



Risk Assessment

Course: D15/3

Course/Road(s) Assessed:

A534, Wrexham Industrial Estate Road, Abenbury Way, Bryn Lane

Date of Assessment/Review: 03/January/2022

Name of Assessor: Paul Modern

Course Description:

Start at Lat 53.081700 Lon -2.844610 (53°04'54.1"N 2°50'40.6"W)
A534 Barton Road heading west – grid in layby between Barton and Farndon, just past Barton Road Service Station

Course: A534 West for 4.2 miles to Llany-y-pwll Roundabout
1st exit to head South East on Industrial Estate Road for 0.8 miles to JCB Roundabout
3rd exit to head West onto Abenbury Way for 1.9 miles
Turn Left onto Bryn Lane heading North for 1.4 miles to JCB Roundabout
3rd exit to head north west on Industrial Estate Road for 0.8 miles
3rd exit on Llany-y-pwll Roundabout A534 Wrexham Road heading east 6.1 miles

Finish: Lat 53.084344 Lon -2.80138 (53°05'3.64"N 2°48'4.97"W)
A534 Broxton Road heading east – grid at end of small layby just prior to Township Close turn.

Distance: 15.21 miles (measured using two separate GPS tracks)

Start on A534 opposite grid in lay-by (marked in white paint) ¼ ml East from junction with B5130. **Proceed** West from Start on A534 in the direction of Wrexham to 1st Traffic Island (Llan-y-pwll) just past Waterways Garden Centre. **4.2mils.** Turn **Left** at 1st exit towards Wrexham Industrial Estate. Proceed to Traffic Island. **5.1mils.** Turn **Right** at third exit on to Abenbury Way to head West and encircle Wrexham Industrial Estate in an anticlockwise direction. Turn **Left** at Bryn Lane. **6.9mils.** Proceed North to Traffic Island **8.2mils** and Turn **Right** at third exit to retrace original course. Proceed to Llany-y-pwll Traffic Island and bear **Right** back on to A534. Proceed back down the A534 to **Finish** at grid situated at the end of the small layby just prior to Township Close in Clutton. **15.21mils.**

Traffic Flows:

Traffic counts taken 8th January 2022

A534 Start layby 14:23 to 14:33 - 234/hr in Westerly direction, 282/hr in Easterly direction
A534 Llany-Y-Pwll roundabout 15:10 to 15:20 – 204/hr in Westerly direction, 276/ hr in Easterly direction

Wrexham Industrial Estate Road (dual carriageway) 15:25 to 15:35 – count 252/hr in Northerly direction, 258/hr in Southerly direction.

Wrexham Industrial estate loop – Abenbury way nr junction with West end of Ash Rd N. Counterclockwise – count 84/hr @ 14:41 to 14:51

Wrexham Industrial estate loop – Bryn Rd, near recycling centre, counterclockwise – count 102/hr @ 14:56 to 15:06.

Course/Event History:

The course is an extension of the existing D10/25 which has been mainly used for Thursday evening Class B events April through August for the last 3 years and 1 or 2 Class A events per year. The end section from the 12.5 mile point onwards to the finish uses the same roads as the final section of existing D14/2 hilly course, historically used for early season Class A and B events in late February. The lap of Wrexham industrial estate using Abenbury Way and Bryn Lane has been used for evening class B type events previously.

KEY Risks Identified – Tabulated on pages 3 thru 7.

Distance	Location	Identified Significant Risk/Hazards	Level of Risk	Measures to reduce Risk
			Low/Med/High	(if applicable)
0 miles	START: Start at A534 Broxton Road heading west – layby between Barton and Farndon, just past Barton Road Service Station	Riders joining the main carriageway from the start	Medium	<p>Cycle Event Sign approximately 100 metres prior to the start on A534.</p> <p>Presence of start officials in high visibility clothing.</p> <p>Good visibility for approaching traffic from East.</p> <p>Warn competitors of any approaching traffic at start time.</p> <p>Working front and rear lights on competitors' machines, high visibility number on competitor.</p>
0 miles	START: Start at A534 Broxton Road heading west – layby between Barton and Farndon, just past Barton Road Service Station	Riders congregating in layby for start	Low	<p>Separate start line official appointed to instruct riders not to block vision of start officials and starting riders.</p> <p>Notice to all riders on start sheet to not arrive more than 5 minutes prior to start time.</p>
0 miles	START: Start at A534 Broxton Road heading west – layby between Barton and Farndon, just past Barton Road Service Station	Riders having completed the event returning to HQ past start.	Low	<p>Notice to all riders on start sheet and at HQ to be aware of other riders on the course.</p> <p>Notice to all riders on start sheet to use Wetreins lane if possible for return to HQ rather than the A534 passing the start.</p>
0.9 miles	B5130 Sibbersfield Lane and B5069 Worthenbury Road join A534 at crossroads	Traffic joining the course or crossing the course from minor roads.	Medium	<p>Cycle Event Sign on B5130 50 metres prior to junction. Cycle Event sign on B5069 50 metres prior to the junction.</p> <p>1 marshal at junction</p>
1.1 miles	Unmarked pedestrian crossing of A534	Very infrequent crossing of pedestrians	Low	<p>Pedestrians will be very aware of the traffic on A534.</p> <p>Good visibility of the approach along the A534.</p>

1.9 miles	B5130 Francis Lane joins A534	Infrequent traffic joining the traffic flow or crossing the course at a staggered junction	Medium	Cycle Event Sign on B5130 approximately 50 metres prior to the junction 1 marshal at junction
2.3 miles	A534 narrows ahead of a series of bends with solid white line demarking overtaking restrictions	Restrictions to overtaking due to road layout – lowered speed limit in this area	Medium	Event Sign on A534 approximately 100m prior to unbroken white line
3.4 miles	Course passes small hotel Holt Lodge	Riders to employ caution – note large pothole near.	Low	Note pothole in start-sheet.
4.0 miles	Minor road with light traffic Hugmore Lane joins the course	Riders to employ caution	Low	No action required
4.1 miles	Course passes garden centre business (Waterways Aquatic & Garden Centre)	Riders to employ caution	Low	No action required
4.2 miles	Llan-y-pwll roundabout Course turns left at 1st exit – Wrexham Industrial Estate Road	Large roundabout with 5 exits with the course encountering all points.	High	<p>Notice to riders in start sheet regarding care at this junction including not using tri bar position through this junction.</p> <p>Large Cycle Event signs 50m prior to roundabout along each entry road (5).</p> <p>Caution to officials – A534 from West and Industrial Estate Rd from South are clearways. Park elsewhere to erect signs.</p> <p>Marshals positioned at course entry and exit points (3 minimum + 1 observer)</p>

5.0 miles	Wrexham Industrial Estate roundabout Course turns RIGHT exiting at 3rd exit - Abenbury Way	Right turn at Roundabout with 4 exits with the course encountering all points.	High	Cycle Event signs 50m prior to roundabout along each entry road (4). Caution to officials – Industrial Estate Rd from North is a clearway. Park elsewhere to erect signs. Signs & Marshals at roundabout (3).
5.1 miles	Abenbury Way - Industrial Estate Road	Multiple entrances and exits from industrial estate business premises.	Low	Weekend traffic is light in this area. Use of course only on Saturday, Sunday or evenings after 19:00.
5.9 miles	Minor roads Ash Road North and Clywedog Road North join the course at staggered junction	Riders to employ caution	Low	No action required
6.3 miles	Minor road Bridge Road joins the course	Riders to employ caution	Low	No action required
6.8 miles	Minor road Abbey Road South joins the course	Riders to employ caution	Low	No action required
6.9 miles	Bryn Lane Course turns left - on to Bryn Lane Northbound	Junction with left turn filter and give way road markings. Riders must give way to traffic turning from the Right.	Medium	Notice to riders in start sheet and course description. Riders o employ caution. Marshal at junction (1).
6.9 miles	Bryn Lane - Industrial Estate Road	Multiple entrances and exits from industrial estate business premises.	Low	Weekend traffic is light in this area. Use of course only on Saturday, Sunday or evenings after 19:00.

7.3 miles	Course passes entrance road to Wrexham Recycling Centre.	Riders to employ caution - wide road with good visibility for vehicles turning into recycling centre.	Low	No action required
7.9 miles	Course passes entrance road to Bryn Business Centre	Low traffic at time of event using this entrance - riders to employ caution	Low	No action required
8.2 miles	Wrexham Industrial Estate roundabout Course turns RIGHT exiting at 3rd exit - Industrial Estate Road	Right turn at Roundabout with 4 exits with the course encountering all points.	High	As per measures described for this location at 5.0 miles.
8.5 miles	Minor road with light traffic Bryn Estyn Road joins the course	Riders to employ caution	Low	No action required
9.1 miles	Llan-y-pwll roundabout Course turns right at 4th exit – back on to A534 to retrace	Roundabout with 5 exits with the course encountering all points.	High	As per measures described for location at 6.9 miles.
9.9 miles	Minor road with light traffic Shepherds Road joins the course	Riders to employ caution	Low	No action required
10.5 miles	A534 narrows ahead of a series of bends with solid white line demarking overtaking restrictions	Restrictions to overtaking due to road layout - lowered speed limit in this area	Medium	Large sign on A534 approximately 50 metres prior to unbroken white line
11.4 miles	B5102 Wrexham Road joins A534	Infrequent traffic joining the traffic flow or crossing the course at a staggered junction. Riders employ caution	Low	No action required
12.3 miles	Unmarked pedestrian crossing of A534	Infrequent crossing of pedestrians	Low	Pedestrians will be very aware of the traffic on A534 Good visibility of the approach along the A534
12.5 miles	B5130 Sibbersfield Lane and B5069 Worthenbury Road join A534 at crossroads	Traffic joining the course or crossing the course from minor roads with infrequent traffic	Medium	As per measures described for location at 1.1 miles
13.3 miles	Lay-by on left side.	Riders to employ caution	Low	No action required
13.6 miles	Barton Road Service Station	Traffic joining the course from service station or turning left from the course into the service station.	Medium	Notice to all riders to take care passing this business premises.

14.0 miles	A534 narrows ahead of a series of uphill bends with solid white line demarking overtaking restrictions	Restrictions to overtaking due to road layout – lowered speed of riders in uphill section	Low	Sign on A534 approximately 100m prior to unbroken white line
14.2 miles	Stretton Hall Lane and Coddington Lane join A534 at staggered crossroads.	Traffic joining the course from minor roads with infrequent traffic	Low	No action required
14.6 miles	Entrance Junction for Carden Park Hotel on right hand side	Riders to employ caution	Low	Large junction with good visibility for drivers and competitors. No action required.
14.9 miles	A534 narrows ahead of a series of uphill bends with solid white line demarking overtaking restrictions	Restrictions to overtaking due to road layout – lowered speed of riders in uphill section	Low	Sign on A534 approximately 100m prior to unbroken white line
15.2 miles	Minor road with light traffic Holywell Lane joins the course	Riders to employ caution	Low	No action required
15.2 miles	FINISH: A534 Broxton Road heading East – End of small layby just prior to Township Close.	Uphill finish - riders slowing immediately after finish line. Riders turning to head back to HQ in opposite direction.	Low	Notice to all riders to continue to next left turn after finish and turn around in minor road or continue to Carden Lane right turn to retrace back to HQ.

Date of original assessment – 3rd January 2022