

Comparison 3a
2032 Do Minimum vs 2032 Do Something 3 - Cumulative (Without M62 Access Solution)

Severance Effects

WSP Link Ref	TT Link Ref:	Link Description	Receptors	Sensitivity	24hr AADT - All Vehicles			% Change	Magnitude of Change	Significance of effect
					DM	DS	Diff			
23	2	M62 Westbound Off-Slip.	Congested Junction	Medium	7210	7930	720	10%	Negligible	Negligible
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	11173	14071	2898	26%	Negligible	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	20087	20873	786	4%	Negligible	Negligible
2	8	Hareshill Road / Queen Elizabeth II Way Corridor, Between Hareshill Road / QEII / South Heywood residential & local centre (Jct 3) and Manchester Road.	Congested Junction	Medium	10249	13062	2813	27%	Negligible	Negligible
3	9	Hareshill Road, between Hareshill Road / Queen Elizabeth II Way / South Heywood residential & local centre (Jct 3) and Hill Top Road.	Congested Junction	Medium	9946	12715	2769	28%	Negligible	Negligible
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	9869	13333	3464	35%	Small	Minor
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	10484	10951	467	4%	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	11149	15458	4308	39%	Small	Minor
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	19210	19876	666	3%	Negligible	Negligible
6	16	Pilsworth Road, between Heywood Distribution Park and Access to Committed Development on South Side of Pilsworth Road	Distribution Park	Low	11118	15116	3998	36%	Small	Minor
7	17	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	11271	15287	4016	36%	Small	Minor
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	5047	10839	5792	115%	Large	Moderate
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	13935	19688	5754	41%	Small	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	11829	18939	7110	60%	Medium	Moderate
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	5842	6250	407	7%	Negligible	Negligible
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	7695	8459	764	10%	Negligible	Negligible
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	4764	6136	1371	29%	Negligible	Negligible
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	4444	3722	-722	-16%	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	6194	6600	406	7%	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	15121	15204	83	1%	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	28500	28740	240	1%	Negligible	Negligible

Comparison 3a
2032 Do Minimum vs 2032 Do Something 3 - Cumulative (Without M62 Access Solution)

Pedestrian Delay Effects

WSP Link Ref	TT Link Ref:	Link Description	Receptors	Sensitivity	AM Peak - All Vehicles			PM Peak - All Vehicles			Max Peak hour increase	Magnitude of Change	Significance of effect
					DM	DS	Diff	DM	DS	Diff			
23	2	M62 Westbound Off-Slip.	Congested Junction	Medium	728	819	91	670	698	29	91	Negligible	Negligible
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	1169	1432	263	948	1217	269	269	Small	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	1921	2037	116	1602	1645	43	116	Negligible	Negligible
2	8	Hareshill Road / Queen Elizabeth II Way Corridor, Between Hareshill Road / QEII / South Heywood residential & local centre (Jct 3) and Manchester Road.	Congested Junction	Medium	982	1236	255	821	1042	221	255	Small	Minor
3	9	Hareshill Road, between Hareshill Road / Queen Elizabeth II Way / South Heywood residential & local centre (Jct 3) and Hill Top Road.	Congested Junction	Medium	940	1192	253	797	1010	213	253	Small	Minor
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	925	1225	301	811	1138	327	327	Small	Minor
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	937	969	32	914	916	2	32	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	938	1326	388	937	1297	361	388	Medium	Moderate
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	1555	1622	68	1612	1603	-9	68	Negligible	Negligible
6	16	Pilsworth Road, between Heywood Distribution Park and Access to Committed Development on South Side of Pilsworth Road	Distribution Park	Low	973	1333	360	943	1320	376	376	Medium	Minor
7	17	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	982	1344	362	954	1335	381	381	Medium	Minor
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	444	863	419	414	848	434	434	Medium	Moderate
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	1201	1640	439	1204	1816	612	612	Medium	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	1043	1569	526	987	1775	788	788	Large	Moderate
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	406	420	14	602	667	66	66	Negligible	Negligible
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	754	883	129	587	628	41	129	Small	Minor
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	457	580	122	319	415	96	122	Small	Minor
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	403	332	-71	390	330	-60	-60	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	603	656	53	483	513	30	53	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	1197	1235	39	1221	1227	7	39	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	2366	2403	37	2384	2420	36	37	Negligible	Negligible

Comparison 3a
2032 Do Minimum vs 2032 Do Something 3 - Cumulative (Without M62 Access Solution)
Pedestrian Amenity Effects

WSP Link Ref	TT Link Ref:	Link Description	Receptors	Sensitivity	AM Peak - All Vehicles				PM Peak - All Vehicles				Max Peak hour increase	Magnitude of Change	Significance of effect
					DM	DS	Diff	% increase	DM	DS	Diff	% increase			
23	2	M62 Westbound Off-Slip.	Congested Junction	Medium	728	819	91	12%	670	698	29	4%	12%	Negligible	Negligible
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	1169	1432	263	23%	948	1217	269	28%	28%	Negligible	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	1921	2037	116	6%	1602	1645	43	3%	6%	Negligible	Negligible
2	8	Hareshill Road / Queen Elizabeth II Way Corridor, Between Hareshill Road / QEII / South Heywood residential & local centre (Jct 3) and Manchester Road.	Congested Junction	Medium	982	1236	255	26%	821	1042	221	27%	27%	Negligible	Negligible
3	9	Hareshill Road, between Hareshill Road / Queen Elizabeth II Way / South Heywood residential & local centre (Jct 3) and Hill Top Road.	Congested Junction	Medium	940	1192	253	27%	797	1010	213	27%	27%	Negligible	Negligible
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	925	1225	301	33%	811	1138	327	40%	40%	Negligible	Negligible
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	937	969	32	3%	914	916	2	0%	3%	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	938	1326	388	41%	937	1297	361	38%	41%	Negligible	Negligible
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	1555	1622	68	4%	1612	1603	-9	-1%	4%	Negligible	Negligible
6	16	Pilsworth Road, between Heywood Distribution Park and Access to Committed Development on South Side of Pilsworth Road	Distribution Park	Low	973	1333	360	37%	943	1320	376	40%	40%	Negligible	Negligible
7	17	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	982	1344	362	37%	954	1335	381	40%	40%	Negligible	Negligible
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	444	863	419	94%	414	848	434	105%	105%	Medium	Moderate
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	1201	1640	439	37%	1204	1816	612	51%	51%	Small	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	1043	1569	526	50%	987	1775	788	80%	80%	Small	Minor
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	406	420	14	4%	602	667	66	11%	11%	Negligible	Negligible
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	754	883	129	17%	587	628	41	7%	17%	Negligible	Negligible
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	457	580	122	27%	319	415	96	30%	30%	Negligible	Negligible
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	403	332	-71	-18%	390	330	-60	-15%	-15%	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	603	656	53	9%	483	513	30	6%	9%	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	1197	1235	39	3%	1221	1227	7	1%	3%	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	2366	2403	37	2%	2384	2420	36	2%	2%	Negligible	Negligible

Comparison 3a
2032 Do Minimum vs 2032 Do Something 3 - Cumulative (Without M62 Access Solution)
Fear & Intimidation Effects

WSP Link Ref	TT Link Ref:	Link Description	Receptors	Sensitivity	AAWT18 - DS				Degree of Hazard Score			Total Score	Magnitude of Change	Significance of effect
					Total Vehicles	(a) Ave. Hourly Vehs	(b) Total HGV	(c) Speed	(a) Ave. Hourly Vehs	(b) Total HGV	(c) Speed			
23	2	M62 Westbound Off-Slip.	Congested Junction	Medium	7021	390	1081	32	0	10	20	30	Small	Minor
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	11602	645	2829	64	10	20	30	60	Medium	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	19336	1074	1938	43	10	10	30	50	Medium	Moderate
2	8	Harehill Road / Queen Elizabeth II Way Corridor, Between Harehill Road / QEII / South Heywood residential & local centre (Jct 3) and Manchester Road.	Congested Junction	Medium	10588	588	2819	39	0	20	20	40	Small	Minor
3	9	Harehill Road, between Harehill Road / Queen Elizabeth II Way / South Heywood residential & local centre (Jct 3) and Hill Top Road.	Congested Junction	Medium	10235	569	2821	41	0	20	30	50	Medium	Moderate
4	11	Harehill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	11080	616	2589	32	10	20	20	50	Medium	Minor
13	12	Pilsworth Road, between Harehill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	10327	574	823	37	0	0	20	20	Negligible	Negligible
5	13	Pilsworth Road, between Harehill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	12954	720	2886	30	10	20	10	40	Small	Minor
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	19191	1066	1017	27	10	10	10	30	Small	Minor
6	16	Pilsworth Road, between Heywood Distribution Park and Access to Committed Development on South Side of Pilsworth Road	Distribution Park	Low	12869	715	2608	44	10	20	30	60	Medium	Minor
7	17	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	12998	722	2656	36	10	20	20	50	Medium	Minor
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	8783	488	2343	31	0	20	20	40	Small	Minor
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	17205	956	2926	57	10	20	30	60	Medium	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	16659	925	2699	60	10	20	30	60	Medium	Moderate
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	6003	334	353	43	0	0	30	30	Small	Minor
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	7425	413	1222	84	0	10	30	40	Small	Minor
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	5990	333	244	85	0	0	30	30	Small	Minor
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	3773	210	0	24	0	0	10	10	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	6601	367	96	33	0	0	20	20	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	15027	835	409	21	10	0	10	20	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	28645	1591	519	20	20	0	10	30	Small	Minor

Comparison 3a

2032 Do Minimum vs 2032 Do Something 3 - Cumulative (Without M62 Access Solution)

Driver Delay

TT Link Ref.	Link Description	Receptors	Sensitivity	Delay - AM Peak			Delay PM Peak			Max Dealay Increase	Magnitude of Change	Significance of effect
				DM	DS	Diff	DM	DS	Diff			
2 -WB	M62 Westbound Off-Slip.	Congested Junction	Medium	260	525	266	26	19	-7	266	Large	Moderate
4 - EB	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	30	27	-3	29	47	18	18	Negligible	Negligible
4 - WB	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	34	28	-6	35	32	-3	-3	Negligible	Negligible
7 - SWB	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	21	29	8	23	24	1	8	Negligible	Negligible
7 - NEB	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	35	49	14	38	34	-4	14	Negligible	Negligible
8 - EB	Hareshill Road / Queen Elizabeth II Way Corridor, Between Hareshill Road / QEII / South Heywood residential & local centre (Jct 3) and Manchester Road.	Congested Junction	Medium	36	31	-4	34	33	-1	-1	Negligible	Negligible
9 - NWB	Hareshill Road, between Hareshill Road / Queen Elizabeth II Way / South Heywood residential & local centre (Jct 3) and Hill Top Road.	Congested Junction	Medium	4	5	2	3	6	3	3	Negligible	Negligible
11- SEB	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	18	15	-3	25	20	-5	-3	Negligible	Negligible
11 - NWB	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	12	18	6	9	10	1	6	Negligible	Negligible
12 - SWB	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	20	28	7	28	39	11	11	Negligible	Negligible
12 - NB	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	351	400	49	88	87	-1	49	Negligible	Negligible
13 - NEB	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	22	29	7	16	19	3	7	Negligible	Negligible
13 - SWB	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	12	15	2	13	16	3	3	Negligible	Negligible
15 - WB	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	10	11	1	11	12	1	1	Negligible	Negligible
16 - NEB	Pilsworth Road, between Heywood Distribution Park and Access to Committed Development on South Side of Pilsworth Road	Distribution Park	Low	24	51	27	28	56	28	28	Negligible	Negligible
16 - SWB	Pilsworth Road, between Heywood Distribution Park and Access to Committed Development on South Side of Pilsworth Road	Distribution Park	Low	16	30	14	15	22	7	14	Negligible	Negligible
17 - EB	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	10	13	3	10	11	1	3	Negligible	Negligible
17 - WB	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	0	3	3	0	2	2	3	Negligible	Negligible
18 - NB	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	159	3	-156	48	5	-43	-43	Negligible	Negligible
19 - SEB	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	9	5	-5	10	4	-6	-5	Negligible	Negligible
19 - NWB	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	43	3	-40	40	4	-36	-36	Negligible	Negligible
20 -EB	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	64	3	-61	58	4	-54	-54	Negligible	Negligible
20 -WB	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	No delay results within VISSIM model								
21 - SB	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	38	5	-34	28	4	-24	-24	Negligible	Negligible
22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	No delay results within VISSIM model								
23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium									
33 - SEB	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	12	11	-1	19	16	-3	-1	Negligible	Negligible
38 - WB	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	22	25	3	18	21	2	3	Negligible	Negligible
39 - NEB	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	18	25	7	12	13	0	7	Negligible	Negligible
39 - SWB	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	82	75	-7	63	190	127	127	Medium	Moderate
41 - SB	Manchester Road, north of Hollins Brow	Retail Park	Medium	52	51	-2	41	146	104	104	Small	Minor