



HAMPTON WINDFARM

39M BLADE

APRIL 7, 2025

CLIENT: WAKEFIELD PLANNING

NEWACASTLE

REVISION: REV00

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2 Version History

Rev	Date	Change	Responsible	Approved
00	05/04/25	Report Compiled	E Novak	✓
00	07/04/25	Report Completed	W Andrews	✓

3 Introduction

This report utilises observations and previous experience on sections of the route and outlines the proposed transport of wind turbine equipment from Newcastle to Hampton Windfarm.

The route study was undertaken on 02-04-25.

4 Project Data

Date of latest Route Assessment – 02-04-25

Survey undertaken by - (Rex J Andrews P/L)

Project name - Hampton Windfarm

Location - Newcastle (NSW) to Hampton (NSW)

Turbine type - 39m Blade

5 Port of Import

The wind turbine equipment will be imported from various countries and will arrive on ships into the Port of Newcastle. The client may alternatively source local towers. The ideal berth for these shipments is the Mayfield No.4 Berth. This facility has a hardstand storage area of roughly 100,000 s/q meters, adjacent to the berth.

Access from the storage to the public roads is via a port operated road onto Selwyn Street.



Newcastle Port – Mayfield No.4 Storage Area



Newcastle Port – Mayfield No.4 Storage Area & Berth

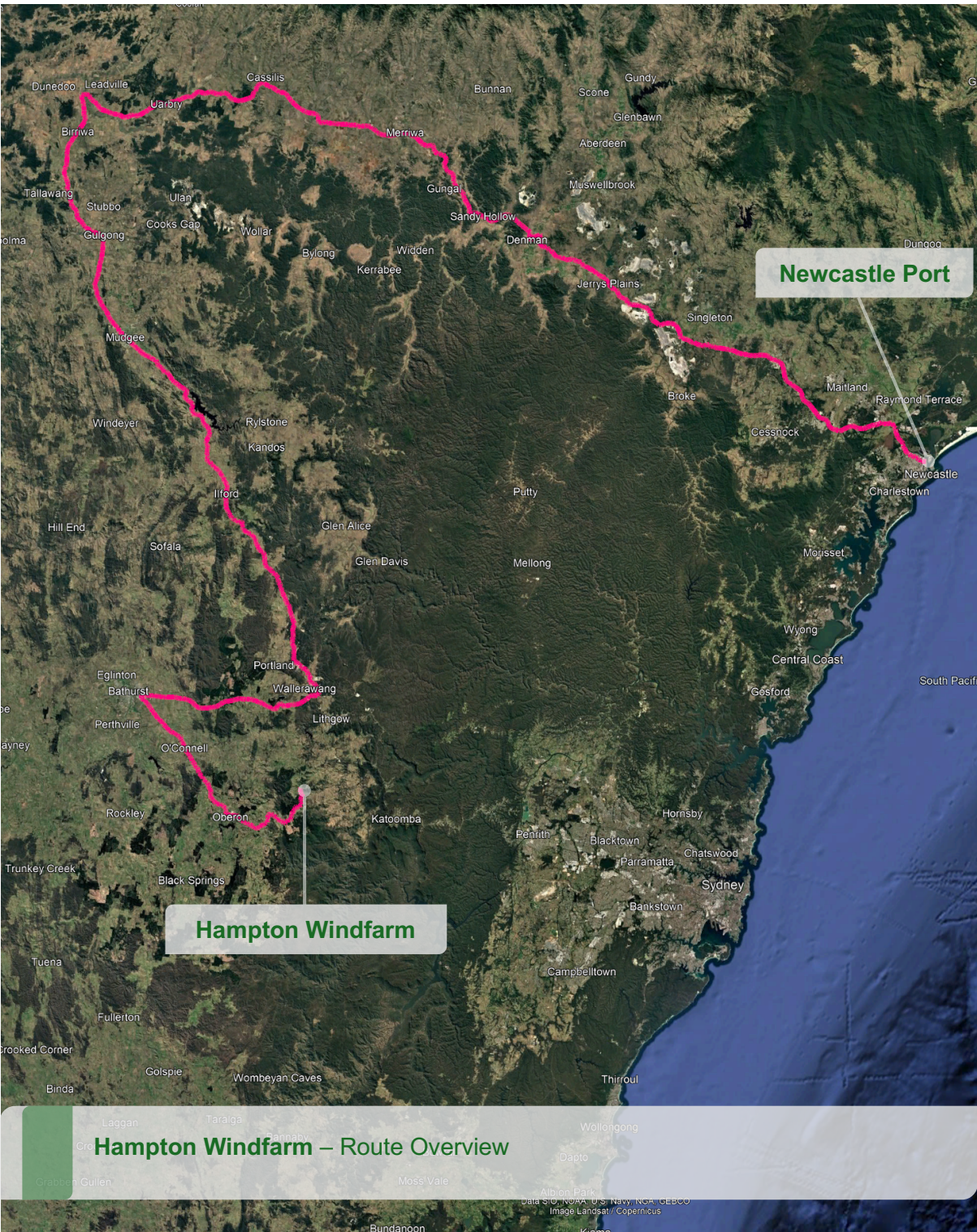
6 Site Location and Layout





Hampton Windfarm – Site Layout

7 Route Overview



8 Route - Study

The study is based on the turbine components, and all imported towers entering Australia via the Mayfield No. 4 Berth at Newcastle Port. After reviewing the possible transport route options, the study found that route shown below is the most suitable option. The route is suitable for loads up to 5.3 metres in loaded height.

ROUTE 1 - Newcastle to Hampton (5.3 Metres Max Loaded Height)

Distance: 593.0 kilometres

Components: All Components.

Route: Selwyn Street, George Street, Industrial Drive, Maitland Road, New England Highway, John Renshaw Drive, Hunter Expressway, New England Highway, Golden Highway, Castlereagh Highway, Great Western Highway, Littlebourne Street, O'Connell Road, Albion Street, Duckmaloi Road, Jenolan Caves Road, Hampton Road.

GPS LINK: <https://maps.app.goo.gl/ZHRE1gUZrGZXJPnbA>

9 Route – Index

KEY	
MODIFICATIONS REQUIRED	
PINCH POINT	
EMERGENCY PARKING	

KM index	Location	Section of road	Current Measurement	Procedure	Notes
0.0	Mayfield	Mayfield #4 berth onto Selwyn Street GPS link: https://goo.gl/maps/aflwPYKuNdm	70.0 metres clearance	Moderate right hand turn	No works required. Spotter to guide the load through this pinch point.
0.4	Mayfield	Selwyn Street rail crossing GPS link: https://goo.gl/maps/AmohE54hKSz	9.0 Metres wide	Travel directly ahead	Loads to travel over the crossing in the center of the road. Approval required crossing this line, likely cross with caution.
1.3	Mayfield	Selwyn Street onto Industrial Drive via George Street GPS link: https://goo.gl/maps/gXeHvBtCp4D2	70.0 metres clearance	Right hand turn	Blades to travel right from Selwyn Street onto George Street, before turning onto Industrial Drive. No work required. Spotter to guide the load through this pinch point.
5.5	Mayfield West	Industrial Drive onto Maitland Road GPS link: https://goo.gl/maps/Kn49dhWG2qG2	70.0 metres clearance	Right hand turn	No work required. Spotter to guide the load through this pinch point.
17.4	Tarro	New England Highway onto John Renshaw Drive GPS link: https://goo.gl/maps/SRDr5JigkBg	Length: N/A Width: 12.0 Mtrs	Left hand merge	No problems with the loads on this section of road.
28.7	Buchanan	John Renshaw Drive onto the Hunter Expressway GPS link: https://goo.gl/maps/pWg3RxePzz9sYLBes	Length: 65.0 Mtrs Width: 7.0 Mtrs	Right hand turn	Blades to travel around the roundabout on the correct side of the road. No work required. Spotter to guide the load through this pinch point.
59.0	Branxton	The Hunter Expressway onto The New England Highway GPS link: https://goo.gl/maps/7rauNuxzqjg	Length: 100.0 Mtrs Width: 12.0 Mtrs	Travel directly ahead	No problems with the loads on this section of road.
67.3	Whittingham	New England HWY onto Golden Hwy GPS link: https://maps.app.goo.gl/1fGhrCw3goeS1Lod6	Length: 70.0 Mtrs Width: 5.0 Mtrs	Left hand turn	No work required. Spotter to guide the load through this pinch point.
67.7	Whittingham	Roundabout on Golden Hwy GPS link: https://maps.app.goo.gl/zpGp1wN6ZMnHQUNv8	Length: 30.0 Mtrs Width: 5.0 Mtrs	Travel directly ahead	No work required. Spotter to guide the load through this pinch point.
77.3	Mount Thorley	Golden HWY at Putty Rd GPS link: https://maps.app.goo.gl/txrDZ8Cm4Ub5Cy5z6	Length: 90.0 Mtrs Width: 8.0 Mtrs	Left hand turn	No work required. Spotter to guide the load through this pinch point.
80.7	Mount Thorley	Golden HWY at Putty Rd GPS link: https://maps.app.goo.gl/q3PCktpgfS3AaxmJ6	Length: 80.0 Mtrs Width: 8.5 Mtrs	Right hand turn. Use slip lane on incorrect side of road	No problems with the loads on this section of road. Spotter to guide the load through this pinch point. Police to block road.

HAMPTON WINDFARM

KM index	Location	Section of road	Current Measurement	Procedure	Notes
98.0	Warkworth	Golden Highway GPS link: https://goo.gl/maps/Y6V6EXaCwxq	200.0 x 8.5 metres	Parking Bay	Suitable parking for Fatigue breaks for all loads.
107.5	Jerrys Plains	Right hand corner on Golden HWY at Jerrys Plains GPS link: https://maps.app.goo.gl/jAvBvCAAXJuc7J7U7	Length: 70.0 Mtrs Width: 8.0 Mtrs	Right hand bend	No problems with the loads on this section of road. Spotter to guide the load through this pinch point.
107.7	Jerrys Plains	Left hand corner on Golden HWY at Jerrys Plains GPS link: https://maps.app.goo.gl/YZMVk9qn1u5JCoHM7	Length: 70.0 Mtrs Width: 8.0 Mtrs	Left hand bend	No work required. Spotter to guide the load through this pinch point.
132.0	Denman	Golden HWY at Denman Rd GPS link: https://maps.app.goo.gl/Y1UxvrtQyVF7PphG9	Length: 60.0 Mtrs Width: 11.0 Mtrs	Left hand turn	No work required. Spotter to guide the load through this pinch point.
137.0	Denman	Golden HWY rail crossing GPS link: https://maps.app.goo.gl/x3Scw4NZ2N66voVG8	Width: 9.0m	Travel directly ahead	Loads to travel over the crossing in the centre of the road. Approval required crossing this line, likely cross with caution.
145.0	Hollydeen	Golden Highway GPS link: https://maps.app.goo.gl/gje81kM6rFtqEpt6	170.0 x 7.5 metres	Parking Bay	Suitable parking for Fatigue breaks for all loads
154.0	Sandy Hollow	Golden Highway under safety Cam GPS link: https://goo.gl/maps/b7t9zH2ankJcvWpT6	Height: 6.3 metres	Travel directly ahead on the correct side	No problems with the loads on this section of road.
181.0	Merriwa	Golden Highway under safety Cam GPS link: https://goo.gl/maps/D92rzQ8vnUcYsqj56	Height: 6.4 metres	Travel directly ahead on the correct side	No problems with the loads on this section of road.
232.0	Cassilis	Golden Highway GPS link: https://goo.gl/maps/vs6YMT6TxCA2	200.0 x 15 metres	Parking Bay	Suitable parking for Fatigue breaks for all loads.
252.0	Uarbry	Golden Highway GPS link: https://maps.app.goo.gl/MVGVFcf5FdDtr3ZaA	160.0 x 7.0 metres	Parking Bay	Suitable parking for Fatigue breaks for all loads.
281.0	Leadville	Golden highway onto the Castlereagh Highway GPS link: https://goo.gl/maps/sCmgFmgEZ621DVrf9	Length: 65.0 metres Width: 11.0 metres	Left hand turn	No work required. Spotter to guide the load through this pinch point.
291.0	Birriwa	Castlereagh Highway rail crossing GPS link: https://goo.gl/maps/BTrCz8VaeLN2	Length: 65.0 metres Width: 9.0 metres	Travel directly ahead	Loads to travel over the crossing in the center of the road. Approval required crossing this line, likely cross with caution.
323.0	Gulgong	Castlereagh Highway at Goolma Road intersection GPS link: https://goo.gl/maps/US53QJHQ6R92	Length: 80 metres Width: 8.0 metres	Travel directly ahead	No work required. Spotter to guide the load through this pinch point.
324.0	Gulgong	Fisher Street onto Medley Rd GPS link: https://goo.gl/maps/GxJvNXi8vB6h7oLS6	Length: 45.0 metres Width: 9.0 metres	Right hand turn	No work required. Spotter to guide the load through this pinch point.
347.0 to 357.0	Mudgee	Castlereagh Highway GPS link: https://goo.gl/maps/iZ4gK5Mo28KzNSDT7	Width: 6.0 metres	Follow the main Highway through Mudgee	Loaded trailers are to avoid travelling through Mudgee on schooldays between 7:00am and 9:00am and again 2:00pm and 4:30pm

HAMPTON WINDFARM

KM index	Location	Section of road	Current Measurement	Procedure	Notes
351.0	Mudgee	Market Street onto Douro Street GPS link: https://goo.gl/maps/iZ4gK5Mo28KzNSDT7	Length: 45.0 metres Width: 6.0 metres	Right hand turn	Signs to be removed and replaced for each movement. Loads to roll over islands. Spotter to guide the load through this pinch point.
351.0	Mudgee	Douro Street GPS link: https://goo.gl/maps/DsVfr7axnanL6XTm8	Length: 70.0 metres Width: 7.0 metres	Travel directly ahead	No work required. Spotter to guide the load through this pinch point. Police and pilots to provide suitable traffic control.
352.0	Mudgee	Douro Street onto Horatio Street GPS link: https://goo.gl/maps/VARs5R2ooQWShcim6	Length: 50.0 metres Width: 7.0 metres	Left hand turn	No parking to be put in place on outside of corner during delivery times. Spotter to guide the load through this pinch point.
353.0	Mudgee	Horatio Street Roundabout GPS link: https://goo.gl/maps/LtMDGuX6cbAL8eri6	Width: 6.5 metres	Travel directly ahead on the correct side of the roundabout	No work required. Spotter to guide the load through this pinch point.
354.0	Mudgee	Horatio Street onto the Castlereagh Highway GPS link: https://goo.gl/maps/z2USqGmixFP1vfr58	Length: 45.0 metres Width: 9.0 metres	Right hand bend	No work required. Spotter to guide the load through this pinch point.
386.0	Cudgegong	Castlereagh highway GPS link: https://goo.gl/maps/uh9zoP97RyC2ie8d6	Length: 150 metres Width: 20.0 metres	Parking Bay	Suitable parking for Fatigue breaks for all loads.
443.0	Ben Bullen	Castlereagh Highway rail crossing GPS link: https://goo.gl/maps/5ZtGAGDHBTq1vX2r8	Length: 60.0 metres Width: 9.0 metres	Left hand than right hand dogleg turn	Loads to travel over the crossing in the center of the road. Approval required crossing this line, likely cross with caution.
458.0	Blackmans Flat	Castlereagh Highway rail crossing GPS link: https://maps.app.goo.gl/xSS591hT8ZTsbHv16	Height: 5.64 meters	Travel directly ahead	Loads to be lowered to under 5.6m to travel under this bridge.
467.0	Wallerawang	Castlereagh Highway under rail overpass GPS link: https://goo.gl/maps/ArPjKqWYbsycKYhu8	Height: 5.3 metres	Travel directly ahead	Loads over 5.3 metres high are to use route 2.
469.0	Wallerawang	Castlereagh Highway onto the Great Western Highway access ramp. GPS link: https://maps.app.goo.gl/62fmZHCyYtbJ6Kr6	Length: 50.0 metres Width: 8.0 metres	Right hand turn	No work required. Spotter to guide the load through this pinch point.
470.0	Wallerawang	Castlereagh Highway access ramp onto Great Wester Hwy GPS link: https://maps.app.goo.gl/ahuvruqbUz7FwVBaA	Length: 50.0 metres Width: 8.0 metres	Right hand turn	No work required. Spotter to guide the load through this pinch point.
482.0	Mt Lamblie	Great Western Highway GPS link: https://maps.app.goo.gl/iG2fwWhgDhcq3gR7	Length: 120 metres Width: 10 metres	Left merge	Suitable parking for Fatigue breaks for all loads.
500.0	Yetholme	Great Western Highway GPS link: https://maps.app.goo.gl/ySCXxDgmhpPVqb1b6	Length: 120 metres Width: 10 metres	Left merge	Parking on the right-hand side of the road for blades only. Possible overnight parking for the blades.
518.0	Kelso	Great Western Highway Roundabout GPS link: https://goo.gl/maps/eKjPbsNshG4bYeEC9	Length: 50.0 metres Width: 6.5 metres	Travel directly ahead through the roundabout	No work required. Spotter to guide the load through this pinch point.

HAMPTON WINDFARM

KM index	Location	Section of road	Current Measurement	Procedure	Notes
519.0	Kelso	Great Western Highway onto Littlebourne Street GPS link: https://goo.gl/maps/iF173WmTbXTcnXsFA	Length: 50.0 metres Width: 7.0 metres	Left hand turn	No work required. Spotter to guide the load through this pinch point.
523.00	Kelso	O'Connell Road GPS link: https://goo.gl/maps/tE5Mg3onTKm1V9LG8	Length: 12.0 metres Width: 20.0 metres	Left merge	Suitable parking for Fatigue breaks for all loads.
537.0	O'Connell	O'Connell Road GPS link: https://goo.gl/maps/pAAeAGkYPdZnYhf8A	Width: 6.0 metres	Continue on O'Connell Rd	Low trees on either side of the road. Some trimming may be required.
538.0	O'Connell	O'Connell Road GPS link: https://goo.gl/maps/zDc3vrvAUv2tXddo8	Length: 80.0 metres Width: 6.0 metres	Left merge	Emergency parking on the left-hand side of the road, can fit any type of load.
547.0-548.5	Oberon	O'Connell Road (Range) GPS link: https://goo.gl/maps/Lq6yNM3MBwZGpASC6	Length: 70 metres Width: 6.0 metres	Very steep ascent with several very tight turns.	No work required. Spotter to guide the load through this pinch point.
561.0	Oberon	O'Connell Road onto Albion Street GPS link: https://goo.gl/maps/nV3yqxLL9SV7xy6z8	Length: 60 metres Width: 6.0 metres	Left hand turn at roundabout	No work required. Spotter to guide the load through this pinch point.
562.0	Oberon	Roundabout on Albion Street GPS link: https://maps.app.goo.gl/ZW1KiNgUstr22JBEm9	Length: 35 metres Width: 5.0 metres	Travel directly ahead	No work required. Spotter to guide the load through this pinch point.
565.0	Oberon	Albion Street onto Duckmaloi Road GPS link: https://maps.app.goo.gl/XUKFGTMYpEkM7UthA	Length: 35 metres Width: 9.5 metres	Left hand turn	No work required. Spotter to guide the load through this pinch point.
588.0	Hampton	Duckmaloi Road onto Jenolan Caves Road GPS link: https://maps.app.goo.gl/dc4FFKKHZvqA2zEF6	Length: 55 metres Width: 10 metres	Left hand turn	No work required. Spotter to guide the load through this pinch point.
588-593	Hampton	Bends on Jenolan Caves Road GPS link: https://maps.app.goo.gl/HULepW3RwKL8wnpa7	Various	Left/Right Bends	No work required. Spotter to guide the load through this pinch point.
593.0	Hampton	Jenolan Caves Road onto Hampton Road GPS link: https://maps.app.goo.gl/WCscnHe3dYXyUwUw7	Length: 90 metres Width: 4.5 metres	Left hand turn	No work required. Spotter to guide the load through this pinch point.
593.5	Hampton	Bend on Hampton Road GPS link: https://maps.app.goo.gl/NXWV5Y6451R4YNY26	Length: 50 metres Width: 4.5 metres	Left hand bend	Vegetation to be trimmed for blade clearance. Spotter to guide the load through this pinch point.
593.9	Hampton	Hampton Road into Site Entry GPS link: https://maps.app.goo.gl/AYMFEHUh6BqFw/BV8	Length: 35 metres Width: 4.5 metres	Left hand turn	Fence and gate to be modified to accommodate all proposed loads. Hardstand access road to be constructed.

SITE ENTRIES, ACCESS ROADS AND UNSEALED ROADS TO BE UPGRADED, WIDENED & VEGETATION TRIMMED TO ACCOMMODATE THE HEIGHT, WEIGHT, VERTICAL CURVE AND SWEPT PATH REQUIREMENTS OF ALL PROPOSED LOADS.

UNSEALED ROADS TO BE MAINTAINED FOR THE DURATION OF DELIVERIES AND MAY BECOME UN TRAFFICABLE DURING PERIODS OF WET WEATHER

10 Route - Conclusion

After studying all options and undertaking a route survey, this route in its current condition will require a large number of upgrades before it could be deemed suitable for transporting the proposed components.

The following are the key points that need to be taken into consideration, if the project moves forward with this route.

BRIDGES:

- There are a large number of bridges on route that will require bridge assessments for the capacity of the listed loads.

OVERHEAD STRUCTURES: (5.3 Maximum loaded height)

- There are a large number of overhead structures between Newcastle and Wallerawang. The lowest of these structures is the rail underpass on the Castlereagh Highway at Wallerawang. There are a number of other structures noted as pinchpoints in the survey. Each of these pinch points will show the height clearance in each lane.

OVERHEAD UTILITIES:

- This route will need to be checked by an authorised scoping company. It is likely that a route of at least 5.3 metres is required for this project.
- When powerline survey is undertaken parking bays are to be taken into consideration for entering and exiting the parking bay.

OVERHEAD TREES:

- Some minor vegetation trimming may be required for overhanging trees.
- The route is to be checked for a clear passage of at least 5.3 metres for overhead branches. Some trimming/removal is likely. There is a section of road just before O'Connell that is of particular concern.

ROAD PAVEMENT:

- The road is sealed up to the site entry.

NEWCASTLE:

- No works required.

GULGONG:

- One corner at Gulgong will require removal and replacement of signs for each movement.

MUDGEES:

- Several tight corners with no parking required at one corner during delivery times.

BEN BULLEN:

- The dogleg turns over the rail line will require some rail signals to be hinged and lowered for each blade load.

BATHURST:

- Two tight roundabouts.

O'CONNELL ROAD:

- Some vegetation trimming may be required for overhanging trees.

DUCKMALOI ROAD:

- Winding and undulating section of road.

JENOLAN CAVES ROAD:

- Very tight and winding section of road.

HAMPTON ROAD:

- Vegetation to be trimmed for blade clearance as required.

SITE ACCESS ROADS:

- All site access roads to be constructed to appropriate standards to accommodate the height, weight, swept path, gradient limits, and vertical curves (dips & crests) of all proposed loads.
- Roads to be maintained for the duration of deliveries.

11 Route - Evaluation

Assessment of the proposed routes was conducted by Rex J Andrews Engineered Transportation based on onsite route surveys as well as previous experience on sections of the identified routes and transporting turbine equipment similar to the proposed turbine on various other projects. The assessment was conducted utilising the knowledge, experience and intellectual property of Rex J Andrews Engineered Transportation on purpose-built equipment and is not intended for use by other parties.

The assessment considered the key constraints encountered on the routes and an estimation of the amount of work required to make the route viable based on previous experience. Table 1 shows the evaluation of each route and provides an overall ranking to give guidance on the most suitable route for the development from a transport perspective. The assessment was based on operational factors and equipment capability and does not consider external factors such as regulatory, landholder, environmental, cultural or any other external factors beyond the knowledge or control of Rex J Andrews Engineered Transportation.

		Harbour	Road Modification	Road Furnishings	Vegetation	Site Entrance	Bridge Calculations	Overhead utilities	Overall Work Required
1	No Cost								
2	Some Work								
3	Moderate Amount of Work								
4	Large Amount of Work								
Route 1	All OSOM loads	0	1	1	1	3	3	2	3

Table 1 - Route Evaluation

12 References

Australian Load Restraint Guide
Rex J Andrews P/L Drawings
Rex J Andrews route survey # 515 REV00
Wakefield Planning
Google Earth/Maps
Nearmaps
NHVR (OSOM)

Disclaimer: This route study is provided on the basis of information only purposes and is to be used strictly as a guide only; Government approvals would be required before these routes could be deemed suitable for transporting the components over the listed routes.

Any, and all parties using information contained this submission do so at own risk.

RJA accepts no responsibility for the use of all information contained within this report.

Actual approved routes may differ from those surveyed.

Proposed routes may change subject to approvals from authorities.

This study was undertaken using data supplied by Rex J Andrews P/L. Equipment and swept paths might vary if using transport methodology other than the data supplied by Rex J Andrews.

13 Appendix 1 – Transport Dimensions

Nacelle (10.5l x 3.9w x 3.81h x 79.8T)

Possible transport configuration. Prime mover with 2x8 dolly 5X8 Low loader.

Overall length: 26.0l x 4.2w x 5.0h x 118.0T.

Hub (5.52L x 3.99W x 3.37h x 19.2T)

Possible transport configuration. Prime mover with 4x4 Low Loader.

Overall length: 19.0l x 4.0w x 4.6h x 54.5T.

Blades (39.2l x 2.44w x 3.2h x 7.7T)

Possible transport configuration. Prime mover with 3x4 -Blade trailer.

Overall length: 45.0L x 3.5w x 4.9h x 49.0T.

Tower Foundation Ring (4.6l x 4.2w x 2.3h x 20.3T)

Possible transport configuration. Prime mover with 4x4 Low Loader.

Overall length: 19.0l x 4.2w x 4.3h x 54.5T.

Tower section 1 (16.5l x 4.1 x 4.1 x 56.5T)

Possible transport configuration. Prime mover with 6x8 low platform trailer.

Overall length: 30.0l x 4.2w x 5.2h x 98.5T.

Tower section 2 (22.2l x 3.9 x 3.9 x 51.5T)

Possible transport configuration. Prime mover with 3x4-2x8 Dolly jinker.

Overall length: 33.0l x 4.0w x 5.2h x 80.5T.

Tower section 3 (29.5l x 3.62 x 3.62 x 48.0T)

Possible transport configuration. Prime mover with 3x4-2x8 Dolly jinker.

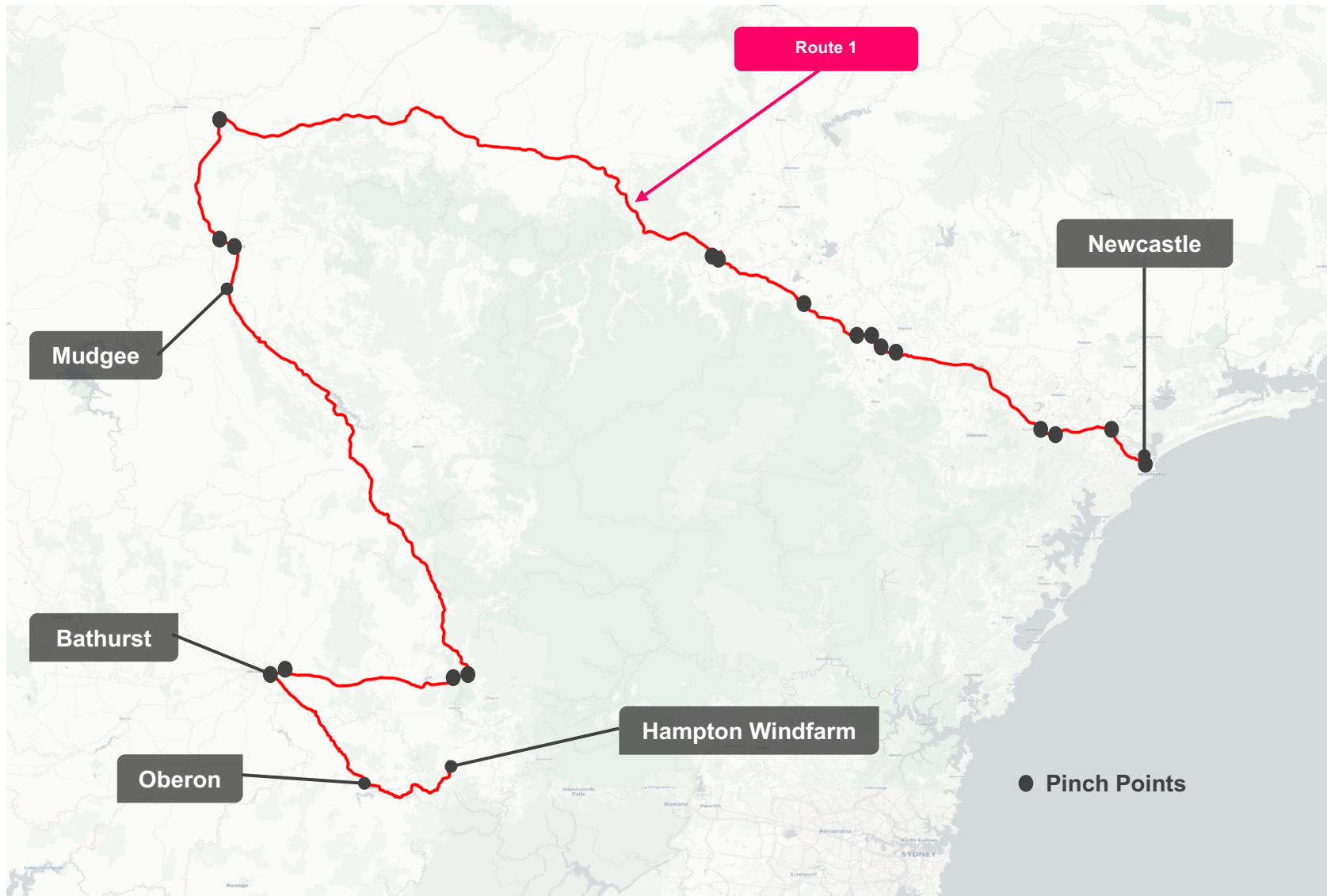
Overall length: 40.0l x 4.0w x 5.2h x 77.5T.

Tower section 4 (29.61l x 2.93 x 2.93 x 29.5T)

Possible transport configuration. Prime mover with 3x4 jinker.

Overall length: 40.0l x 3.5w x 4.8h x 49.5T.

14 Appendix 2 – Route Swept Paths



Pinch Point 0.0 km

Quayside Close
Onto
Selwyn Street

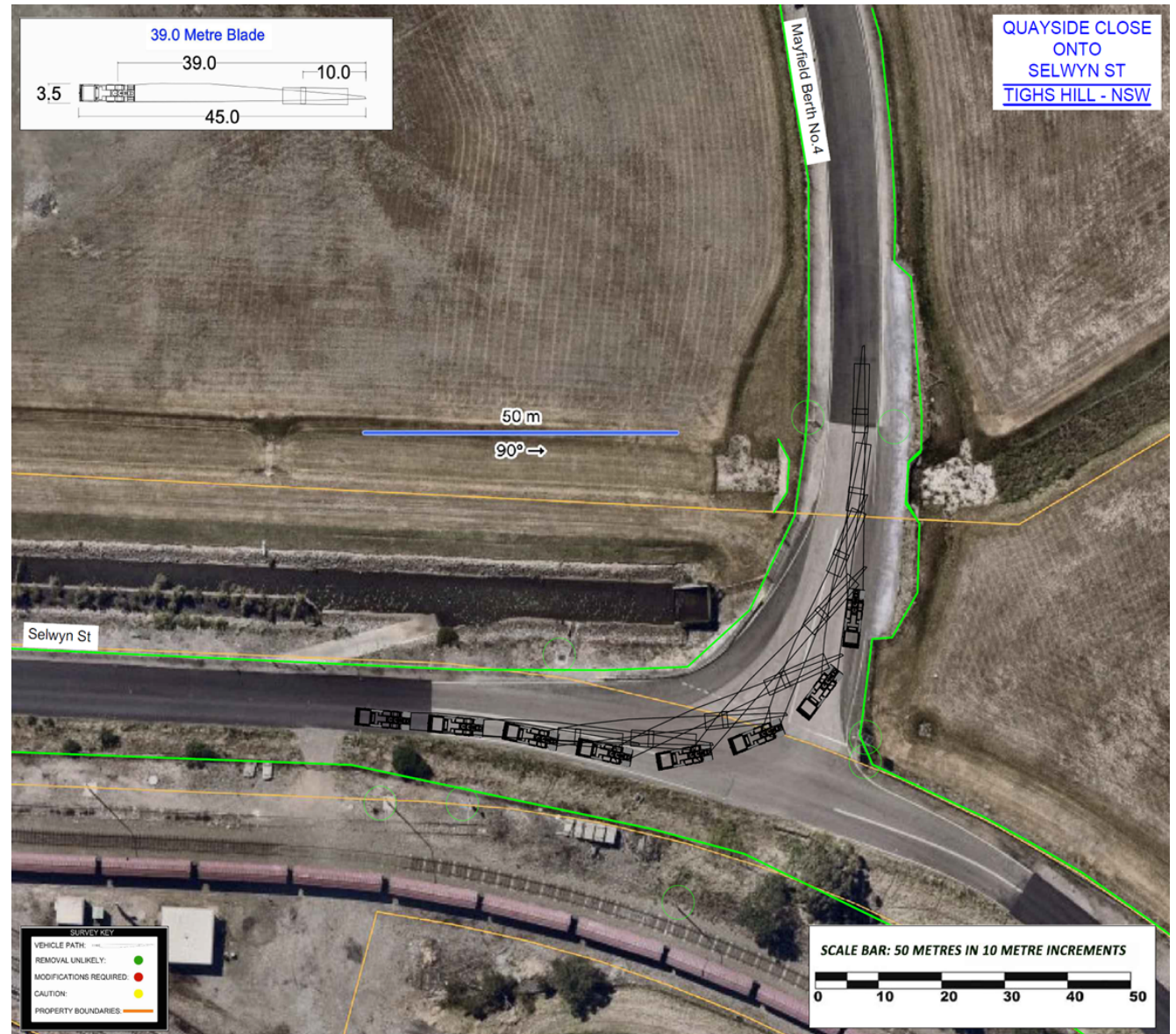
Route 1

PROCEDURE: Moderate Right Hand Turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/tPxvqAxEAQ3swku7A>



Pinch Point 1.3 km

Selwyn Street
onto
Industrial Drive via George Street

Route 1

PROCEDURE: Right Hand Turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/gXeHvBtCp4D2>



Pinch Point 5.5 km

Industrial Drive
Onto
Maitland Road

Route 1

PROCEDURE: Right Hand Turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/Kn49dhWG2qG2>



Pinch Point 28.7 km

John Renshaw Drive
onto
the Hunter Expressway

Route 1

PROCEDURE: Right Hand Turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/pWg3RxePzz9sYLBes8>



Pinch Point 67.3 km

New England Highway
onto
Golden Highway

Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/1fGhrCw3goeS1Lod6>



Pinch Point 67.7 km

Roundabout
on
Golden Highway

Route 1

PROCEDURE: Travel directly ahead

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/zpGp1wN6ZMnHQuNv8>



Pinch Point 77.3 km

Golden Highway
at
Putty Road

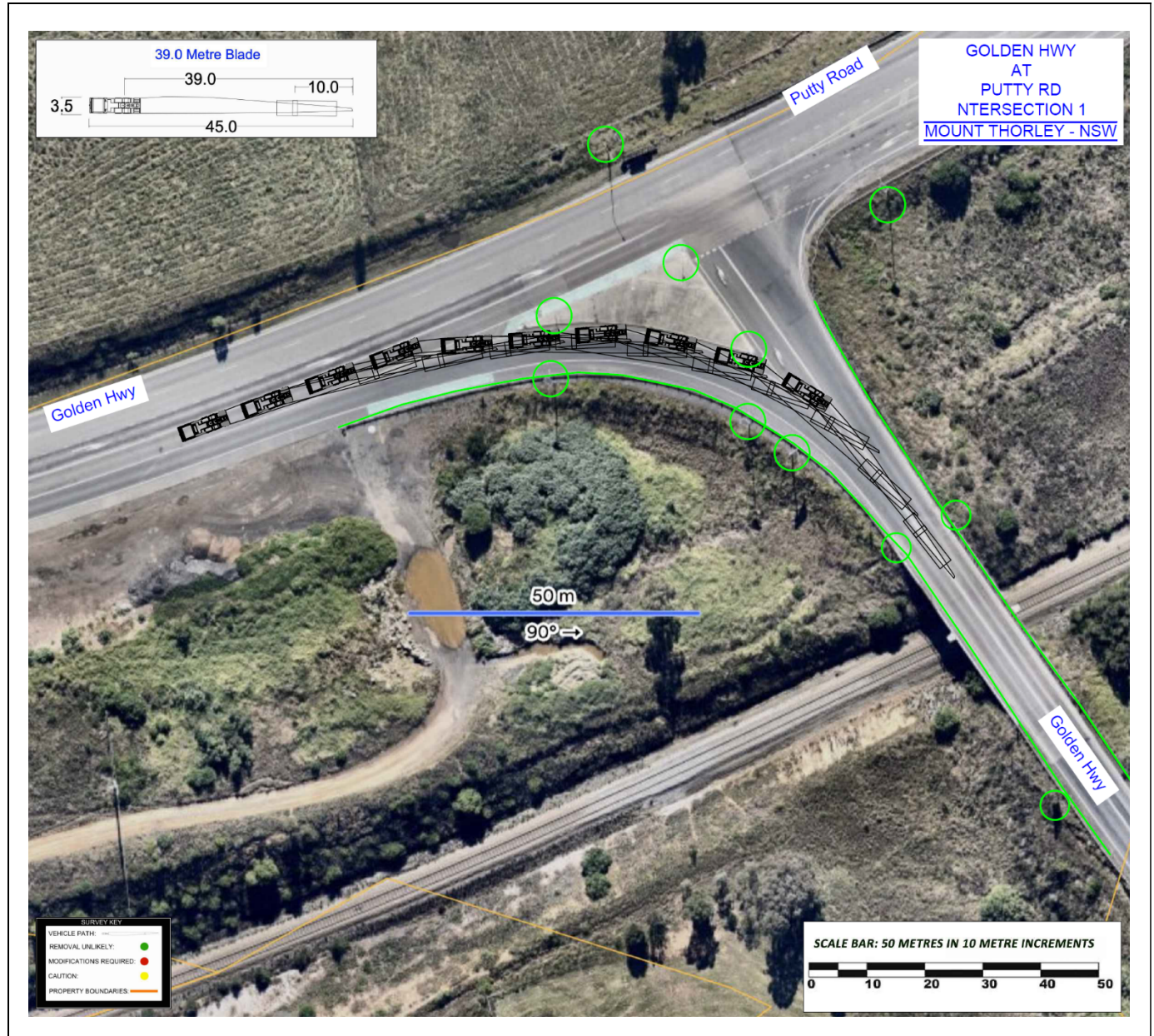
Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/txrDZ8Cm4Ub5Cy5z6>



Golden Highway
at
Putty Road

PROCEDURE: Right hand turn

MODIFICATIONS REQUIRED: No works required.

39.0 Metre Blade

3.5 39.0 10.0 45.0

**GOLDEN HWY
AT
PUTTY RD INTERSECTION 2
MOUNT THORLEY - NSW**

Golden Hwy

Putty Road

Golden Hwy

SURVEY KEY

VEHICLE PATH: —

REMOVAL UNLIKELY: ●

MODIFICATIONS REQUIRED: ●

CAUTION: ●

PROPERTY BOUNDARIES: —

100 m

90° →

SCALE BAR: 50 METRES IN 10 METRE INCREMENTS

0 10 20 30 40 50

Pinch Point 107.5 km

Right Hand bend
on
Golden Highway

Route 1

PROCEDURE: Right hand bend

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/jAvBvCAAXJuc7I7U7>



Pinch Point 107.7 km

Left Hand bend
on
Golden Highway

Route 1

PROCEDURE: Left hand bend

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/YZMVk9gn1u5JCoHM7>



Pinch Point 132.0 km

Golden Highway
at
Denman Road

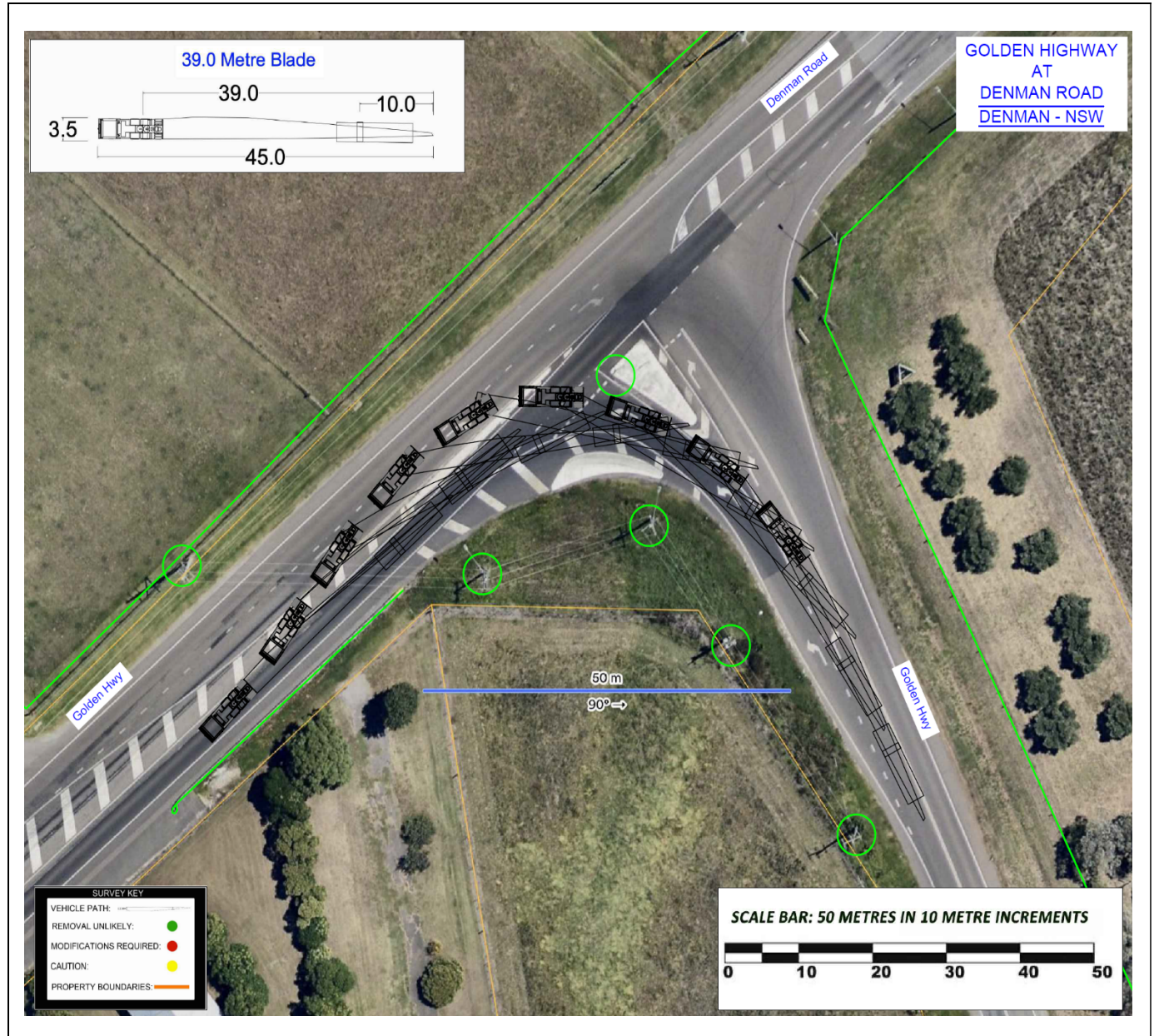
Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/Y1UxvtQyVF7PphG9>



Pinch Point 281.0 km

Golden Highway
onto
Castlereagh Highway

Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/sCmgFmgEZ621DVrf9>



Pinch Point 324.0 km

Fisher Street
onto
Medley Road

Route 1

PROCEDURE: Right hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/GxJvNXi8vB6h7oLS6>



Pinch Point 351.0 km

Market Street
onto
Douro Street

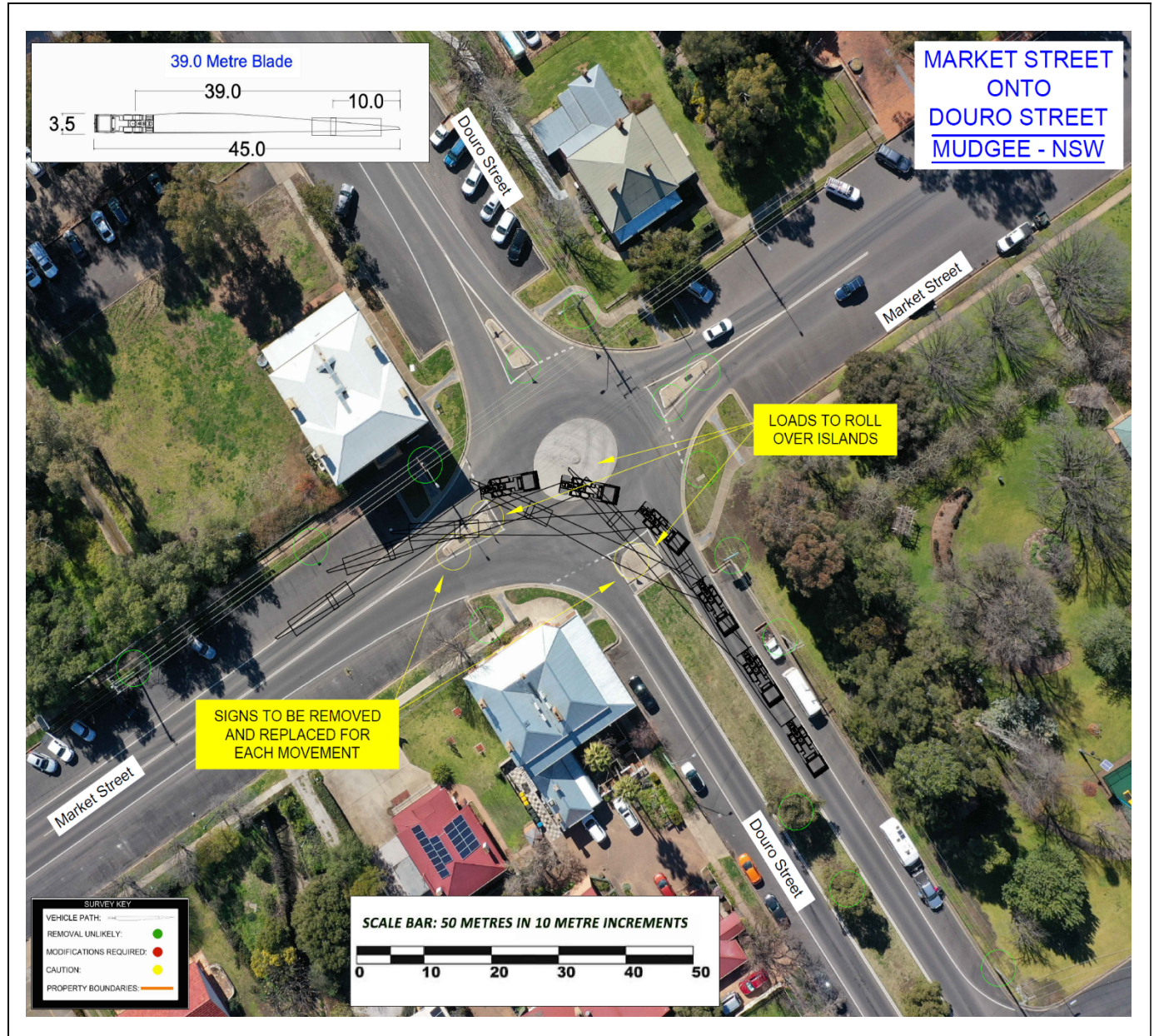
Route 1

PROCEDURE: Right hand turn

COMMENTS: Signs to be removed and replaced for each movement. Loads to roll over islands. Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/jZ4gK5Mo28KzNSDT7>



Pinch Point 352.0 km

Douro Street
onto
Horatio Street

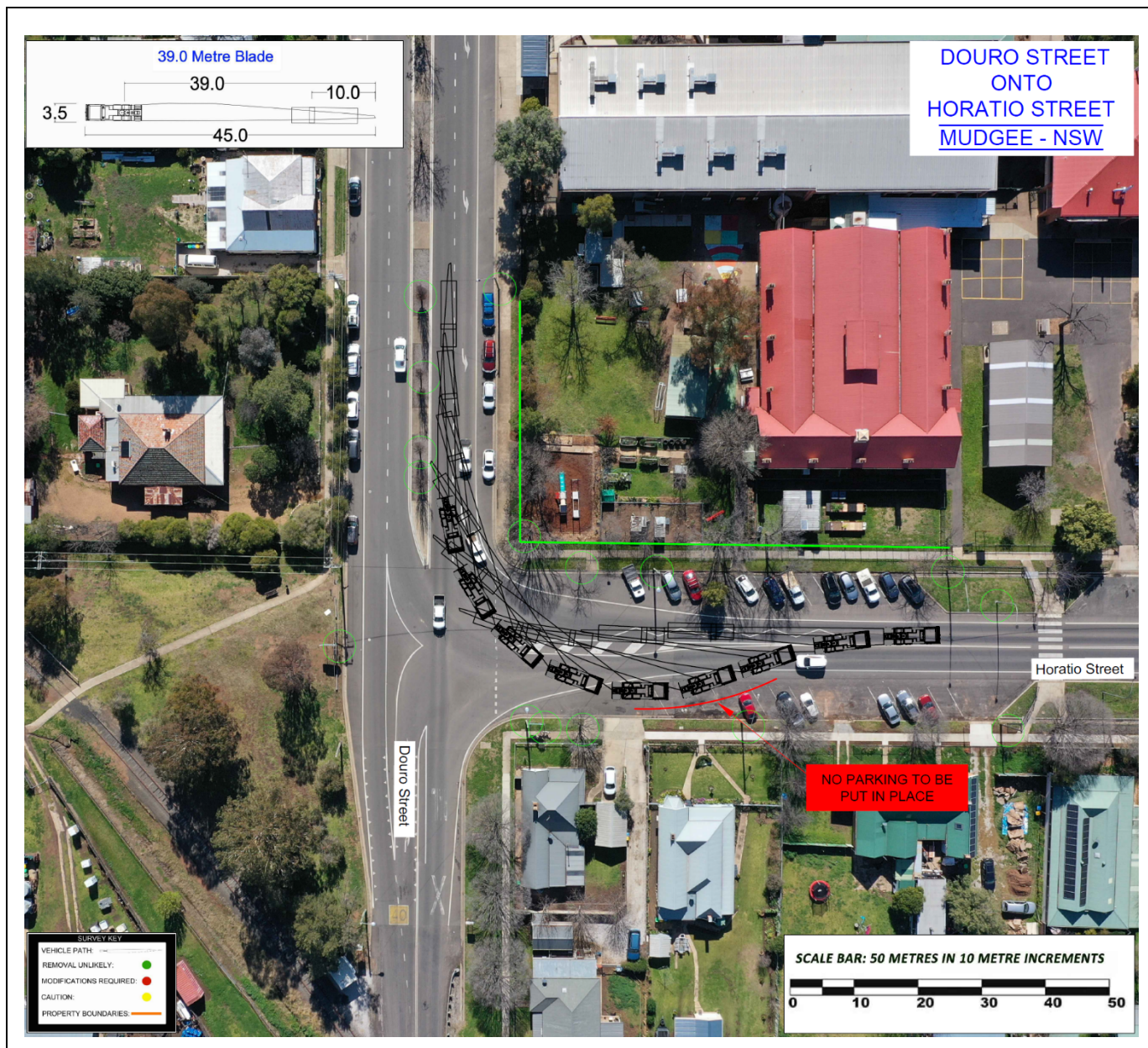
Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No parking to be put in place on outside of corner during delivery times.

GPS LINK: <https://goo.gl/maps/VARs5R2ooQWShcim6>



Pinch Point 353.0 km

Horatio Street
Roundabout

Route 1

PROCEDURE: Travel directly ahead on the correct side of the roundabout

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/LtMDGuX6cbAL8eri6>



Pinch Point 354.0 km

Horatio Street
onto
Castlereagh Highway

Route 1

PROCEDURE: Right hand bend

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/z2USgGmixFP1vfR58>



Pinch Point 469.0 km

Castlereagh Highway
onto
Great Western Highway Access Ramp

Route 1

PROCEDURE: Right hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/62fmZHCyvYtbJ6Kr6>



Pinch Point 470.0 km

Castlereagh Highway Access Ramp
onto
Great Western Highway

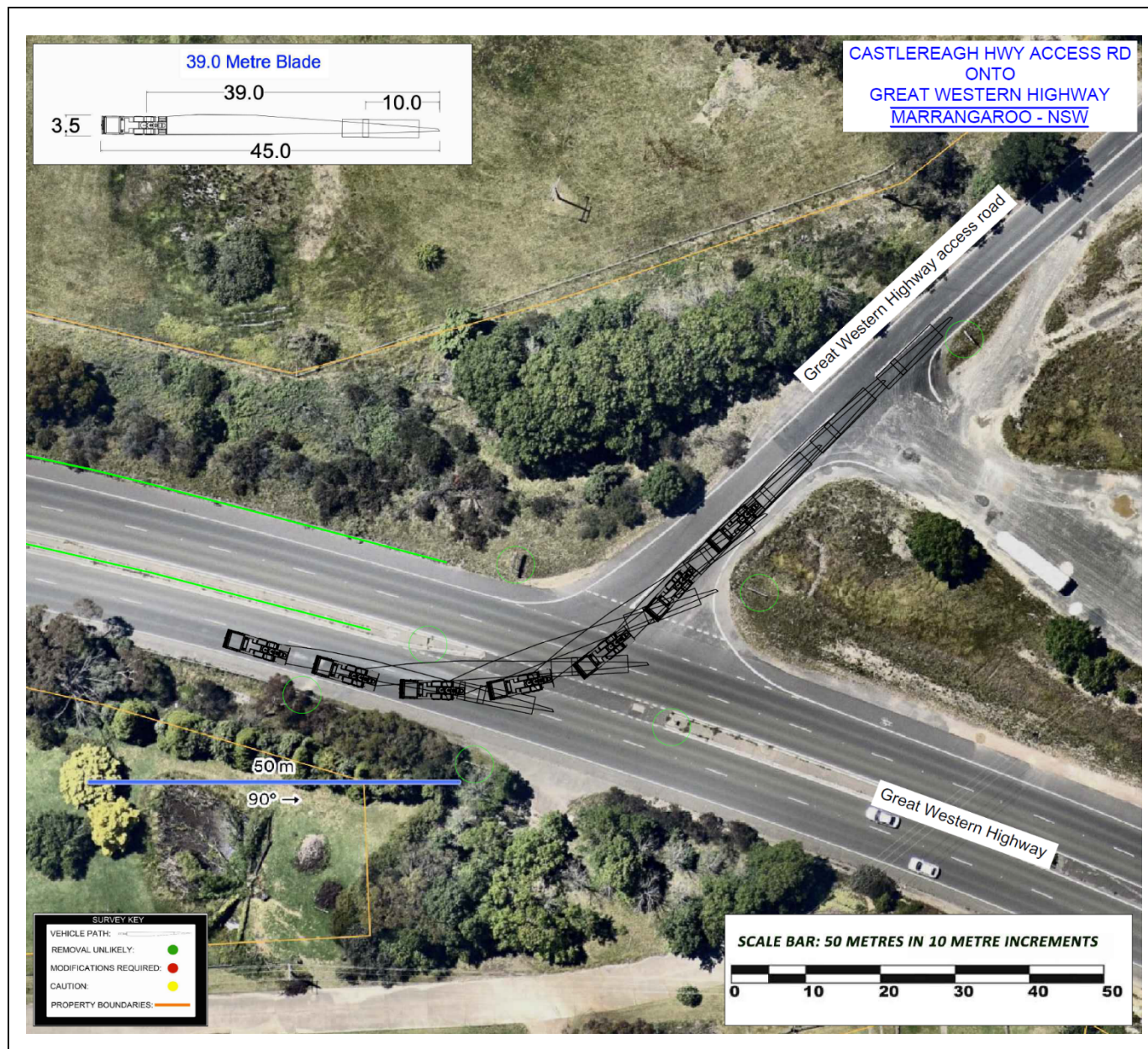
Route 1

PROCEDURE: Right hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/ahuvrugbUZ7FwVBaA>



Pinch Point 518.0 km

Great Western Highway
Roundabout
Kelso

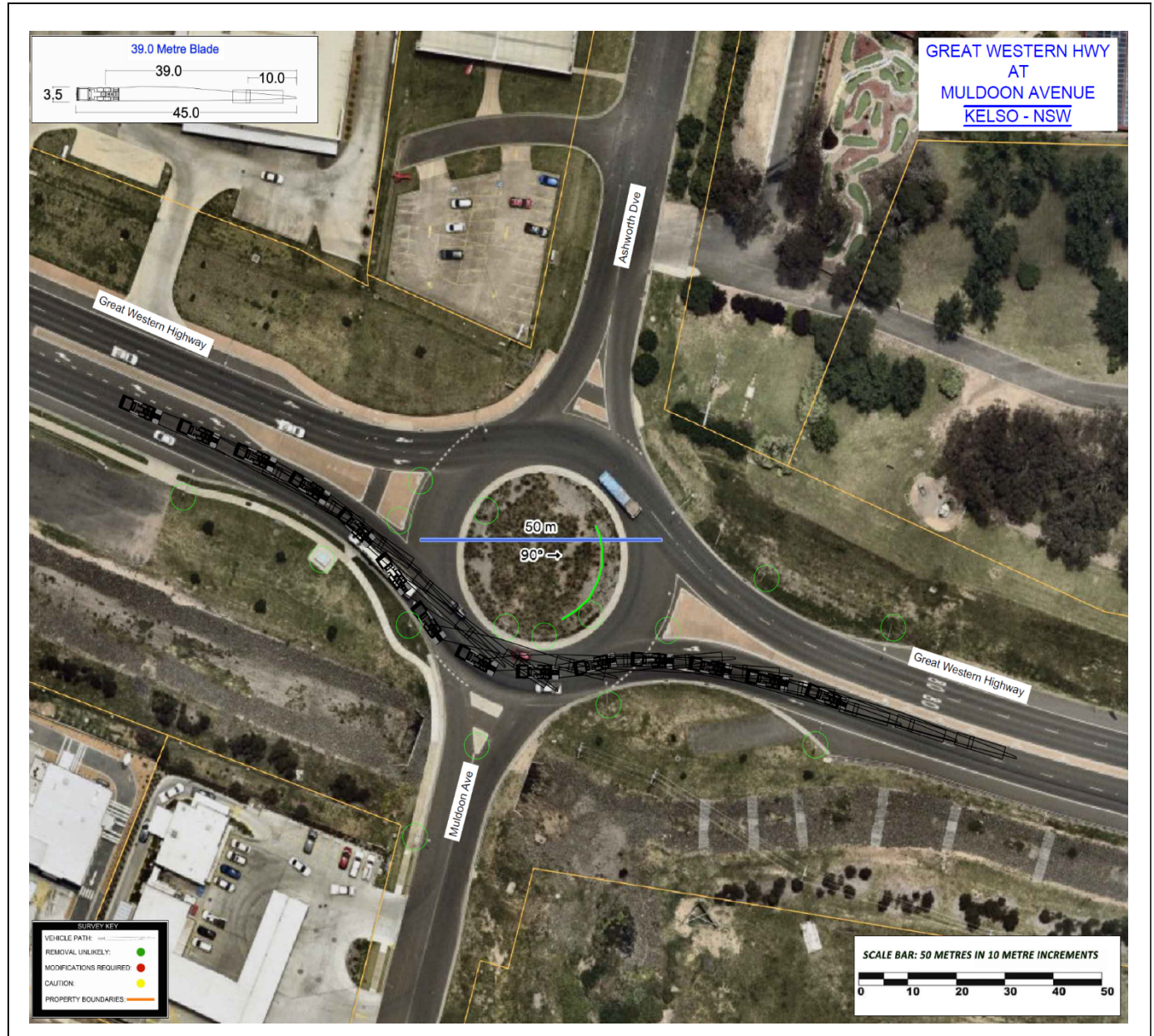
Route 1

PROCEDURE: Travel directly ahead through the roundabout

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/eKjPbsNshG4bYeEC9>



Pinch Point 519.0 km

Great Western Highway
onto
Littlebourne Street

Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/iF173WmTbXTcnXsFA>



Pinch Point 547.0-548.5 km

O'Connell Road
(Range)

Route 1

PROCEDURE: Very steep ascent with several very tight turns.

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/Lq6yNM3MBwZGpASC6>



Pinch Point 547.0-548.5 km

O'Connell Road
(Range)

Route 1

PROCEDURE: Very steep ascent with several very tight turns.

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/Lq6yNM3MBwZGpASC6>



Pinch Point 547.0-548.5 km

O'Connell Road
(Range)

Route 1

PROCEDURE: Very steep ascent with several very tight turns.

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/Lq6yNM3MBwZGpASC6>



Pinch Point 561.0 km

O'Connell Road
onto
Albion Street

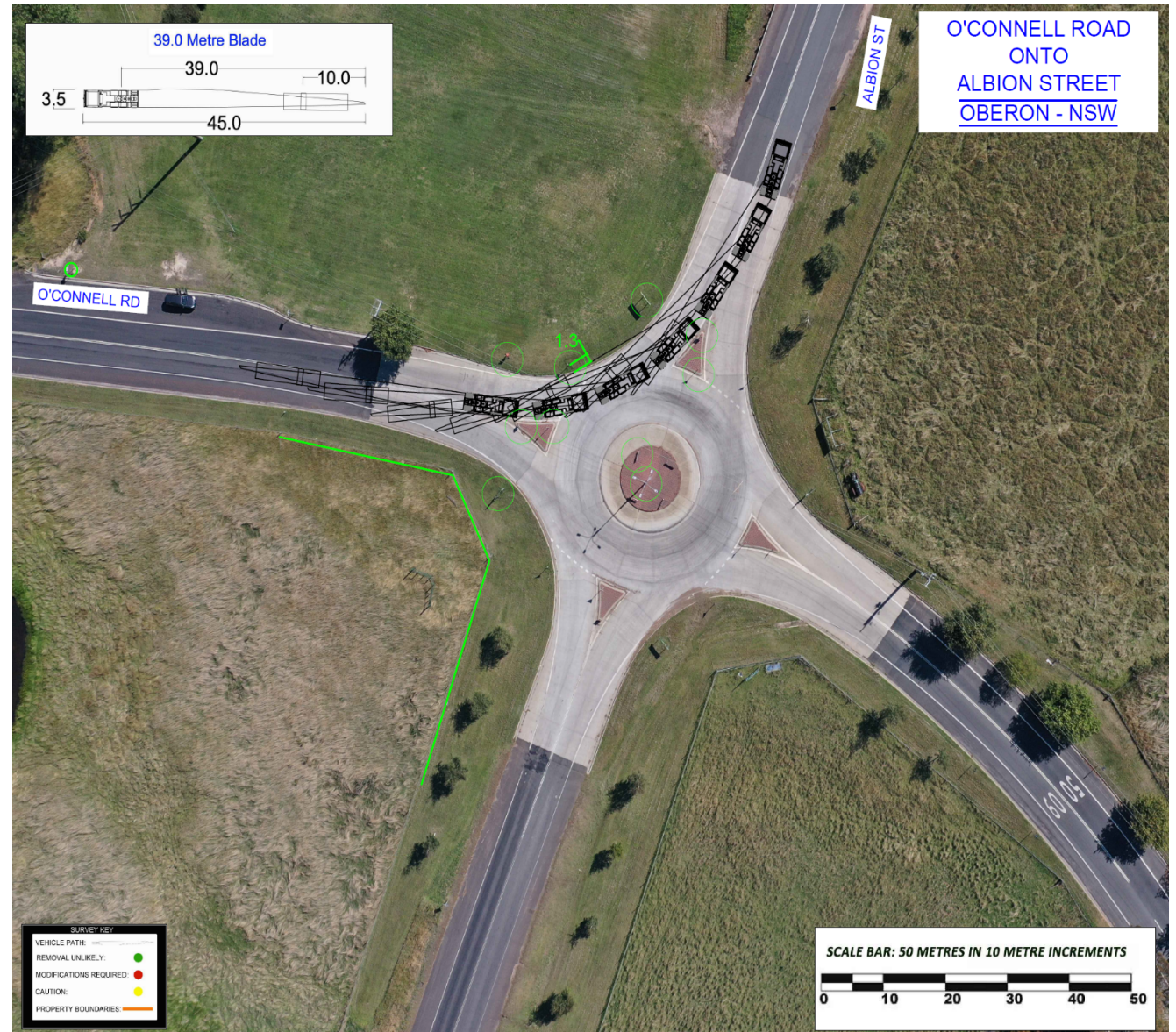
Route 1

PROCEDURE: Left hand turn at roundabout

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://goo.gl/maps/nV3ygxLL9SV7xy6z8>



Pinch Point 562.0 km

Roundabout
on
Albion Street

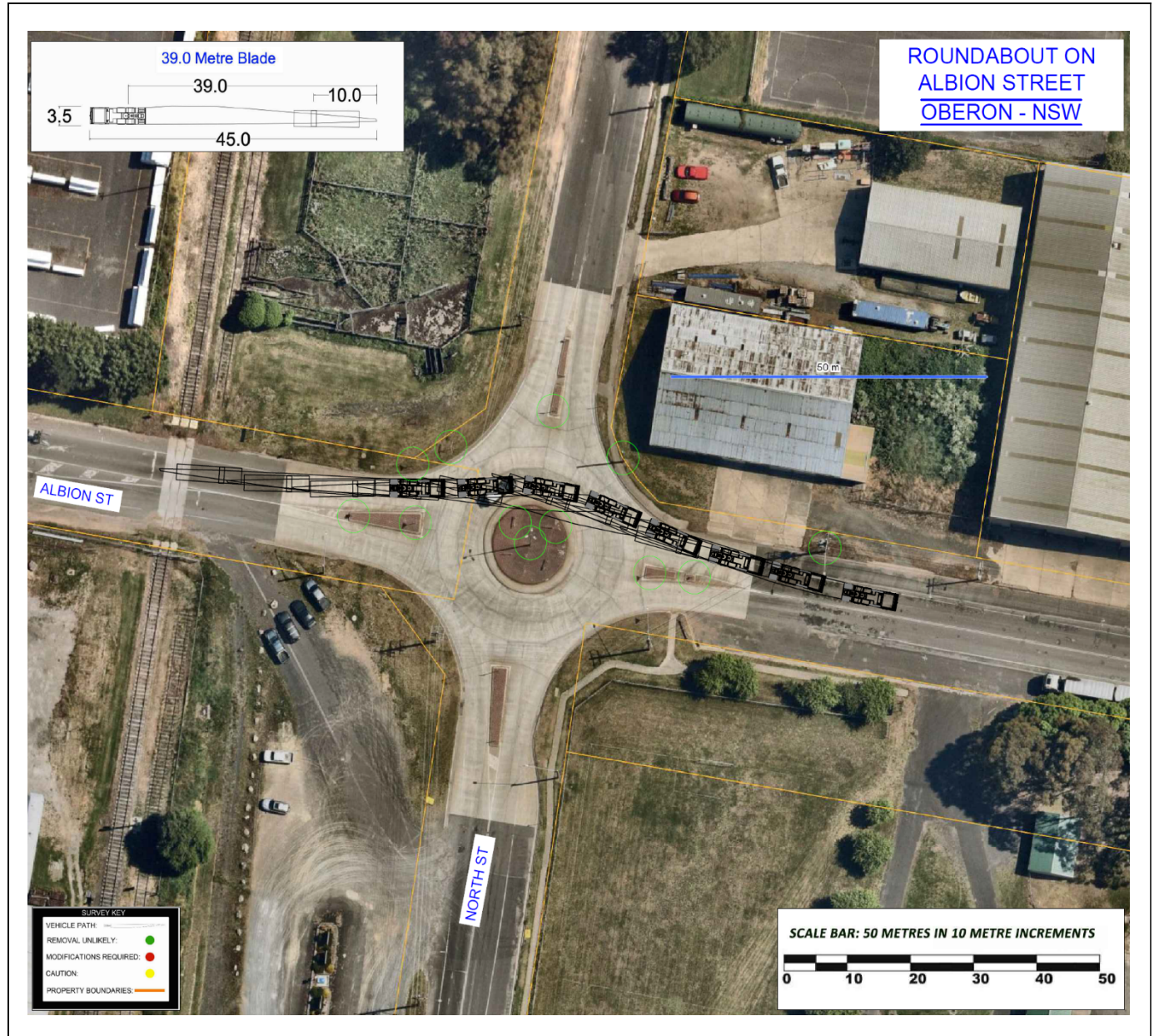
Route 1

PROCEDURE: Travel directly ahead

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/ZW1KtNgUsr22JBE9>



Pinch Point 565.0 km

Albion Street
Onto
Duckmaloi Road

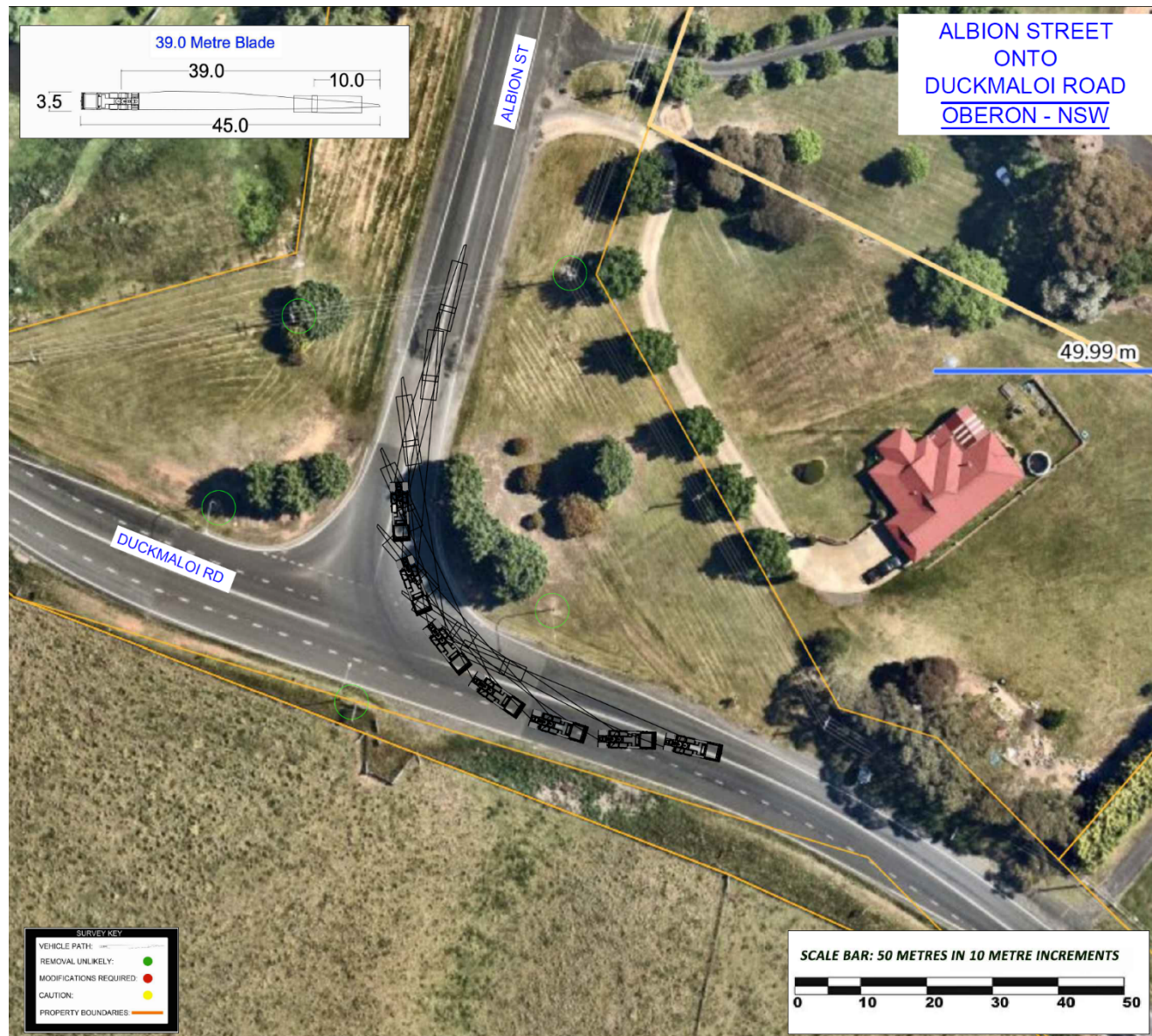
Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/XUKFGTMYpEkM7UtHA>



Pinch Point 588.0 km

Duckmaloi Road
onto
Jenolan Caves Road

Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/dc4FFKKHZvgA2zEF6>



Pinch Point

588.0-593.0 km

Bends on
Jenolan Caves Road

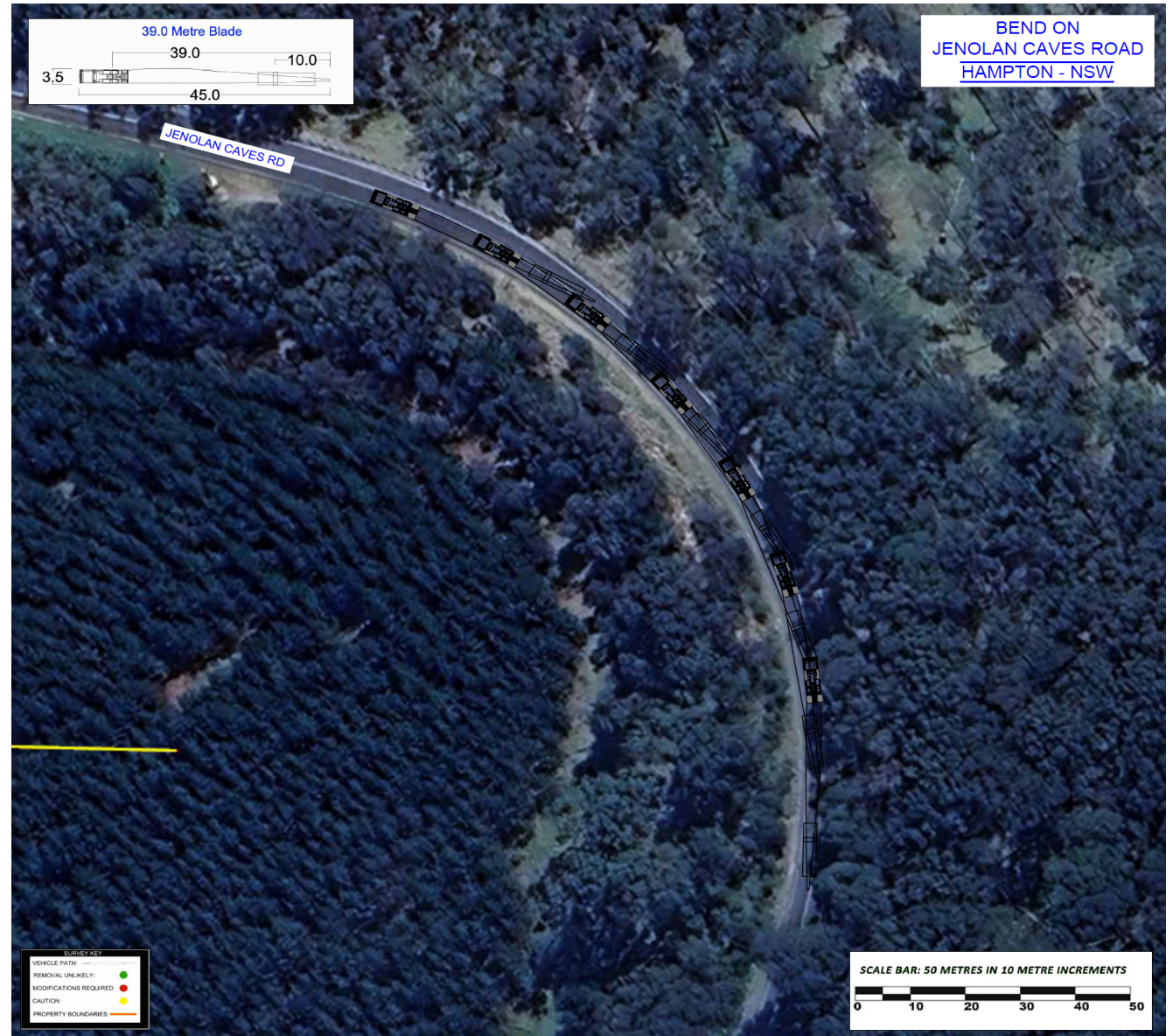
Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpa7>



Pinch Point

588.0-593.0 km

Bends on
Jenolan Caves Road

Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpa7>



Pinch Point 588.0-593.0 km

Bends on
Jenolan Caves Road

Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpa7>



Pinch Point

588.0-593.0 km

Bends on
Jenolan Caves Road

Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpa7>



Pinch Point 588.0-593.0 km

Bends on
Jenolan Caves Road

Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpa7>



Pinch Point

588.0-593.0 km

Bends on
Jenolan Caves Road

Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpa7>



Pinch Point 588.0-593.0 km

Bends on
Jenolan Caves Road

Route 1

PROCEDURE: Left/Right Bends

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/HULepW3RwKL8wnpaZ>



Pinch Point 593.0 km

Jenolan Caves Road
onto
Hampton Road

Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: No works required.

GPS LINK: <https://maps.app.goo.gl/WCscnHe3dYXyUwUw7>



Pinch Point 593.5 km

Bend on
Hampton Road

Route 1

PROCEDURE: Left hand bend

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: Vegetation to be trimmed for blade clearance. Spotter to guide the load through this pinch point..

GPS LINK: <https://maps.app.goo.gl/NXWX5Y6451R1YtY26>



Pinch Point 593.9 km

Hampton Road
into
Site Entry

Route 1

PROCEDURE: Left hand turn

COMMENTS: Spotter to guide the load through this pinch point.

MODIFICATIONS REQUIRED: Fence and gate to be modified to accommodate all proposed loads. Hardstand access road to be constructed.

GPS LINK: <https://maps.app.goo.gl/AYMFEHUh6B3FwJBV8>

