

Appendix X: Junction Assessments: Results Overview Table (Run 21 vs Run 22.3)

Cumulative Assessment Quantum vs Proposed Scheme Quantum (Policy On)

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

Run 21 vs 22.3

Model Run Descriptions

Run 21	2039 DS3 (Cumulative JPA1.1 & JPA 1.2) - Policy On - Without M62 Access Solution
Run 22.3	2039 DS1 (Proposed Scheme Quantum) - Policy On - Without M62 Access Solution

*In both Runs 21 and 22.3 - the Western Access is included, the Whittle Lane is capacity constrained and South Heywood Link 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 21			Run 22.3		
			AM	IP	PM	AM	IP	PM
1	M62 J19	Signals	117.0%	72.0%	88.0%	103.0%	62.0%	81.0%
2	A6045 Manchester Road / Queen Elizabeth II Way (QEII Way)	Signals	70.3%	47.4%	66.3%			
3	QEII Way / Hareshill Road / SH residential & local centre		Junction no longer proposed by South Heywood Masterplan					
4	Hareshills Road / Hill Top Road	Signals	60.7%	42.4%	53.3%			
5	Hareshill Road / Pilsworth Road	Signals	78.4%	62.6%	69.5%			
6	A58 Bridge St / Pilsworth Road	Signals	105.8%	78.9%	82.8%	96.4%	69.7%	80.6%
7	Pilsworth Road / Heywood Distribution Centre	Priority	42.0%	38.0%	47.0%			
8	Pilsworth Road / JPA1.1 & SHDA employment	Priority	0.0%	0.0%	0.0%			
9	Pilsworth Road / Moss Hall Road - South (3 Arrows)	Priority	70.0%	67.0%	84.0%			
10	Pilsworth Road / Moss Hall Road - North (Fowler Welch)	Priority	59.0%	53.0%	71.0%			
11	M66 J3	Signals	WSP Vissim Modelling Results reported on Seperately					
12	M66 J2	Signals	101.0%	88.0%	100.0%	101.0%	85.0%	99.0%
13	Whittle Lane / A6045 Heywood Old Road	Priority	40.0%	23.0%	56.0%			
14	A6045 Heywood Old Road / Langley Lane	Signals	71.7%	49.3%	70.6%			
15	Langley Lane / A6046 Hollin Lane	Priority	59.0%	36.0%	49.0%			
16	A6045 Manchester Road / Coronation Avenue	Signals	80.3%	63.7%	79.2%			
17	Hollins Brow / Hollins Lane	Priority	86.0%	60.0%	76.0%			
18	Hollins Brow / A56 Manchester Road	Signals	103.9%	85.7%	91.9%	96.4%	80.8%	90.7%
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	84.1%	68.4%	89.5%			
23	A58 Rochdale Road / B6221 Wash Lane traffic signals (TRANSYT with J12)	Signals	79.0%	74.0%	77.0%	85.0%	76.0%	80.0%