

Appendix T: Junction Assessments: Results Overview Table (Run 12 vs Run 14)

JPA1.1 only vs Cumulative JPA1.1 & JPA1.2

Comparison between 2039 Policy Off, Do Something Assessments, With the M62 Access Solution

Run 12 vs 14

Model Run Descriptions

Run 12	2039 DS1 (JPA1.1 Only) - Policy Off - with M62 Access Solution*
Run 14	2039 DS3 (Cumulative JPA1.1 & JPA 1.2) - Policy Off - with M62 Access Solution*

*In both Run 12 and 14 - the Western Access is included, Whittle Lane is open (capacity limited), 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%

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

TT Ref:	Jct. Name	Type	Run 12			Run 14		
			AM	IP	PM	AM	IP	PM
1	M62 J19	Signals	0.0%	0.0%	0.0%	82.0%	68.0%	86.0%
2	A6045 Manchester Road / Queen Elizabeth II Way (QEII Way)	Signals	58.6%	54.9%	72.8%	58.3%	50.1%	75.8%
3	QEII Way / Hareshill Road / SH residential & local centre		Junction no longer proposed by South Heywood Masterplan					
4	Hareshills Road / Hill Top Road	Signals	52.5%	45.9%	54.5%	64.2%	71.4%	57.6%
5	Hareshill Road / Pilsworth Road	Signals	83.0%	69.0%	75.7%	81.3%	67.5%	74.6%
6	A58 Bridge St / Pilsworth Road	Signals	146.0%	91.3%	98.8%	139.1%	92.6%	100.4%
7	Pilsworth Road / Heywood Distribution Centre	Priority	64.0%	65.0%	66.0%	67.0%	65.0%	68.0%
8	Pilsworth Road / JPA1.1 & SHDA employment	Priority	7.0%	7.0%	7.0%	8.0%	7.0%	7.0%
9	Pilsworth Road / Moss Hall Road - South (3 Arrows)	Priority	73.0%	54.0%	66.0%	75.0%	54.0%	68.0%
10	Pilsworth Road / Moss Hall Road - North (Fowler Welch)	Priority	67.0%	58.0%	70.0%	68.0%	59.0%	71.0%
11	M66 J3	Signals	WSP Vissim Modelling Results reported on Separately					
12	M66 J2	Signals	0.0%	0.0%	0.0%	124.0%	99.0%	116.0%
13	Whittle Lane / A6045 Heywood Old Road	Priority	30.0%	19.0%	35.0%	27.0%	18.0%	39.0%
14	A6045 Heywood Old Road / Langley Lane	Signals	78.6%	62.9%	79.0%	73.2%	60.3%	83.4%
15	Langley Lane / A6046 Hollin Lane	Priority	52.0%	42.0%	50.0%	52.0%	46.0%	55.0%
16	A6045 Manchester Road / Coronation Avenue	Signals	92.0%	71.9%	86.7%	96.1%	74.8%	85.8%
17	Hollins Brow / Hollins Lane	Priority	0.0%	0.0%	0.0%	102.0%	77.0%	85.0%
18	Hollins Brow / A56 Manchester Road	Signals	114.0%	93.0%	105.3%	107.3%	93.4%	107.1%
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	87.3%	69.3%	86.2%	94.9%	76.4%	91.9%
23	A58 Rochdale Road / B6221 Wash Lane traffic signals (TRANSYT with J12)	Signals	0.0%	0.0%	0.0%	85.0%	82.0%	83.0%