

Technical Note

Project: **Fareham Inquiry**
 Subject: **Delay Tables Summary Note**

Prepared by: **Martha Hoskins** Date: **11.02.2021**

1. 2024 Delay Tables

Table 1- Delay Values in the 2024 Future Base if the 190 dwellings, toucan and signalised junction were not introduced compared to if they were

	*Delay FB Junction	**Delay Signalised Junction	Difference	***Delay FB Toucan (location)	***Delay Toucan VISSIM	Difference
AM						
Northbound	4	12.3	8.3	8.29	13.04	4.75
Southbound	1	7.2	6.2	4.11	5.95	1.84
PM						
Northbound	2	4	2	3.68	6.10	2.42
Southbound	2	4.4	2.4	4.53	6.82	2.29

*Taken from the VISSIM FB Technical Note **Appendix B of FL&BH 3.1**

Taken from table 3.3 **Appendix A of FL&BH3.4. The AM is Mr Mundy's (Appendix E of his PoE) preferred vehicle split of 72.8:27.2 and 69.9:30:1 in the PM. These are Mundy's preference as noted in 5.12 of Mundy's initial proof. These results are also found in **Appendix A of FL&BH3.4**.

***Taken from table 2.1 of **Appendix B of Saamil Patel's PoE**. The location comment is to show that the delay is taken from the same section of the model as per the next column, in the FB there is no Toucan there.

Table 2- Total Delay actually caused by the 190 dwellings, toucan and the signalised junction

	Delay Attributed to Signalised Junction	Delay Attributed to Toucan	Total Delay by Junction and Toucan
AM			
Northbound	8.3	4.75	13.05
Southbound	6.2	1.84	8.04
PM			
Northbound	2	2.42	4.42
Southbound	2.4	2.29	4.69

Table 3- Delay values if we were to use Mr Whitehead and Mr Mundy's delay values for the Toucan using the correct saturation flow value of 2105 in LinSig

	*Delay FB Junction	**Delay Signalised Junction	Difference	***Delay FB Toucan (location)	****Delay Toucan LinSig	Difference
AM						
Northbound	4	12.3	8.3	8.29	18.8	10.51
Southbound	1	7.2	6.2	4.11	3.6	0
PM						
Northbound	2	4	2	3.68	4.5	0.82
Southbound	2	4.4	2.4	4.53	4.6	0.07

****Table 2 of Mr Whitehead's proof and Table 1 of Mr Mundy's 2nd Rebuttal

Table 4- Totally Delay actually caused by the 190 dwellings, toucan and signalised junction using HCCs LinSig delay as shown in Table 3 above.

	Delay Attributed to Signalised Junction	Delay Attributed to Toucan	Total Delay by Junction and Toucan
AM			
Northbound	8.3	10.51	18.81
Southbound	6.2	0	6.2
PM			
Northbound	2	0.82	2.82
Southbound	2.4	0.07	2.47