**Risk Assessment**

# Course/Road(s) Assessed: WW31/02 – A78 Course: WW31/02 Local to Irvine and Loans, Ayrshire.

**Date of Assessment/Review: 10/05/2021 Name of Assessor: Blair Wyllie**

**Course Description:**

Start at lamppost No.R5 opposite entrance to Eglinton Country Park. Proceed onto the Eglinton Interchange roundabout and take the 1st exit towards the A78. Stay right on the slip road onto the A78.

Follow A78 southbound, under two interchanges and straight around the Meadowhead roundabout (Dundonald Camp) at the papermill and continue south on A78. Take next exit slip road to Corraith Rd roundabout. Turn right at roundabout to go under A78 then turn left onto B746 then left again signed A78 Irvine Greenock back onto the A78. Proceed north on A78 around the Meadowhead roundabout and under two interchanges before taking northbound exit slip road to Eglinton Interchange. Carry out turn around interchange and retrace south to Corraith then north along A78 to finishing at the northbound lay-by approximately 500m before the exit slip road to Eglington Interchange.

**Traffic Flows:**

The A78 is 3 lane dual carriageway between the Eglington and Warrix (A71) Interchanges, thereafter it is a two lane dual carriageway. At approximately the 3 and 19.5 mile mark the road goes from three lanes to two lanes. The inside lane becomes the exit slip to the Warrix Interchange.

At approximately mile 13 and 30.5 the road changes from two lanes back to three lanes.

It carries an estimated 17,746 vehicles a day (https://roadtraffic.dft.gov.uk/manualcountpoints/80224). During a recent traffic count, around 700 cars and 200 larger vehicles pass along this road southbound each hour.

**Course/Event History:**

The course is the combination of two recognised and well used courses. The northern part of the course is the measured British Cycling AY4 course. It is known as the Eglinton 10 and has a proud history of hosting 10-mile Time Trial events. The southern half of the course is the Ayr Roads 10mile club event course which has been used for over 30years. The two courses overlap between Warrix Interchange and the Meadowhead roundabout.

**Key Identified Risks**

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| **Distance****(miles)** | **Location** | **Identified Significant Risk/Hazards** | **Level of Risk Low/Med/High** | **Measures to reduce Risk****(if applicable)** |
| 0 | Link Road between A737 & Eglinton Interchange.**START LINE.** | Vehicles approaching riders and officials from both directions. | Low | Only one team of riders to be on link road at any one time. Riders waiting to start and officials must be behind traffic cones. |
| 0. | Link Road between A737 & Eglinton Interchange | Teams of riders waiting to start. | Low | Teams to be held in park access road and only released to the start line by a marshal when the start line is clear. |
| 0  | Link Road between A737 & Eglinton Interchange | Traffic exiting Eglinton Park | Low | Riders exiting the park to warm up must turn right.  |
| 0  | Link Road between A737 & Eglinton Interchange | Officials on road | Low | All officials will be wearing PPE high visibility clothing in accordance with Amey Highways / Police requirements. |
| 0  | Link Road between A737 & Eglinton Interchange | Starter holding / dropping competitor | Low | Starters are well experienced and know how to hold riders correctly. Each rider may tell how they wish to be held. |
| 0.1 | A78 Eglinton Interchange | Rider joining roundabout | Low | Rider made aware of course through race manual. Traffic adjoining roundabout have been made aware of the race via signage. Marshall will be stationed on roundabout entrance to raise awareness to traffic. |
| 0.2 | A78 Eglinton Interchange | Roundabout exit | Low | Rider exiting Eglinton Interchange roundabout onto A78 slip road.Marshal placed next to junction to direct rider. Rider should know the course from race manual. |
| 0.3 | A78 entrance slip | Traffic exiting onto Long Drive | Low | Rider must stay in inside lane which become middle lane of A78 on slip road.Traffic exiting the Eglinton Interchange can also exit to Long Drive and not enter the A78.Marshal stationed at start of split to direct rider. Signage is displayed. |

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| **Distance****(miles)** | **Location** | **Identified Significant Risk/Hazards** | **Level of Risk Low/Med/High** | **Measures to reduce Risk****(if applicable)** |
| 0.4 | A78 entrance slip | Junction entering A78 Trunk Road | Low | Rider will enter A78 which has changed from 2 to 3 lanes at Eglinton Interchange. Signage has informed vehicles on road of cycle race. |
| 0.6 | A78 entrance slip | Lane Change | Low | Rider exiting slip road onto A78. Signage has informed motorists. Rider told to keep left as they enter. |
| 2.5 | A78 Warrix Interchange exit | Lane alteration and reduction | Medium | Rider must change lanes from inside to middle. Inside lane become A78 exit slip to A71.Marshall before lane alteration to raise awareness to rider Signage for vehicles repeating cycle event information. |
| 3 | A78 Warrix Interchange exit | Lane change | Medium | Rider must change lane after exit line paint has commenced but before solid white paint.Marshall at exit split for awareness and safety visibility. |
| 3.4 | A78 Warrix Interchange Entrance slip | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |
| 3.8 | A78 Newhouse Interchange exit | Traffic exiting left from A78. | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |

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| 4.4 | A78 Newhouse Interchange entrance. | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |
| 5.3 | A78 Meadowhead roundabout | Roundabout | Medium | Rider must give way to traffic on roundabout. Signage is stationed on all entrance roads to roundabout.Marshall placed at far side of roundabout between A78 carriageways behind the barriers and advising “keep going south on A78” |
| 6.1 | A78 Loans bypass.Southbound On-slip road from A759 | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |
| 7.6 | A78 Loans bypass.Exit slip road to Corraith Roundabout | Exiting Traffic | Low | Marshall placed at exit split behind barrier it to ensure rider keeps left and stays on course. |
| 7.8 | Right turn from A78 Slip Road onto Corraith Road. | Exiting Traffic | Medium | Rider must give way to traffic on roundabout. Signage is stationed on all entrance roads to roundabout.Marshall placed at far side of roundabout and advising direction. |

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| 8.0 | Left turn from Corraith Road onto B746. | Traffic on adjoining road. | Low | Rider Must give way at T-junction. Marshall placed on footway to ensure rider stays on course. |
| 8.2 | Left turn from B746 onto A78 Northbound. | Other traffic | Low | Marshall placed on footway to ensure rider stays on course |
| 10.1 | A78 / A759 Northbound exit slip road. | Trunk road exit | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 11 | A78 Meadowhead roundabout. | Roundabout. | Low | Rider must give way to traffic on roundabout. Signage is stationed on all entrance roads to roundabout.Marshall placed at far side of roundabout between A78 carriageways behind the barriers and advising “keep going north on A78”. |
| 11.9 | A78 Newhouse Interchange exit. | Trunk road exit | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 12.5 | A78 Newhouse Interchange entrance | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |

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| **Distance****(miles)** | **Location** | **Identified Significant Risk/Hazards** | **Level of Risk Low/Med/High** | **Measures to reduce Risk****(if applicable)** |
| 12.9 | A78 Warrix Interchange exit | Trunk road exit | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 13.5 | A78 Warrix Interchange | Lane alteration and increase | Low | A78 becomes 3 lanes at this point. Rider must be aware to change lanes and move to the inside one. |
| 14 | A78 Warrix Interchange | Lane change | Low | Rider must change lane as painted directional lane arrows appear on the carriageway. Riders will be instructed at sign on and made aware through race manual.Riding in the middle lane is forbidden on a Trunk Road. |
| 14.1 | A78 Warrix Interchange Entrance slip | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic from left hand side. |
| 15.9 | A78 Eglinton Interchange exit | Lane change | Low | Rider must be aware that inside lane becomes exit slip towards the 2nd turn which they must take.Signage reinforcing Cycle Event message to motorists |
| 16.2 | A78 Eglinton Interchange exit & Long Drive Merge | Road merging. | Medium, | Rider must be aware of adjoining traffic from Long Drive on their left. Signage placed on Long drive to raise awareness to motorists of Cycle Event |

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| 16.5 | A78 Eglinton Interchange  | Roundabout. | Medium | Rider must give way to traffic on the interchange roundabout. Marshall placed on nearside verge behind barrier barriers and advising “instructing riders to give way to traffic from right”. |
| 16.7 | A78 Eglinton Interchange | Roundabout exit | Low | Rider exiting Eglinton Interchange roundabout onto A78 slip road.Marshal placed next to junction to direct rider. Rider should know the course from race manual. |
| 16.8 | A78 entrance slip | Traffic exiting onto Long Drive | Low | Rider must stay in inside lane which become middle lane of A78 on slip road.Traffic exiting the Eglinton Interchange can also exit to Long Drive and not enter the A78.Marshal stationed at start of split to direct rider. Signage is displayed. |
| 16.9 | A78 entrance slip | Junction entering A78 Trunk Road | Low | Rider will enter A78 which has changed from 2 to 3 lanes at Eglinton Interchange. Signage has informed vehicles on road of cycle race. |
| 17.1 | A78 entrance slip | Lane Change | Low | Rider exiting slip road onto A78. Signage has informed motorists. Rider told to keep left as they enter. |
| 19 | A78 Warrix Interchange exit | Lane alteration and reduction | Medium | Rider must change lanes from inside to middle. Inside lane become A78 exit slip to A71.Marshall before lane alteration to raise awareness to rider Signage for vehicles repeating cycle event information. |
| 19.5 | A78 Warrix Interchange exit | Lane change | Medium | Rider must change lane after exit line paint has commenced but before solid white paint.Marshall at exit split for awareness and safety visibility. |
| **Distance****(miles)** | **Location** | **Identified Significant Risk/Hazards** | **Level of Risk Low/Med/High** | **Measures to reduce Risk****(if applicable)** |
| 19.9 | A78 Warrix Interchange Entrance slip | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |
| 20.3 | A78 Newhouse Interchange exit | Traffic exiting left from A78. | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 20.9 | A78 Newhouse Interchange entrance. | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |
| 21.8 | A78 Meadowhead roundabout | Roundabout | Medium | Rider must give way to traffic on roundabout. Signage is stationed on all entrance roads to roundabout.Marshall placed at far side of roundabout between A78 carriageways behind the barriers and advising “keep going south on A78” |
| 22.6 | A78 Loans bypass.Southbound On-slip road from A759 | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |
| 24.1 | A78 Loans bypass.Exit slip road to Corraith Roundabout | Exiting Traffic | Low | Marshall placed at exit split behind barrier it to ensure rider keeps left and stays on course. |
| 24.2 | Right turn from A78 Slip Road onto Corraith Road. | Exiting Traffic | Medium | Rider must give way to traffic on roundabout. Signage is stationed on all entrance roads to roundabout.Marshall placed at far side of roundabout and advising direction. |
| **Distance****(miles)** | **Location** | **Identified Significant Risk/Hazards** | **Level of Risk Low/Med/High** | **Measures to reduce Risk****(if applicable)** |
| 24.4 | Left turn from Corraith Road onto B746. | Traffic on adjoining road. | Low | Rider Must give way at T-junction. Marshall placed on footway to ensure rider stays on course. |
| 24.6 | Left turn from B746 onto A78 Northbound. | Other traffic | Low | Marshall placed on footway to ensure rider stays on course |
| 26.5 | A78 / A759 Northbound exit slip road.t | Trunk road exit | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 27.4 | A78 Meadowhead roundabout. | Roundabout. | Low | Rider must give way to traffic on roundabout. Signage is stationed on all entrance roads to roundabout.Marshall placed at far side of roundabout between A78 carriageways behind the barriers and advising “keep going north on A78”. |
| 28.3 | A78 Newhouse Interchange exit. | Trunk road exit | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 28.9 | A78 Newhouse Interchange entrance | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic. |

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| **Distance****(miles)** | **Location** | **Identified Significant Risk/Hazards** | **Level of Risk Low/Med/High** | **Measures to reduce Risk****(if applicable)** |
| 29.3 | A78 Warrix Interchange exit | Trunk road exit | Low | Marshall placed at exit split behind barrier it to ensure rider stays on course. |
| 29.8 | A78 Warrix Interchange | Lane alteration and increase | Low | A78 becomes 3 lanes at this point. Rider must be aware to change lanes and move to the inside one. |
| 30.4 | A78 Warrix Interchange | Lane change | Low | Rider must change lane as painted directional lane arrows appear on the carriageway. Riders will be instructed at sign on and made aware through race manual.Riding in the middle lane is forbidden on a Trunk Road. |
| 30.5 | A78 Warrix Interchange Entrance slip | Adjoining traffic | Low | Signage placed on entry slip for motorist awareness. Riders made aware on adjoining traffic from left hand side. |
| 31.7 | A78 Northbound layby, before Eglington Interchange.**FINISH LINE** | Traffic emerging from layby. | Low | Rider has completed race but remain alert as traffic may be behind them also exiting A78. Marshal in layby to advice drivers on approaching riders.Signage just before finish line. |
| 32.3 | A78 Eglinton Interchange exit | Lane change | Low | Rider must SLOW and be aware that inside lane becomes exit slip towards the race HQ.Signage reinforcing Cycle Event message to motorists |
| 32.6 | A78 Eglinton Interchange exit & Long Drive Merge | Road merging. | Medium, | Rider must be aware of adjoining traffic from Long Drive on their left. Signage placed on Long drive to raise awareness to motorists of Cycle Event. |

**NOTES:**

1. The use of a vehicle for the timekeeper(s) at start and finish is where appropriate and is only identified as an example for the action to be taken
2. The small junctions or entrances to farms/ facilities (garage,.eatery, etc) that are not identified in this risk assessment have been considered, however are not considered significant to pose a risk and therefore have not been noted.

Date of original Assessment: 26/04/21