

Comparison 1a
2032 Do Minimum vs 2032 Do Something 1 (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	7885	675	9%	Negligible	Negligible
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	11173	13542	2369	21%	Negligible	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	20087	20554	467	2%	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	13040	2791	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	12706	2760	28%	Negligible	Negligible
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	9869	13303	3434	35%	Small	Minor
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	10484	10905	421	4%	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	11149	15385	4236	38%	Small	Minor
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	19210	19820	610	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	15084	3966	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	15245	3974	35%	Small	Minor
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	5047	10678	5631	112%	Large	Moderate
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	13935	19508	5573	40%	Small	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	11829	18767	6937	59%	Small	Minor
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	5842	6230	387	7%	Negligible	Negligible
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	7695	8392	697	9%	Negligible	Negligible
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	4764	6174	1410	30%	Negligible	Negligible
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	4444	3766	-678	-15%	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	6194	6590	396	6%	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	15121	15199	78	1%	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	28500	28702	202	1%	Negligible	Negligible

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2032 Do Minimum vs 2032 Do Something 1 (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	820	91	670	693	24	24	Negligible	Negligible
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	1169	1350	182	948	1187	239	239	Small	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	1921	1982	61	1602	1602	1	61	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	1229	248	821	1047	226	248	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	1186	246	797	1017	220	246	Small	Minor
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	925	1220	295	811	1136	324	324	Small	Minor
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	937	962	25	914	912	-2	25	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	938	1327	388	937	1289	352	388	Medium	Moderate
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	1555	1622	67	1612	1597	-15	67	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	1334	361	943	1315	372	372	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	1329	375	375	Medium	Minor
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	444	861	417	414	822	408	417	Medium	Moderate
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	1201	1644	443	1204	1788	584	584	Medium	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	1043	1571	529	987	1750	763	763	Large	Moderate
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	406	421	16	602	662	61	61	Negligible	Negligible
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	754	881	127	587	624	37	127	Small	Minor
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	457	586	128	319	414	95	128	Small	Minor
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	403	329	-74	390	327	-63	-63	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	603	656	52	483	513	30	52	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	1197	1234	37	1221	1228	8	37	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	2366	2399	33	2384	2420	35	35	Negligible	Negligible

Comparison 1a
2032 Do Minimum vs 2032 Do Something 1 (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	820	91	13%	670	693	24	4%	13%	Negligible	Negligible
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	1169	1350	182	16%	948	1187	239	25%	25%	Negligible	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	1921	1982	61	3%	1602	1602	1	0%	3%	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	1229	248	25%	821	1047	226	28%	28%	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	1186	246	26%	797	1017	220	28%	28%	Negligible	Negligible
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	925	1220	295	32%	811	1136	324	40%	40%	Negligible	Negligible
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	937	962	25	3%	914	912	-2	0%	3%	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	938	1327	388	41%	937	1289	352	38%	41%	Negligible	Negligible
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	1555	1622	67	4%	1612	1597	-15	-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	1334	361	37%	943	1315	372	39%	39%	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	1329	375	39%	39%	Negligible	Negligible
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	444	861	417	94%	414	822	408	99%	99%	Small	Minor
8	19	Moss Hall Road, between 3 arrows (Jct 9) and Fowler Welch (Jct 10)	Distribution Park	Low	1201	1644	443	37%	1204	1788	584	48%	48%	Negligible	Negligible
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	1043	1571	529	51%	987	1750	763	77%	77%	Small	Minor
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	406	421	16	4%	602	662	61	10%	10%	Negligible	Negligible
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	754	881	127	17%	587	624	37	6%	17%	Negligible	Negligible
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	457	586	128	28%	319	414	95	30%	30%	Negligible	Negligible
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	403	329	-74	-18%	390	327	-63	-16%	-16%	Negligible	Negligible
57	38	Hollins Lane, between Hollins Brow / Croft Lane and Church Meadow	Residential Area: Adequate footways	Low	603	656	52	9%	483	513	30	6%	9%	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	1197	1234	37	3%	1221	1228	8	1%	3%	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	2366	2399	33	1%	2384	2420	35	1%	1%	Negligible	Negligible

Comparison 1a
2032 Do Minimum vs 2032 Do Something 1 (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	6976	388	1081	32	0	10	20	30	Small	Minor
35	4	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	11074	615	2819	64	10	20	30	60	Medium	Negligible
29	7	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	19049	1058	1899	43	10	10	30	50	Medium	Moderate
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	10591	588	2793	39	0	20	20	40	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	10251	570	2794	41	0	20	30	50	Medium	Moderate
4	11	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	11076	615	2560	32	10	20	20	50	Medium	Minor
13	12	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	10281	571	822	37	0	0	20	20	Negligible	Negligible
5	13	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	12906	717	2858	30	10	20	20	50	Medium	Moderate
39	15	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	19128	1063	1024	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	12810	712	2636	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	12930	718	2683	36	10	20	20	50	Medium	Minor
12	18	Moss Hall Road, between Pilsworth Road and Whittle Lane	Congested Junction	Medium	8620	479	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	16997	944	2953	57	10	20	30	60	Medium	Minor
42	20	Pilsworth Road, between Moss Hall Road and M66	Congested Junction	Medium	16459	914	2726	60	10	20	30	60	Medium	Moderate
10	21	Moss Hall Road, between Fowler Welch and Broadlands Industrial Access	Distribution Park	Low	5983	332	353	43	0	0	30	30	Small	Minor
44	22	M66 Jct 3, Northbound Off-Slip.	Congested Junction	Medium	7332	407	1249	84	0	10	30	40	Small	Minor
47	23	M66 Jct 3, Southbound Off-Slip.	Congested Junction	Medium	6029	335	244	85	0	0	30	30	Small	Minor
14	33	Whittle Lane, west of Heywood Old Road	Residential Area: Adequate footways	Low	3817	212	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	6591	366	96	33	0	0	20	20	Negligible	Negligible
61	39	Hollins Brow, between Hollins Lane and Manchester Road	Congested Junction	Medium	15021	835	410	21	10	0	10	20	Negligible	Negligible
60	41	Manchester Road, north of Hollins Brow	Retail Park	Medium	28607	1589	519	20	20	0	10	30	Small	Minor

Comparison 1a

2032 Do Minimum vs 2032 Do Something 1 (Without M62 Access Solution)

Driver Delay

TT Link Ref:	Link Description	Receptors	Sensitivity	Delay - AM Peak			Delay PM Peak			Max Dleay increase	Magnitude of Change	Significance of effect
				DM	DS	Diff	DM	DS	Diff			
2 -WB	M62 Westbound Off-Slip.	Congested Junction	Medium	260	196	-64	26	21	-5	-5	Negligible	Negligible
4 - EB	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	30	22	-8	29	39	11	11	Negligible	Negligible
4 - WB	Queen Elizabeth II Way, between M62 Jct 19 and Manchester Road.	Greenfields	Negligible	34	28	-6	35	46	11	11	Negligible	Negligible
7 - SWB	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	21	25	4	23	28	5	5	Negligible	Negligible
7 - NEB	Manchester Road, between Queen Elizabeth II Way and Coronation Avenue.	Congested Junction	Medium	35	44	9	38	38	0	9	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	40	6	6	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	1	3	5	2	2	Negligible	Negligible
11- SEB	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	18	12	-6	25	20	-6	-6	Negligible	Negligible
11 - NWB	Hareshill Road, between Hill Top Road and Pilsworth Road.	Distribution Park	Low	12	14	2	9	10	1	2	Negligible	Negligible
12 - SWB	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	20	28	8	28	37	9	9	Negligible	Negligible
12 - NB	Pilsworth Road, between Hareshill Road / Pilsworth Road and A58 Bury St	Congested Junction	Medium	351	435	84	88	81	-6	84	Small	Minor
13 - NEB	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	22	27	5	16	19	3	5	Negligible	Negligible
13 - SWB	Pilsworth Road, between Hareshill Road / Pilsworth Road and Heywood Distribution Park	Congested Junction	Medium	12	10	-3	13	10	-2	-2	Negligible	Negligible
15 - WB	A58 Bridge Street – East of Pilsworth Road	Residential Area: Adequate footways	Low	10	11	1	11	11	0	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	34	10	28	37	9	10	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	21	5	15	16	1	5	Negligible	Negligible
17 - EB	Pilsworth Road, between Access to Committed Development on South Side of Pilsworth Road & Moss Hall Road	Distribution Park	Low	10	9	-2	10	8	-2	-2	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	10	-2	19	16	-4	-2	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	195	113	63	86	23	113	Small	Minor
41 - SB	Manchester Road, north of Hollins Brow	Retail Park	Medium	52	140	88	41	62	21	88	Small	Minor