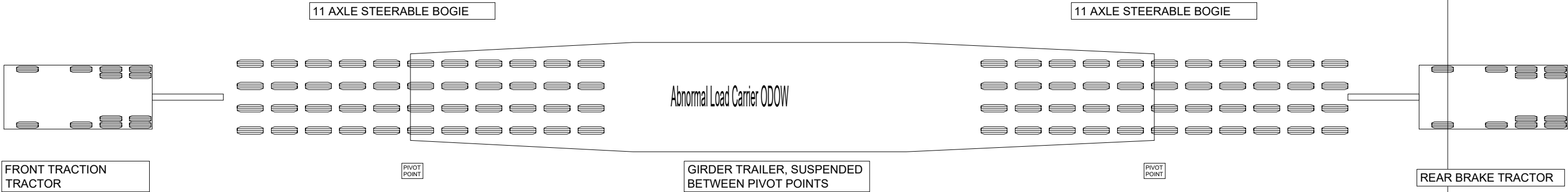
- Legend:
- Primary Route Option considered
 - Alternative Route Option to be considered

Rev	Amendments	Date	By	Chk	Auth
 www.slrconsulting.com					
Drawing Status & Security Code					
Other					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEET PATH ANALYSIS ROUTE DETAILS					
Scale 1:75,000		@ A3		SLR Project No. 410.V05356.00013-0003	
Designed DPP	Drawn DPP	Checked DM	Authorised DM		
Date DEC 24	Date DEC 24	Date DEC 24	Date DEC 24		
Drawing Number SHE.410.V05356.00013-H001					Rev. R1

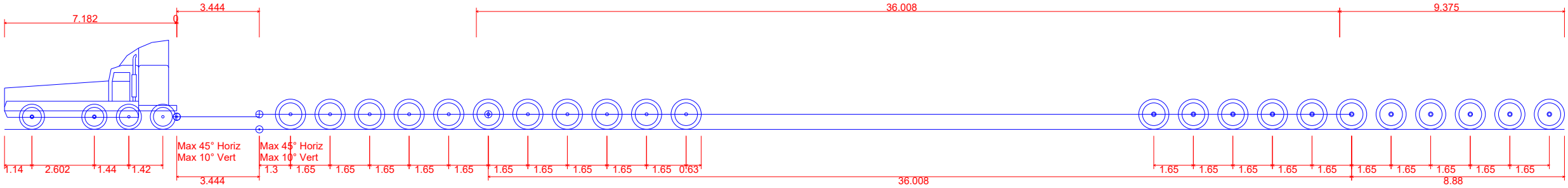


Notes:
1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELED.

Legend:




Abnormal Load Carrier ODOV
Overall Length 65.064m
Overall Width 5.300m
Overall Body Height 3.725m
Min Body Ground Clearance 0.505m
Max Track Width 3.600m
Lock to lock time 6.00s
Wall to Wall Turning Radius 9.800m



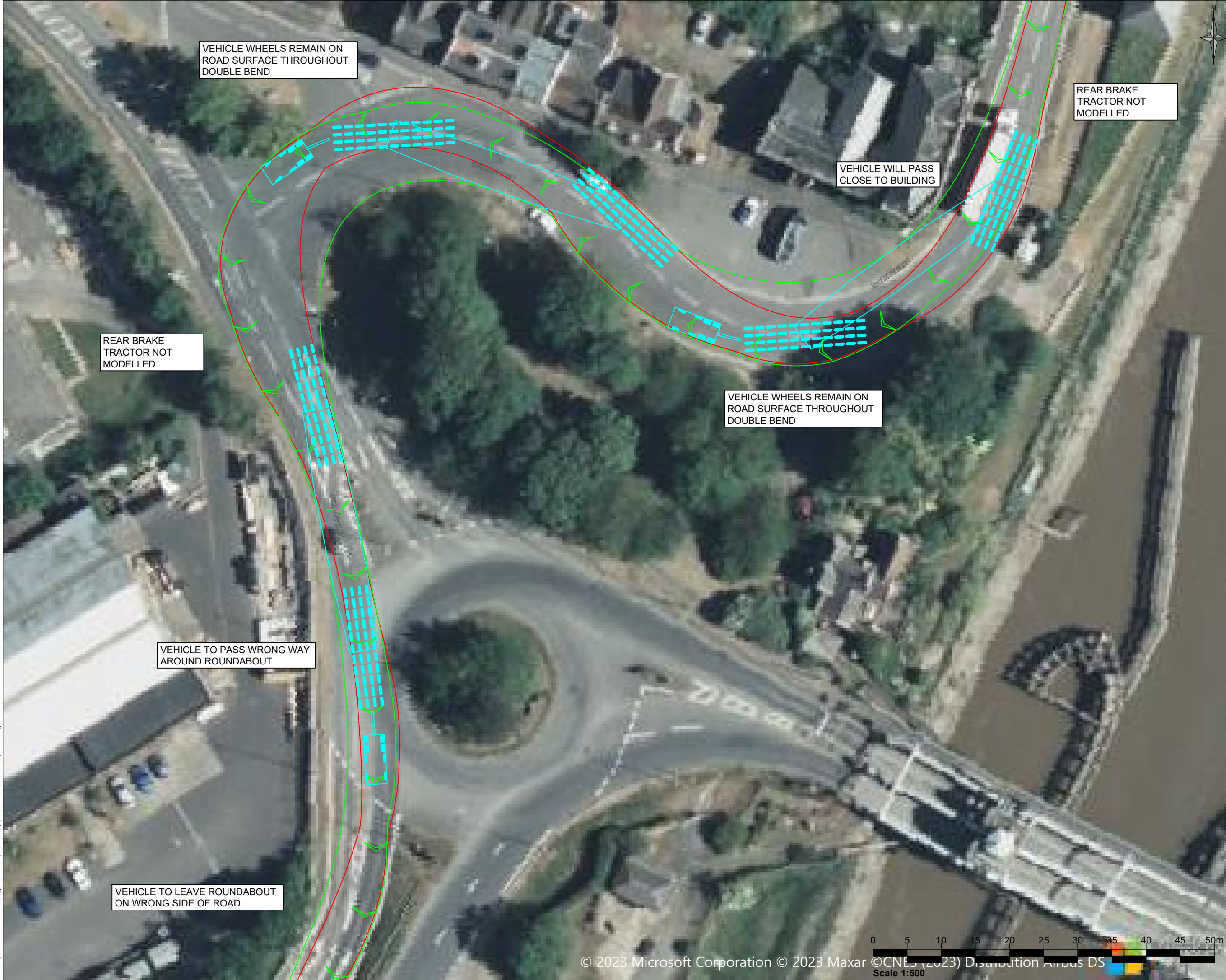
Abnormal Load Carrier start again 01
Overall Length 65.064m
Overall Width 5.300m
Overall Body Height 3.725m
Min Body Ground Clearance 0.505m
Max Track Width 3.600m
Lock to lock time 6.00s
Wall to Wall Turning Radius 9.800m

REAR BRAKE TRACTOR NOT MODELED
IN VEHICLE USED FOR SWEEP PATHS.
UNABLE TO GET LINKAGE TO MAIN
VEHICLE TO WORK ADEQUATELY.

Rev	Amendments		Date		By	Chk	Auth
<div>SLR</div> <div>www.slrconsulting.com</div>							
Drawing Status & Suitability Code							
Client							
Project ODOV ABNORMAL LOAD ROUTE ASSESSMENT							
Drawing Title SWEPT PATH ANALYSIS VEHICLE DETAILS							
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Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23				
Drawing Number SHE.410.V05356.00013-H002							Rev R0




Scale 1:200

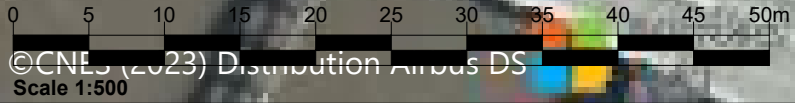


Notes:

1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.

Legend:

Rev	Amendments	Date	By	Chk	Auth
 www.slrconsulting.com					
Drawing Status & Suitability Code					
Client					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEPT PATH ANALYSIS SUTTON BRIDGE BRIDGE ROAD - A17 JUNCTION					
Scale 1:500 @ A3		SLR Project No. 410.V05356.00013-0003			
Designed DPP	Drawn DPP	Checked DM	Authorised DM		
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23		
Drawing Number SHE.410.V05356.00013-H003					Rev R0



15/06/2023
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Notes:

1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.

Legend:

Rev	Amendments	Date	By	Chk	Auth
<div>SLR</div> <div>www.slrconsulting.com</div>					
Drawing Status & Suitability Code					
Client					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEPT PATH ANALYSIS SUTTON BRIDGE A17 ROUNDABOUT					
Scale 1:500		@ A3		SLR Project No. 410.V05356.00013-0003	
Designed DPP	Drawn DPP	Checked DM	Authorised DM		
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23		
Drawing Number SHE.410.V05356.00013-H004					Rev R0

15/06/2023

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Notes:

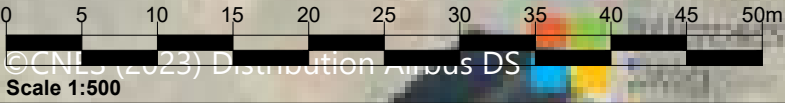
1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.

Legend:

REAR BRAKE
TRACTOR NOT
MODELLED

VEHICLE WHEELS REMAIN ON
ROAD SURFACE THROUGHOUT
TURN

Rev	Amendments	Date		By	Chk	Auth
<div></div> <div>SLR</div> <div>www.slrconsulting.com</div>						
Drawing Status & Suitability Code						
Client						
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT						
Drawing Title SWEPT PATH ANALYSIS SUTTON BRIDGE A17 ROUNDABOUT						
Scale 1:500		@ A3		SLR Project No. 410.V05356.00013-0003		
Designed DPP	Drawn DPP	Checked DM	Authorised DM			
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23			
Drawing Number SHE.410.V05356.00013-H005					Rev R0	





Notes:

1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELED.

Legend:

THERE MAY BE AN EASIER PATH THROUGH THE ROUNDABOUT ON THE WRONG SIDE OF THE ROAD, HAULAGE CONTRACTOR TO DETERMINE THE BEST ROUTE TO TAKE. BOTH PATHS THROUGH THE ROUNDABOUT ARE SHOWN.

VEHICLE TO LEAVE ROUNDABOUT ON WRONG SIDE OF ROAD.

VEHICLE TO PASS WRONG WAY AROUND ROUNDABOUT


AREAS OF VERGE PROTECTION REQUIRED

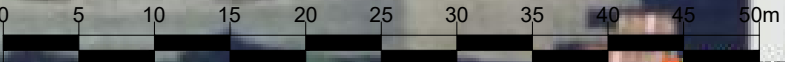
VEHICLE TO ENTER ROUNDABOUT ON WRONG SIDE OF ROAD.

AREAS OF VERGE PROTECTION REQUIRED

AREAS OF VERGE PROTECTION REQUIRED

REAR BRAKE TRACTOR NOT MODELLED

Rev	Amendments	Date	By	Chk	Auth
 www.slrconsulting.com					
Drawing Status & Suitability Code					
Client					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEPT PATH ANALYSIS SUTTON BRIDGE A17/B1390 ROUNDABOUT					
Scale 1:500 @ A3		SLR Project No. 410.V05356.00013-0003			
Designed DPP	Drawn DPP	Checked DM	Authorised DM		
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23		
Drawing Number SHE.410.V05356.00013-H006					Rev R0



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Notes:

1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELED.

Legend:

Rev	Amendments		Date		By	Chk	Auth
<div></div> <div>www.slrconsulting.com</div>							
Drawing Status & Suitability Code							
Client							
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT							
Drawing Title SWEPT PATH ANALYSIS SUTTON BRIDGE A17/B1359 ROUNDABOUT							
Scale 1:500		@ A3		SLR Project No. 410.V05356.00013-0003			
Designed DPP	Drawn DPP	Checked DM	Authorised DM				
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23				
Drawing Number SHE.410.V05356.00013-H007						Rev R0	



Scale 1:500



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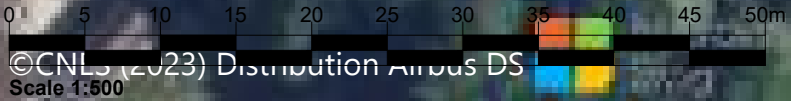
1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.

Legend:

www.slrconsulting.com							
Drawing Status & Suitability Code							
Client							
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT							
Drawing Title SWEPT PATH ANALYSIS HOLBEACH A17/B1168 ROUNDABOUT							
Scale 1:500		@ A3		SLR Project No. 410.V05356.00013-0003			
Designed DPP	Drawn DPP	Checked DM	Authorised DM				
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23				
Drawing Number SHE.410.V05356.00013-H008					Rev R0		

REAR BRAKE
TRACTOR NOT
MODELLED

VERGE PROTECTION
REQUIRED





Notes:			
1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.			
Legend:			

THERE MAY BE AN EASIER PATH THROUGH THE ROUNDABOUT ON THE WRONG SIDE OF THE ROAD, HAULAGE CONTRACTOR TO DETERMINE THE BEST ROUTE TO TAKE. BOTH PATHS THROUGH THE ROUNDABOUT ARE SHOWN.

VEHICLE TO LEAVE ROUNDABOUT ON WRONG SIDE OF ROAD.


VEHICLE TO PASS WRONG WAY AROUND ROUNDABOUT

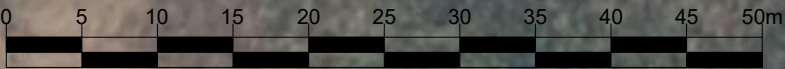
VEHICLE TO ENTER ROUNDABOUT ON WRONG SIDE OF ROAD.

AREAS OF VERGE PROTECTION REQUIRED

VERGE PROTECTION REQUIRED

REAR BRAKE TRACTOR NOT MODELLED

Rev	Amendments	Date	By	Chk	Auth
 www.slrconsulting.com					
Drawing Status & Suitability Code					
Client					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEPT PATH ANALYSIS HOLBEACH A17/A151 PEPPERMINT ROUNDABOUT					
Scale 1:500		@ A3		SLR Project No. 410.V05356.00013-0003	
Designed DPP	Drawn DPP	Checked DM	Authorised DM		
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23		
Drawing Number SHE.410.V05356.00013-H009					Rev. R0



Scale 1:500



Notes:

1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.

Legend:

VEHICLE TO PASS WRONG WAY
AROUND ROUNDABOUT

VEHICLE TO DRIVE
OVER TRAFFIC
ISLAND

REAR BRAKE
TRACTOR NOT
MODELLED

VEHICLE TO ENTER ROUNDABOUT
ON WRONG SIDE OF ROAD.

Rev	Amendments	Date	By	Chk	Auth
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Drawing Status & Suitability Code

Client

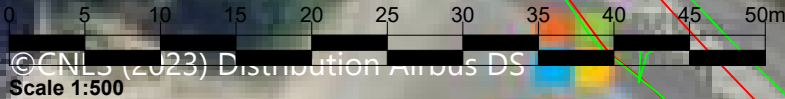
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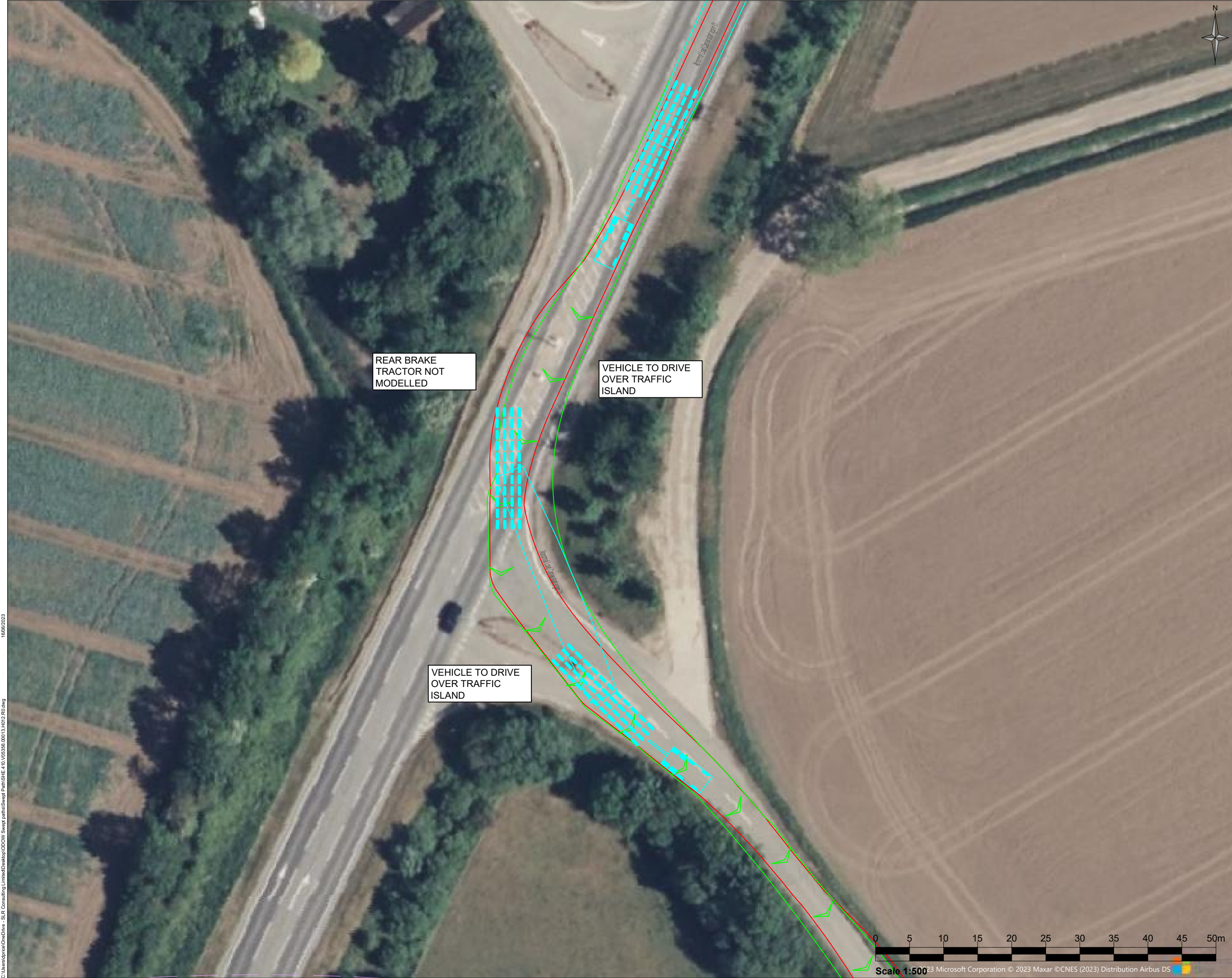
Drawing Title
SWEPT PATH ANALYSIS
SUTTERTON
A17/A16 SUTTERTON ROUNDABOUT

Scale 1:500	@ A3	SLR Project No. 410.V05356.00013-0003
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Designed DPP	Drawn DPP	Checked DM	Authorised DM
Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23

Drawing Number SHE.410.V05356.00013-H010	Rev R0
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Notes:

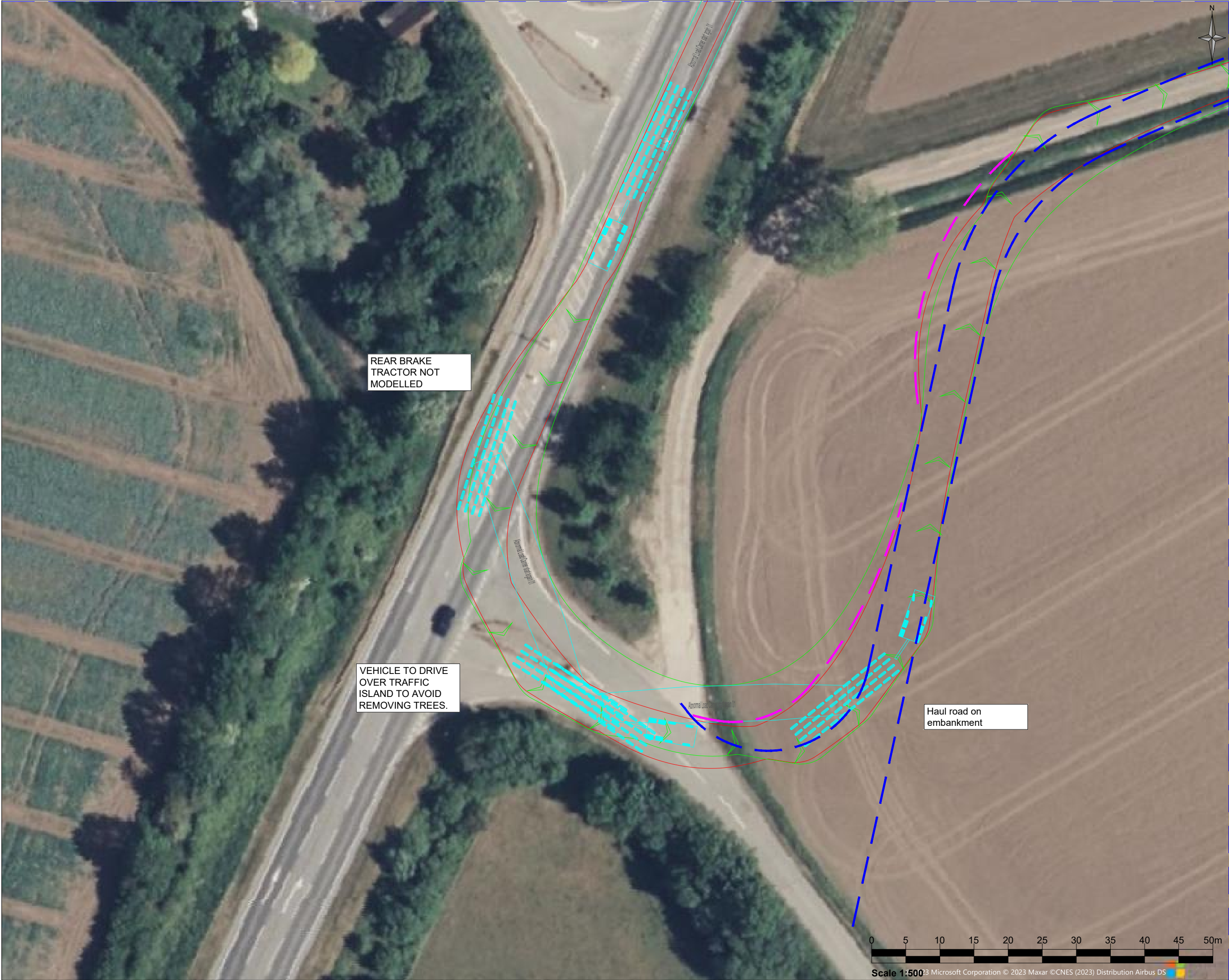
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Legend:

Rev	Amendments	Date	By	Chk	Auth
 www.slrconsulting.com					
Drawing Status & Suitability Code					
Client					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEPT PATH ANALYSIS SUTTERTON A16 SITE ACCESS					
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Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23		
Drawing Number SHE.410.V05356.00013-H011					Rev R0

13/09/2023


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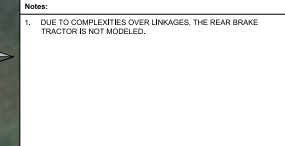
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Legend:

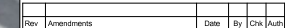
Rev	Amendments	Date	By	Chk	Auth
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Scale 1:500 @ A3		SLR Project No. 410.V05356.00013-0003			
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Date JUNE 23	Date JUNE 23	Date JUNE 23	Date JUNE 23		
Drawing Number SHE.410.V05356.00013-H012					Rev R2



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Legend:



Downloaded Status & Subscribe Code

Client _____

Project	ODOW ABNORMAL LOAD ROUTE ASSESSMENT
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Drawing Title
SWEPT PATH ANALYSIS - SECONDARY ROUTE
HOLBEACH
A17/A151 PEPPERMINT ROUNDABOUT

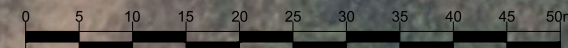
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Designed DPP	Drawn DPP	Checked DM	Authorised DM
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Date DEC 24	Date DEC 24	Date DEC 24	Date DEC 24
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Drawing Number	Rev.
SHE.410.V05356.00013-H015	R0

REAR BRAKE
TRACTOR NOT
MODELLED



Scale 1:500

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Notes:

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Legend:

Rev	Amendments	Date	By	Chk	A
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Drawing Status & Suitability Code

5

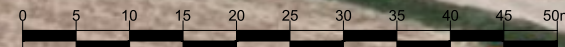
Project
ODOW
ABNORMAL LOAD ROUTE ASSESSMENT

Drawing Title
SWEPT PATH ANALYSIS - SECONDARY ROUTE
HOLBEACH
A151 ROUNDABOUT

Scale 1:500	@ A3	SILR Project No. 410.V05356.00013-0003
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Designed DPP	Drawn DPP	Checked DM	Authorised DM
Date DEC 24	Date DEC 24	Date DEC 24	Date DEC 24

Drawing Number	Rev.
SHE.410.V05356.00013-H016	R0



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Notes:

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Legend:

Rev	Amendments	Date	By	Chk	Auth
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Drawing Status & Submittal Code

Client

Project:
ODOW
ABNORMAL LOAD ROUTE ASSESSMENT

Drawing Title:
SWEEP PATH ANALYSIS - SECONDARY ROUTE
HOLBEACH
A151 ROUNDABOUT

Scale:
1:500 @ A3

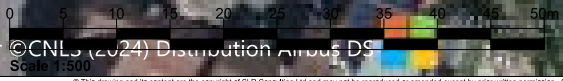
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Designed DPP	Drawn DPP	Checked DM	Authorised DM
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Date DEC 24	Date DEC 24	Date DEC 24	Date DEC 24
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Drawing Number:
SHE.410.V05356.00013-H017

Rev:
R0






Notes:

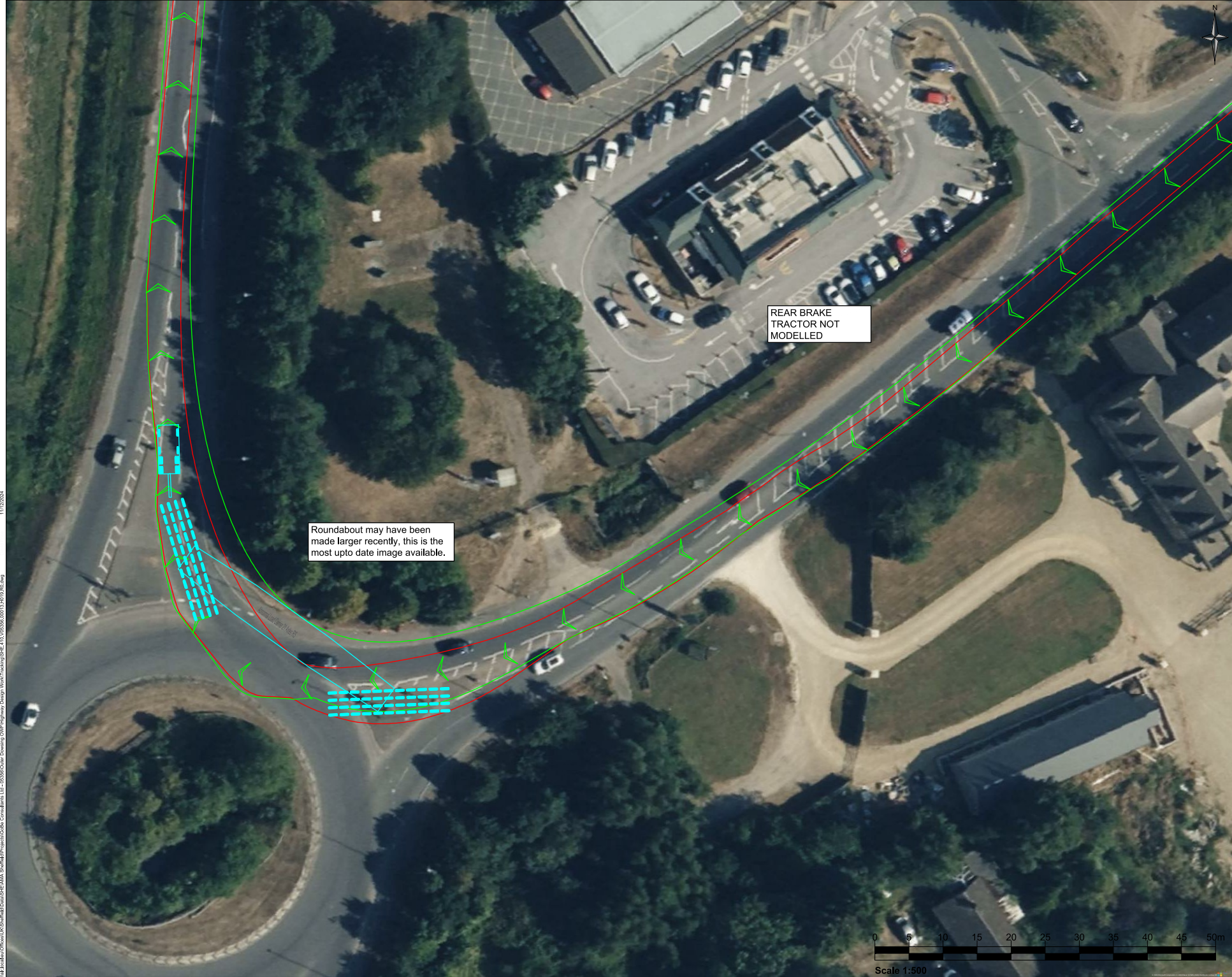
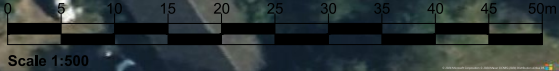
1. DUE TO COMPLEXITIES OVER LINKAGES, THE REAR BRAKE TRACTOR IS NOT MODELLED.

Legend:

REAR BRAKE
TRACTOR NOT
MODELLED

Roundabout may have been
made larger recently, this is the
most upto date image available.

Rev	Amendments	Date	By	Chk	Auth
 www.slrconsulting.com					
Drawing Status & Submittal Code					
Client					
Project ODOW ABNORMAL LOAD ROUTE ASSESSMENT					
Drawing Title SWEEP PATH ANALYSIS - SECONDARY ROUTE SPALDING A151/A16 ROUNDABOUT					
Scale 1:500		SLR Project No. 410.V05356.00013-0003			
Designed DPP	Drawn DPP	Checked DM	Authorised DM		
Date DEC 24	Date DEC 24	Date DEC 24	Date DEC 24		
Drawing Number SHE.410.V05356.00013-H019					Rev. R0



11/2/2024

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