

Technical Note

Project No: ITL14477
Project Title: Rother Valley Railway
Title: Summary of NMU Data
Ref: PH/JN/ITL14477-015
Date: 20 October 2020

SECTION 1 NMU SURVEY DATA

1.1.1 Various data sources can be considered as to the propensity for pedestrians, cyclists and horse riders passing the location of the proposed level crossing.

1.2 2012/2013 Manual Counts

1.2.1 Table 1.1 provides a summary of the non-motorised user (NMU) data collected prior to planning permission being granted. Data was collected by manual count with members of the RVR project team on-site.

Table 1.1 – Summary of NMU Data collected prior to Planning Permission

Date	Location / Survey Type	Northbound Count			Southbound Count			Total
		Peds	Cycles	Equestrian	Peds	Cycles	Equestrian	
Wednesday 14 th November 2012	Near Robertsbridge Roundabout* / Manual Count	0	0	0	0	0	0	0
Sunday 13 th January 2013	Near Robertsbridge Roundabout* / Manual Count	0	6	0	0	0	0	6
Sunday 13 th June 2013	Near Robertsbridge Roundabout* / Manual Count	0	2	0	1	6	0	9

Note - *Unclear if north or south of roundabout or turning of flows at roundabout and whether they routed to/from the level crossing location

1.3 ATC Data

1.3.1 Additional data has subsequently been collected via Automatic Traffic Counters (ATCs) located adjacent to the location of the proposed level crossing. It should be noted that ATCs cannot record pedestrian and equestrian movements and are not reliable for collecting cycle movements. These are subsequent to planning permission being granted and are to inform the Transport and Works Act Order (TWAO).

1.3.2 Table 1.2 – 1.4 summarise ATC data collected in March and April 2019 and March 2020.

Table 1.2 – Summary of March 2019 ATC Data

Date	Location / Survey Type	Northbound Count			Southbound Count			Total
		Peds	Cycles	Equestrian	Peds	Cycles	Equestrian	
Monday 4 th March 2019	Level Crossing Location / ATC		2			2		4
Tuesday 5 th			0			5		5
Wednesday 6 th			0			2		2
Thursday 7 th			3			3		6
Friday 8 th			3			1		4
Saturday 9 th			1			4		5
Sunday 10 th			1			0		1
Monday 11 th			2			4		6
Tuesday 12 th			1			0		1
Wednesday 13 th			4			4		8
Thursday 14 th			3			2		5
Friday 15 th			1			3		4
Saturday 16 th			1			3		4
Sunday 17 th			0			8		8
Monday 18 th March 2019			3			3		6

Table 1.3 – Summary of April 2019 ATC Data

Date	Location / Survey Type	Northbound Count			Southbound Count			Total
		Peds	Cycles	Equestrian	Peds	Cycles	Equestrian	
Monday 15 th April 2019	Level Crossing Location / ATC		0			0		0
Tuesday 16 th			0			2		2
Wednesday 17 th			2			5		7
Thursday 18 th			2			3		5
Friday 19 th			5			6		11
Saturday 20 th			3			3		6
Sunday 21 th			2			0		2
Monday 22 nd			2			4		6
Tuesday 23 rd			2			5		7
Wednesday 24 th			0			6		6
Thursday 25 th			0			5		5
Friday 26 th			1			5		6
Saturday 27 th			1			1		2
Sunday 28 th			0			1		1
Monday 29 th			3			6		9

Date	Location / Survey Type	Northbound Count			Southbound Count			Total
		Peds	Cycles	Equestrian	Peds	Cycles	Equestrian	
Tuesday 30 th			4			7		11
Wednesday 1 st May 2019			1			5		6

Table 1.4 – Summary of March 2020 ATC Data

Date	Location / Survey Type	Northbound Count			Southbound Count			Total
		Peds	Cycles	Equestrian	Peds	Cycles	Equestrian	
Tuesday 17 th March 2020	Level Crossing Location / ATC		1			5		6
Wednesday 18 th			3			1		4
Thursday 19 th			5			4		9
Friday 20 th			0			1		1
Saturday 21 st			1			0		1
Sunday 22 nd			2			3		5
Monday 23 rd			3			0		3

1.3.3 Based on the ATC data, it would suggest frequent cycle activity is occurring along the A21 where the proposed level crossing is located. However, as traditional ATCs are unreliable at recording cycle flows, video surveys have been reviewed.

1.4 Review of Video Survey

1.4.1 A manual classified turning count and video survey was also undertaken on 17th March 2020, i.e. the same day as the ATC was recording, focused on the pedestrian crossing and Robertsbridge Roundabout. The video footage has been reviewed in detail and it can be concluded;

- No pedestrians, cyclists or equestrians are recorded in the section of the A21 where the crossing is proposed (between the hours of 0700 and 1900 on 17th March 2020)
- When compared to the ATC data from the 17th March 2020, which suggests three pedal cycles were recorded between 0700 and 1900 (and an additional two outside of these times) – the ATC

has erroneously recorded cycle movements as passing along the A21 as no movements across the area the level crossing is proposed have been noted; and

- Some cyclists are recorded at the Robertsbridge Roundabout with a total of 10 movements across the day. Four of these movements are each east to west and west to east, i.e. passing between Church Lane and Northbridge Street via the roundabout. The other two movements are north – west and west – north, i.e. one cyclist passing along the A21 and turning into Northbridge Street and another cyclist returning from Northbridge Street back to the A21.