

Appendix Y: Junction Assessments: Results Overview Table (Run 13 vs Run 22.2)

Cumulative Assessment Quantum vs Proposed Scheme Quantum (Policy Off)

Comparing the 2039 Policy Off, Do Something Assessments, Without the M62 Access Solution

Run 13 vs 22.2

Model Run Descriptions

Run 13	2039 DS3 (Cumulative JPA1.1 & JPA 1.2) - Policy Off - Without M62 Access Solution
Run 22.2	2039 DS1 (Application Quantum) - Policy Off - Without M62 Access Solution*

*In both Runs 14 and 22.2 - the Western Access is included, Whittle Lane is open (capacity limited), the South Heywood is not built

Key

AM	AM peak hour (0800-0900)
IP	Interpeak (average hour between 1000-1600)
PM	PM peak hour (1700-1800)
	DoS/ RFC = <90%
	DoS/ RFC 90% to 100%
	DoS/ RFC > 100%
	Not assessed, forecast to operate within acceptable limits with higher volumes

Summary Results (Max DoS/ RFC on any arm of the Junction)

TT Ref:	Jct. Name	Type	Run 13			Run 22.2		
			AM	IP	PM	AM	IP	PM
1	M62 J19	Signals	173.0%	93.0%	96.0%	155.0%	80.0%	90.0%
2	A6045 Manchester Road / Queen Elizabeth II Way (QEII Way)	Signals	81.1%	80.6%	78.4%			
3	QEII Way / Hareshill Road / SH residential & local centre		Junction no longer proposed by South Heywood Masterplan					
4	Hareshills Road / Hill Top Road	Signals	81.4%	61.3%	60.6%			
5	Hareshill Road / Pilsworth Road	Signals	91.2%	75.6%	77.1%	84.3%	70.8%	74.5%
6	A58 Bridge St / Pilsworth Road	Signals	155.8%	105.1%	108.9%	157.9%	98.5%	97.9%
7	Pilsworth Road / Heywood Distribution Centre	Priority	98.0%	89.0%	80.0%	83.0%	87.0%	79.0%
8	Pilsworth Road / JPA1.1 & SHDA employment	Priority	12.0%	8.0%	8.0%			
9	Pilsworth Road / Moss Hall Road - South (3 Arrows)	Priority	77.0%	82.0%	101.0%	60.0%	55.0%	71.0%
10	Pilsworth Road / Moss Hall Road - North (Fowler Welch)	Priority	66.0%	67.0%	85.0%			
11	M66 J3	Signals	WSP Vissim Modelling Results reported on Seperately					
12	M66 J2	Signals	131.0%	98.0%	115.0%	127.0%	95.0%	115.0%
13	Whittle Lane / A6045 Heywood Old Road	Priority	57.0%	51.0%	74.0%			
14	A6045 Heywood Old Road / Langley Lane	Signals	104.4%	69.2%	84.6%	80.5%	60.1%	81.9%
15	Langley Lane / A6046 Hollin Lane	Priority	79.0%	50.0%	58.0%			
16	A6045 Manchester Road / Coronation Avenue	Signals	99.6%	79.3%	88.2%	92.1%	69.2%	88.5%
17	Hollins Brow / Hollins Lane	Priority	100.0%	74.0%	87.0%	93.0%	70.0%	81.0%
18	Hollins Brow / A56 Manchester Road	Signals	100.1%	92.0%	110.7%	108.8%	90.3%	113.5%
19	M60 J18	Signals	No model, consideration of impacts required (See HTWG notes 1)					
20	M62 J20	Signals	NH request this junction is assessed for JPA 1.2					
21	M60 J19	Both	NH request this junction is assessed for JPA 1.2					
22	A576 Middleton Road / A6045 Heywood Old Road	Signals	92.4%	76.6%	92.5%	80.7%	76.1%	85.3%
23	A58 Rochdale Road / B6221 Wash Lane traffic signals (TRANSYT with J12)	Signals	84.0%	82.0%	82.0%	87.0%	80.0%	81.0%