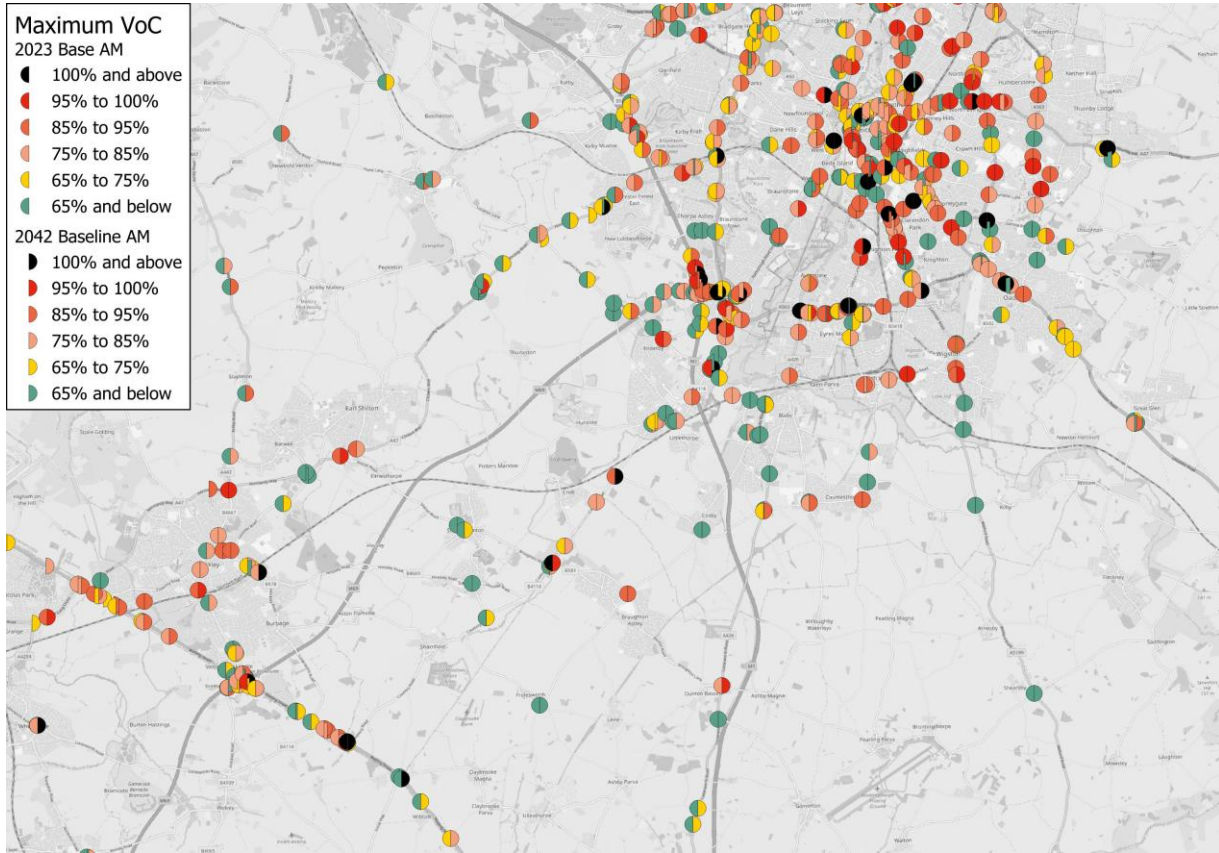
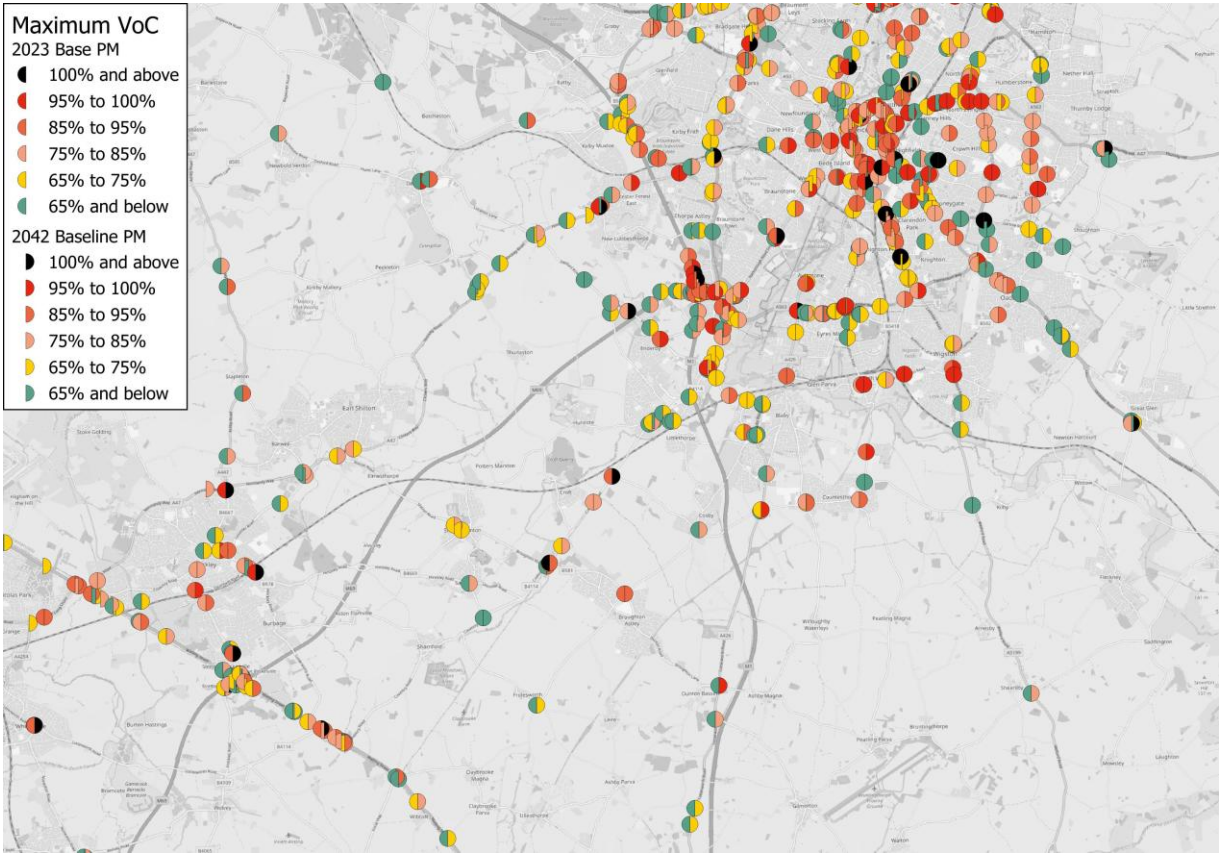


Maximum VoC – 2023 Base Year vs Scenario 2

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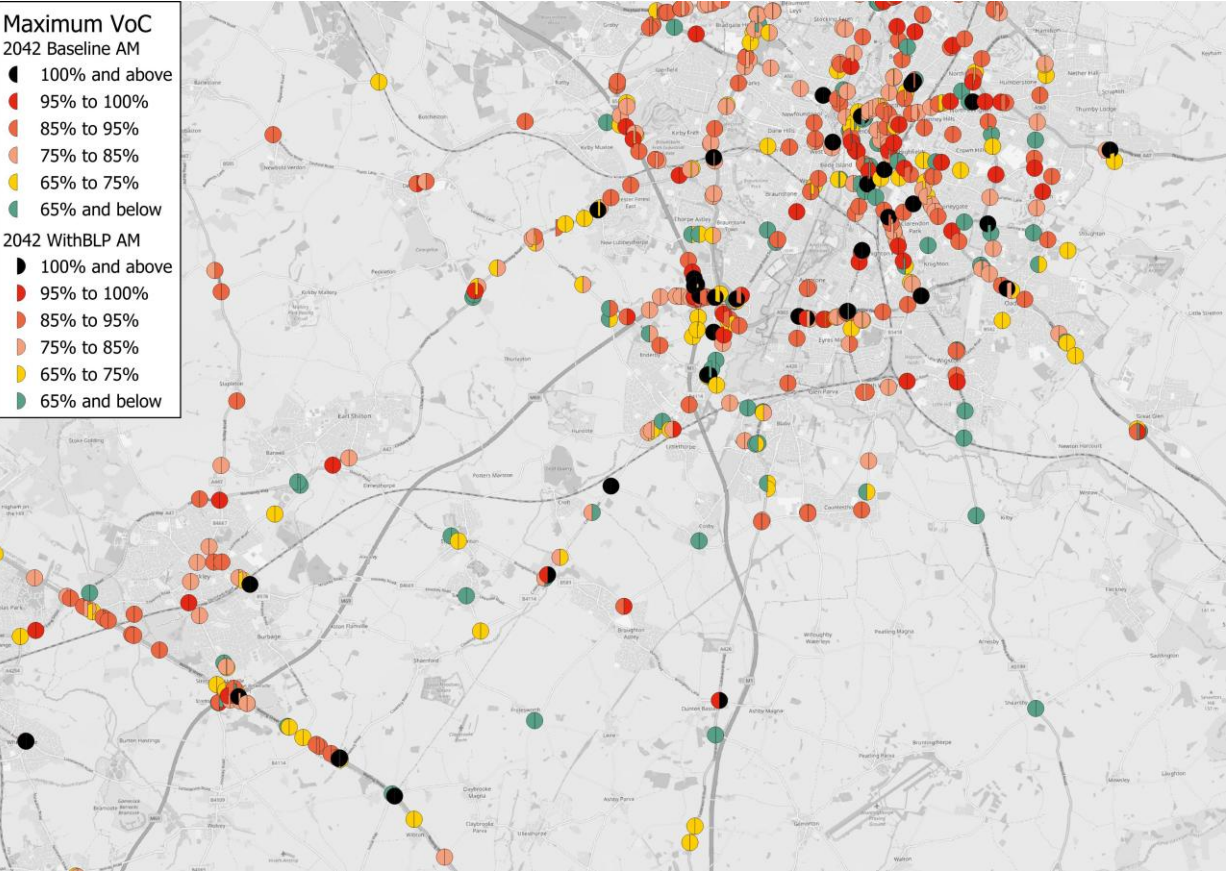


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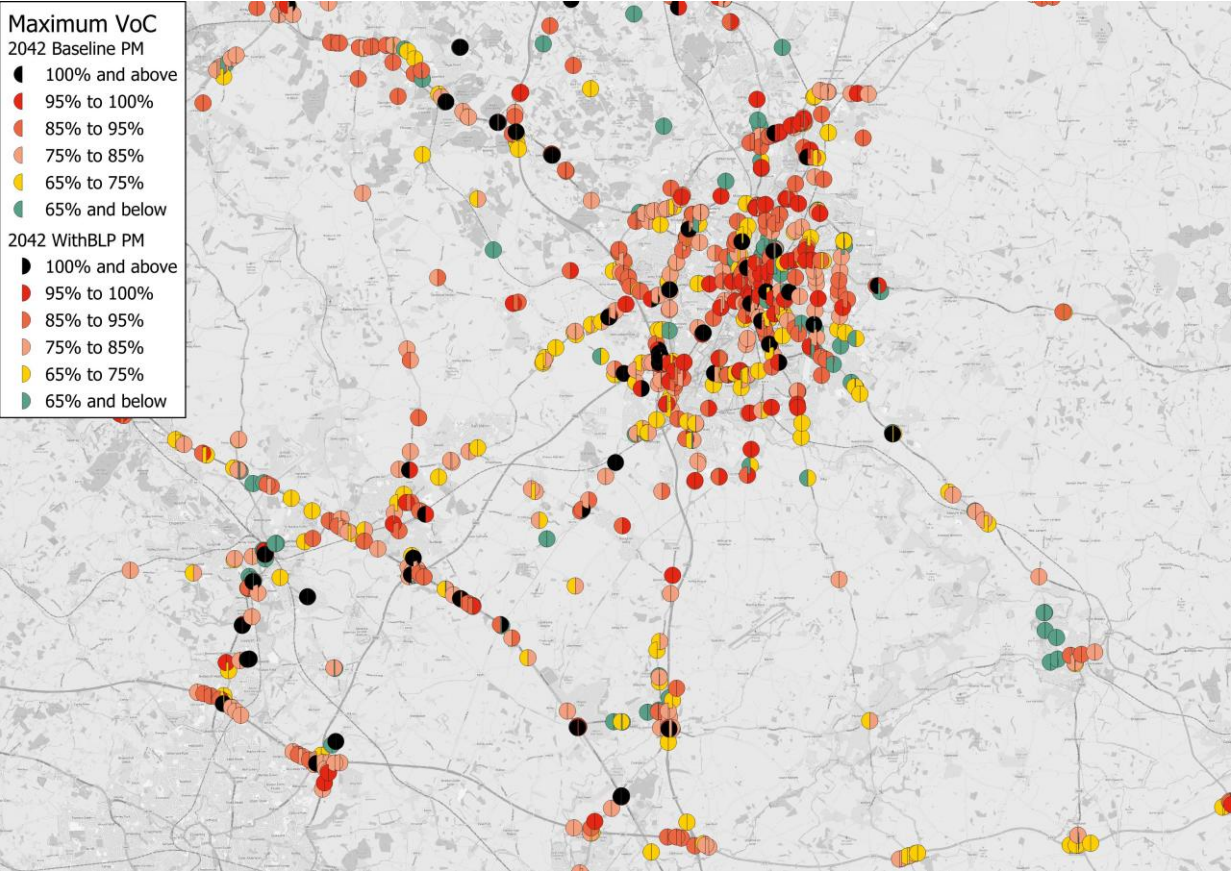


Maximum VoC –Scenario 1 vs Scenario 2

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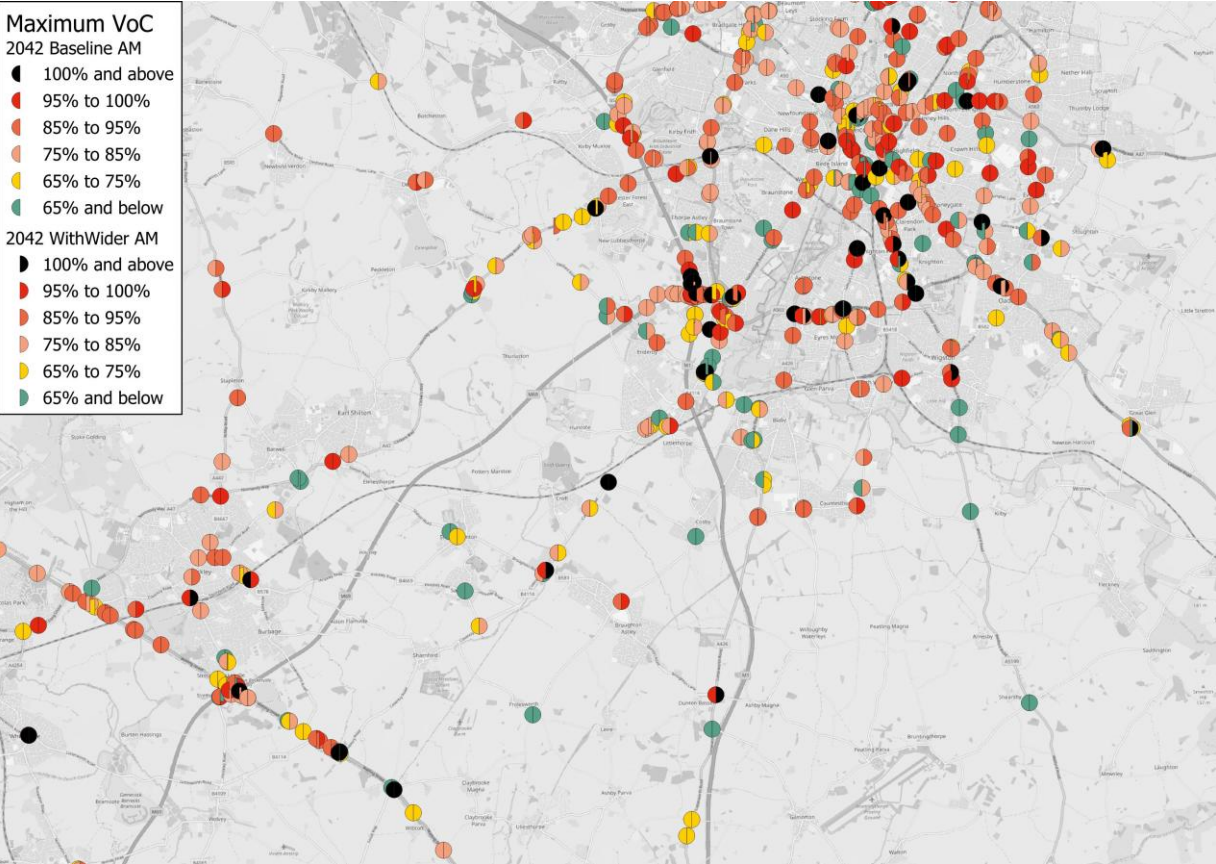


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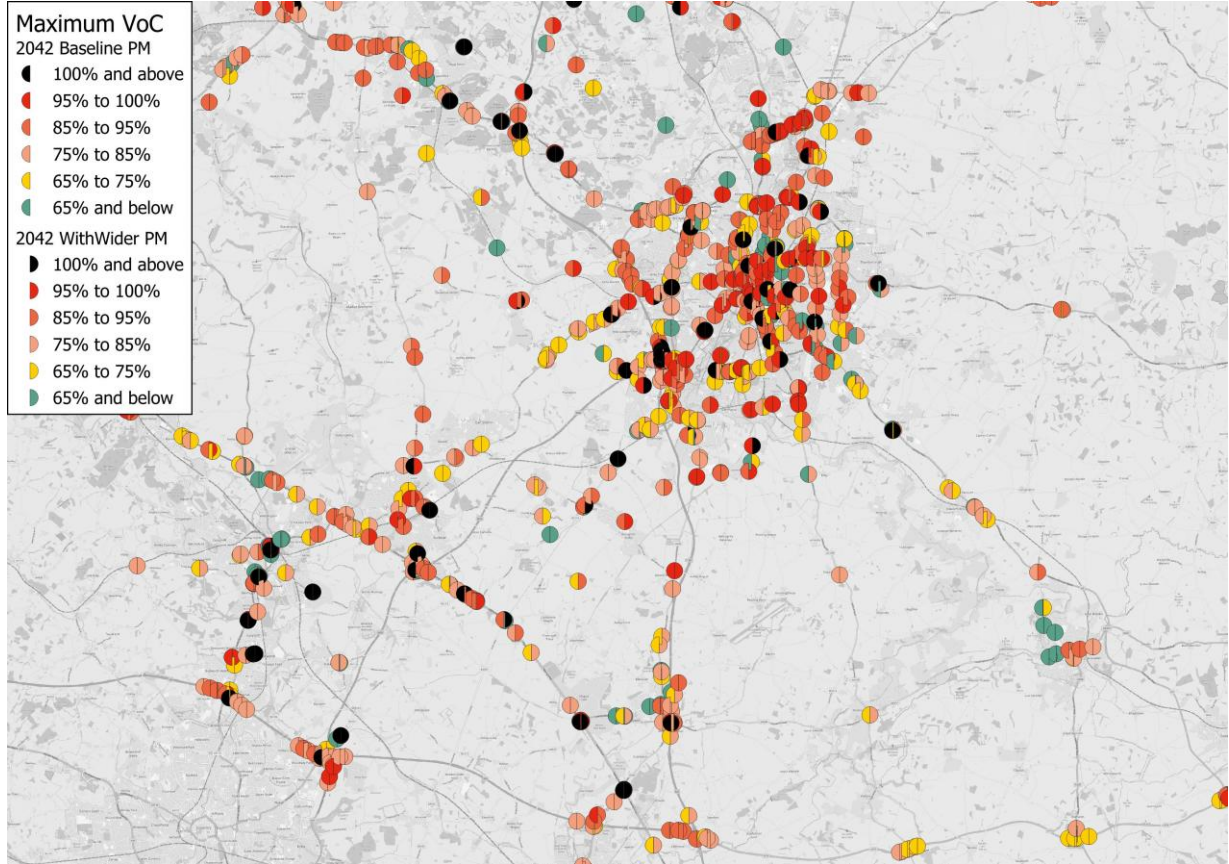


Maximum VoC –Scenario 1 vs Scenario 3

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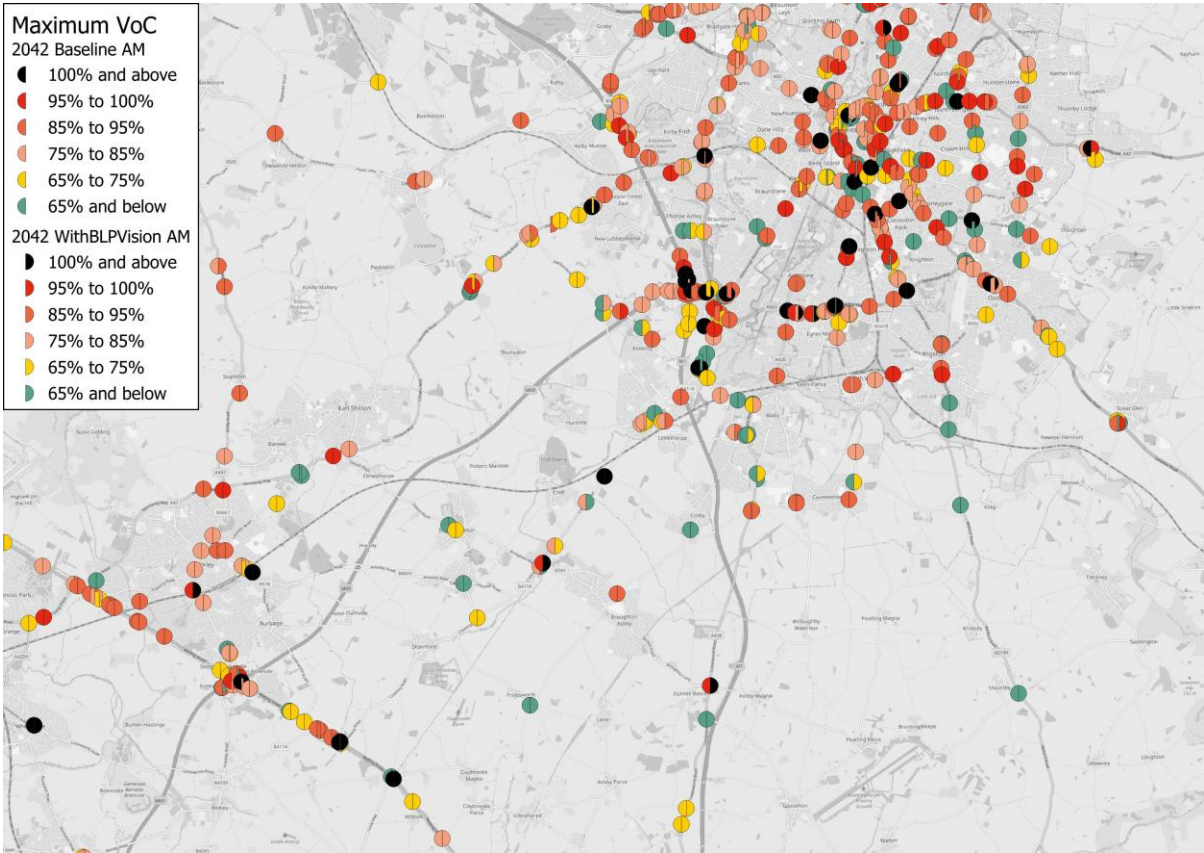


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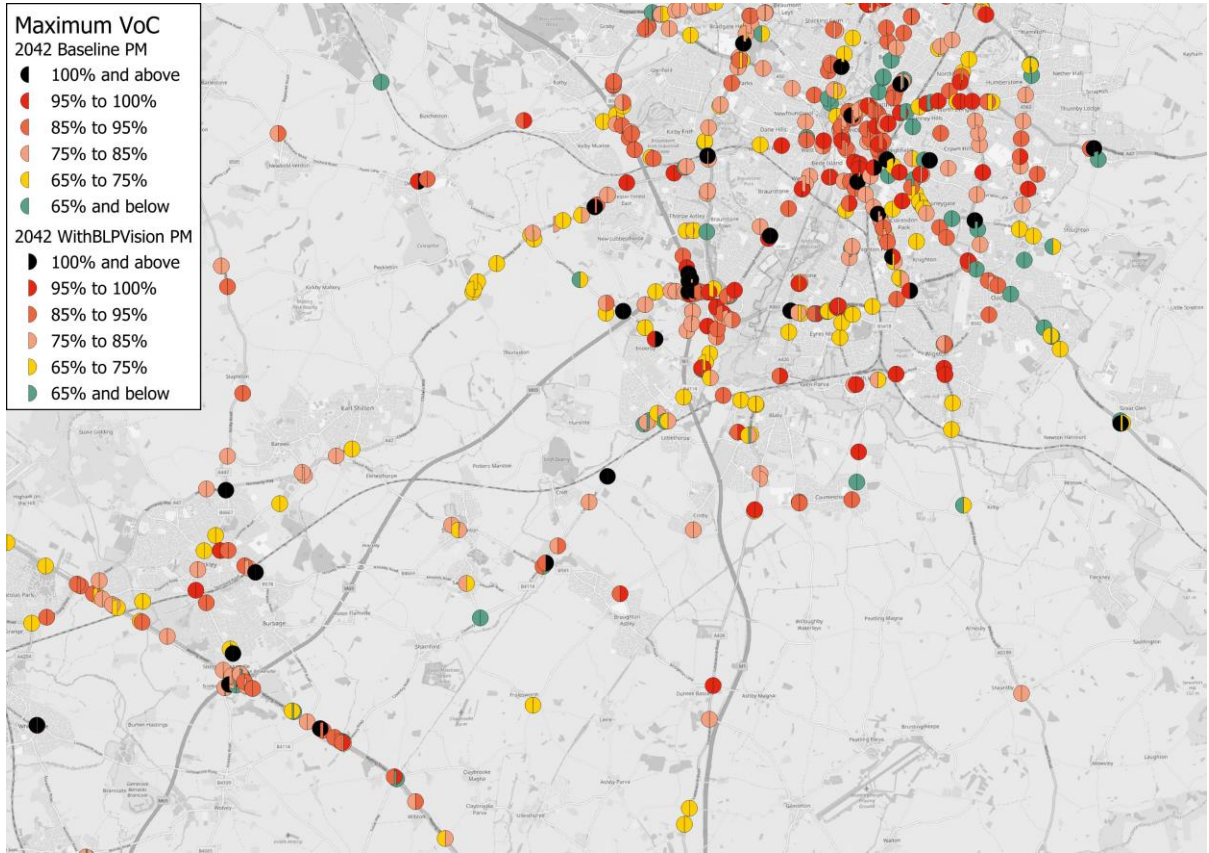


Maximum VoC –Scenario 1 vs Scenario 4

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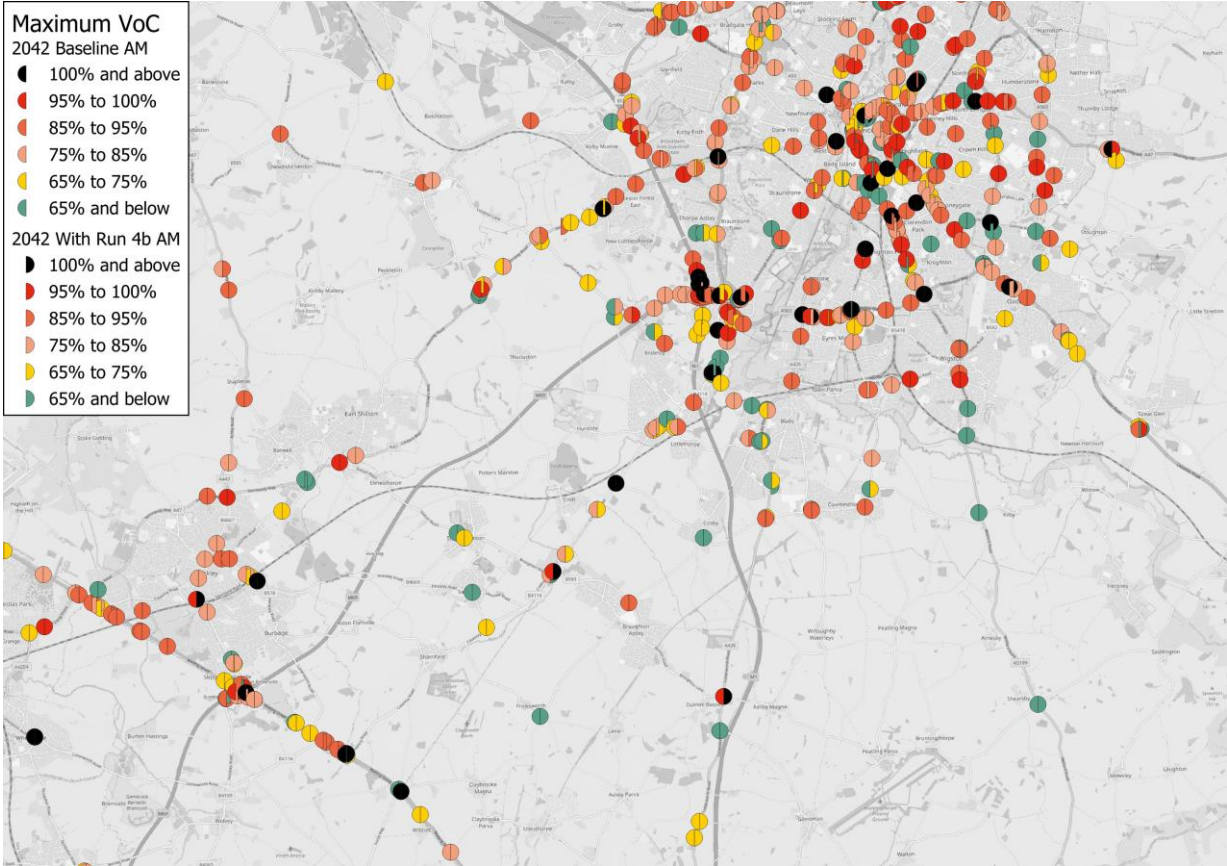


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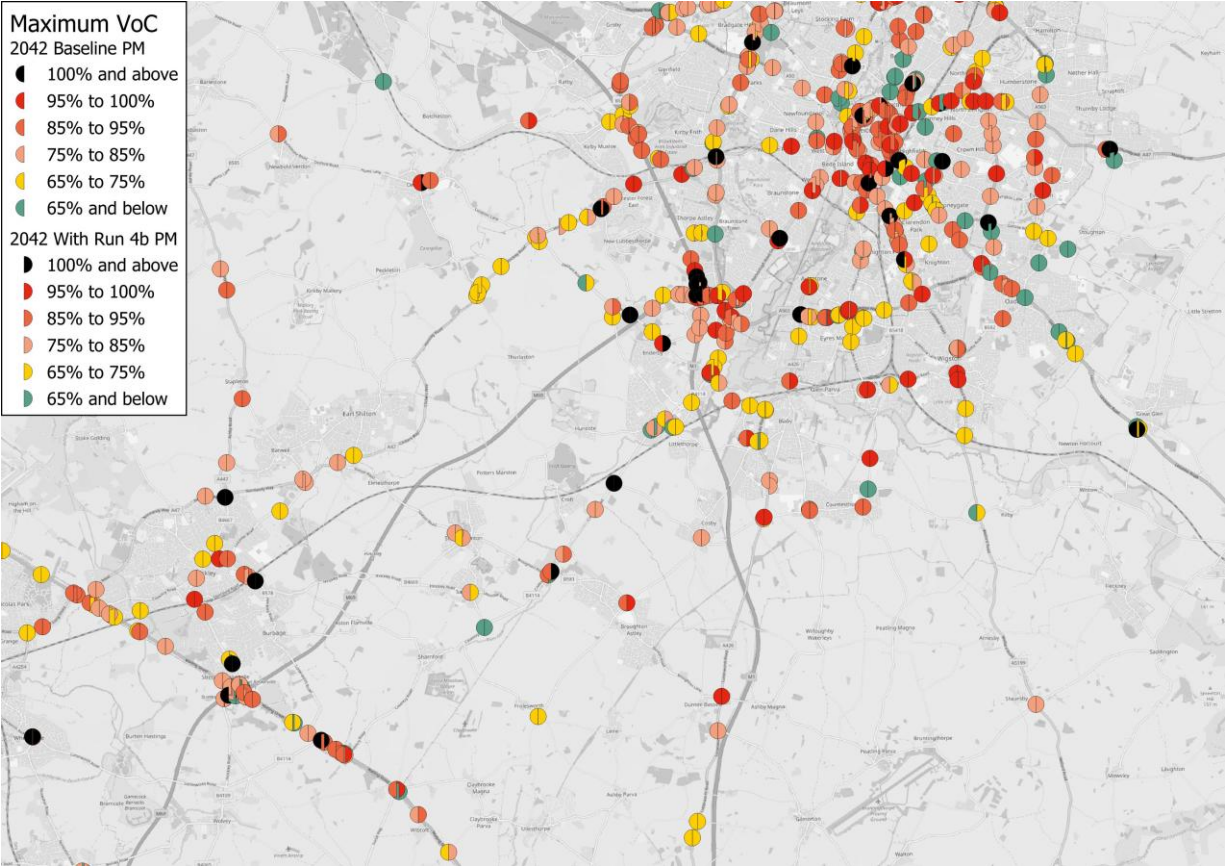


Maximum VoC –Scenario 1 vs Scenario 4b

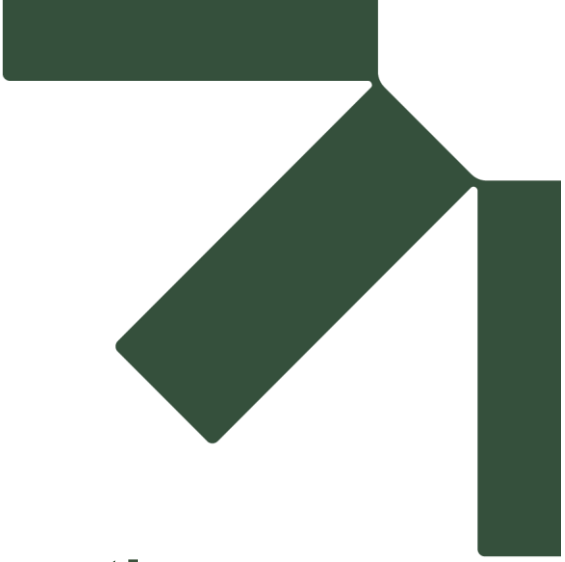
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PM



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Appendix J Junction Locations

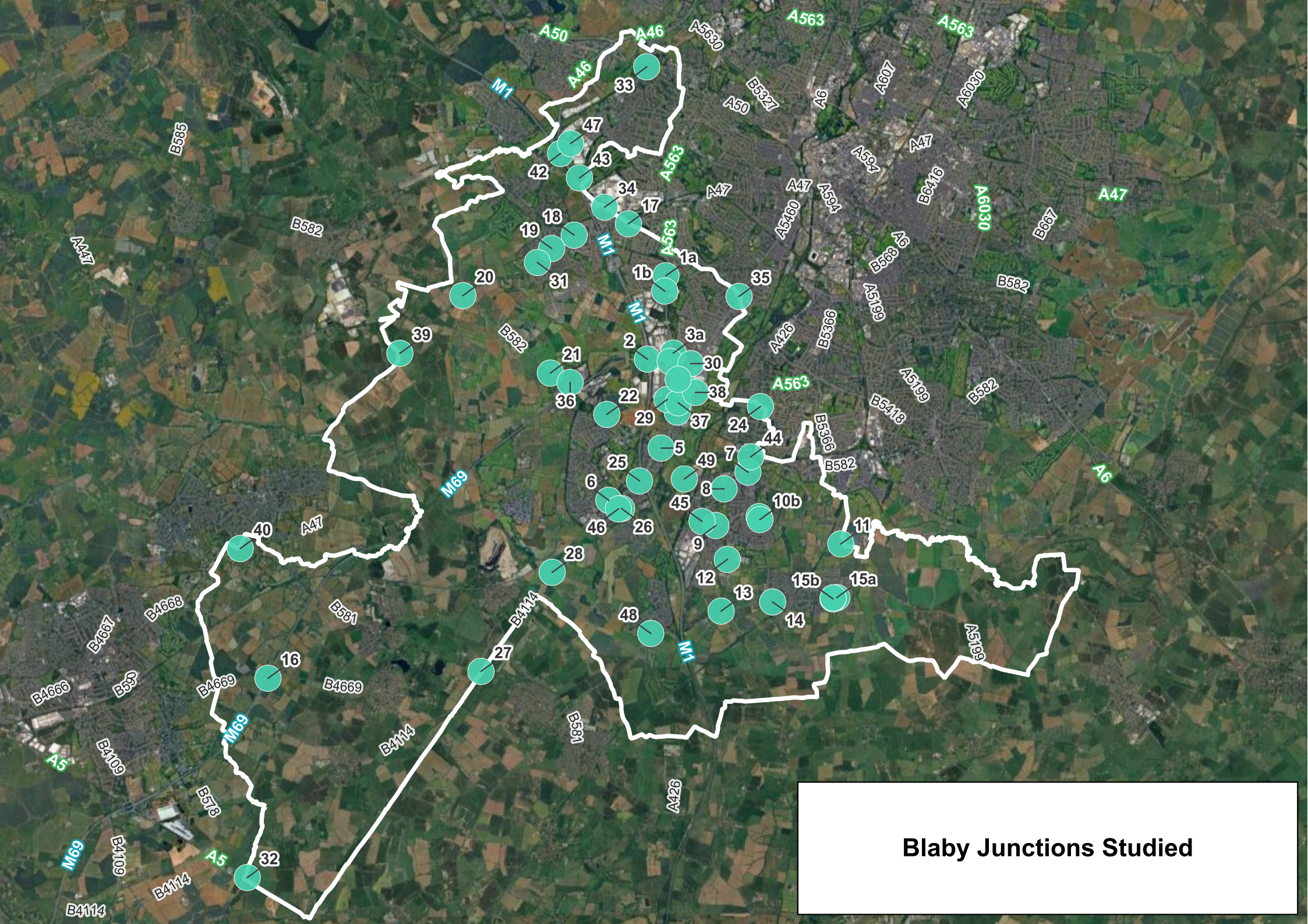
Blaby Strategic Transport Assessment Report

Blaby Local Plan Transport Evidence

Blaby District Council

SLR Project No.: 416.066233.00001

24 June 2026



Junction_Name	Arm_Name	Junction_Type	2023 Base AM	2023 Base PM	2042 Base AM	2042 Base PM	Run2 AM	Run2 PM	Run3 AM	Run3 PM	Run4a AM	Run4a PM	Run4b AM	Run4b PM
Junction 1a	Lubbesthorpe Way (N)/Withers Way (S)/Withers Way (W)	Priority Roundabout	0.246	0.127	0.263	0.224	0.273	0.217	0.274	0.22	0.27	0.22	0.268	0.22
Junction 1b	Withers Way (N)/Lubbesthorpe Way (N)/Meridian Park (E)/Lubbesthorpe Way (S)/Meridian Way (W)	Priority Roundabout	0.435	0.272	0.691	0.39	0.821	0.408	0.83	0.425	0.777	0.404	0.77	0.399
Junction 2	M1 (N)/A5460 (E)/M1 (S)/M69 (W)	Signalised Roundabout	0.97	0.985	1.037	1.089	1.066	1.126	1.07	1.136	1.056	1.099	1.054	1.091
Junction 3a	Lubbesthorpe Way (N)/A5460 Slip Road (E)/Lubbesthorpe Way (S)/Meridian S (W)	Priority Roundabout	0.655	0.709	0.645	0.629	0.645	0.612	0.644	0.603	0.644	0.623	0.643	0.624
Junction 3b	A5460 (E)/Lubbesthorpe Way (S)/A5460 (W)	Signalised Merge	1.001	0.973	1.001	0.998	1.003	0.999	0.999	0.999	1.002	0.998	1	0.998
Junction 4	Lubbesthorpe Way (NW)/Narborough Road South (NE)/Soar Valley Way (E)/Narborough Road South (S)	Signalised Roundabout	0.846	0.816	0.889	0.949	0.871	0.969	0.859	0.977	0.884	0.958	0.89	0.959
Junction 5	St Johns (NE)/Blaby Road (SE)/Leicester Road (SW)/Blaby Road (NW)	Signalised Roundabout	0.898	0.986	1.084	0.978	1.052	0.964	1.045	0.965	1.089	0.972	1.088	0.97
Junction 6	King Edward Ave (NE)/Desford Road (SE)/King edward Ave (SW)/Desford Road (NW)	Priority Roundabout	0.449	0.644	0.521	0.746	0.509	0.793	0.516	0.804	0.5	0.78	0.496	0.773
Junction 7	Leicester Road (N)/Leicester Road (S)/Blaby Bypass (W)	Priority Roundabout	0.426	0.409	0.488	0.452	0.507	0.478	0.529	0.496	0.497	0.468	0.497	0.468
Junction 8	Blaby Bypass (N)/Enderby Road (E)/Blaby Bypass (S)/Enderby Road (W)	Priority Roundabout	0.535	0.612	0.577	0.688	0.606	0.752	0.596	0.782	0.618	0.735	0.617	0.732
Junction 9	Blaby Bypass (N)/Grove Road (E)/Blaby Bypass (S)/Grove Road (W)	Priority Roundabout	0.384	0.502	0.588	0.692	0.737	0.79	0.717	0.838	0.697	0.755	0.689	0.748
Junction 10a	Welford Road (N)/Winchester Road (S)/Western Drive (W)	Priority Roundabout	0.28	0.369	0.408	0.481	0.523	0.548	0.552	0.604	0.482	0.532	0.48	0.53
Junction 10b	Welford Road (N)/Hospital Lane (E)/Welford Road (S)	Priority Roundabout	0.206	0.182	0.3	0.307	0.363	0.381	0.369	0.39	0.341	0.341	0.34	0.34
Junction 11	Countesthorpe Road (N)/Leicester Road (S)/Hospital Lane (W)	Signalised T-Junction	0.6	0.893	0.8	0.963	0.798	0.994	0.889	1.003	0.8	0.972	0.8	0.972
Junction 12	Blaby Bypass (N)/Lutterworth Road (E)/Lutterworth Road (S)/Wychwood Road (W)	Priority Roundabout	0.327	0.405	0.372	0.526	0.49	0.54	0.486	0.545	0.461	0.544	0.459	0.544
Junction 13	Lutterworth Road (N)/Countesthorpe Road (E)/Lutterworth Road (S)/Countesthorpe Road (W)	Staggered Priority T-Junctions	0.622	0.745	0.776	0.963	0.756	0.968	0.777	0.979	0.748	0.962	0.749	0.961
Junction 14	Winchester Road (N)/Cosby Road (E)/Willoughby Road (S)/Cosby Road (W)	Staggered Priority T-Junctions	0.772	0.689	0.858	0.872	0.879	0.951	0.922	0.948	0.871	0.924	0.868	0.92
Junction 15a	Wigston Street (N)/Scotland Way (SE)/Main Street (SW)	Gyratory With Priority T-Junction	0.44	0.522	0.524	0.506	0.626	0.509	0.604	0.54	0.589	0.516	0.589	0.515
Junction 15b	Gyratory North (N)/Church Street (E)/Main Street (S)	Priority T-Junction	0.859	0.76	0.917	0.901	0.926	0.985	0.973	0.98	0.925	0.947	0.925	0.945
Junction 15c	Central Street (N)/Tesco Express (E)/The Square (S)	Priority Roundabout	0.559	0.485	0.574	0.61	0.642	0.685	0.676	0.684	0.621	0.655	0.62	0.653
Junction 16	M69 (N)/Future Site Access/Hinckley Road (E)	Priority Roundabout	0.475	0.477	0.532	0.552	0.593	0.566	0.607	0.573	0.568	0.571	0.568	0.571
Junction 17	Hinckley Road (NE)/Baunstone Lane (SE)/Hinckley Road (W)	Signalised Crossroads with Left turn Priority	0.933	0.963	0.968	0.995	0.973	1.003	0.982	1.005	0.97	0.998	0.974	0.998
Junction 18	Kirby Lane (N)/Hinckley Road (E)/Hinckley Road (W)	Signalised T-Junction	0.82	0.761	0.861	0.977	0.926	0.982	0.932	0.99	0.908	0.983	0.904	0.991
Junction 19	Hinckley Road (E)/Warren Lane (S)/Hinckley Road (W)	Signalised T-Junction	0.49	0.446	0.881	0.831	0.912	0.817	0.915	0.832	0.902	0.846	0.903	0.844
Junction 20	Hinckley Road (E)/Desford Road (S)/Hinckley Road (SW)/Leicester Lane (NW)	Signalised Crossroads	-1	-1	0.838	0.777	0.942	0.791	0.949	0.82	0.919	0.801	0.915	0.799
Junction 21	Desford Road (E)/Forest Road (S)/Desford Road (W)	Priority T-Junction	0.326	0.335	0.624	0.832	0.854	0.906	0.868	0.934	0.785	0.874	0.784	0.872
Junction 22	Hall Walk (N)/Leicester Lane (E)/Blaby Road (S)	Signalised Crossroads	0.965	0.944	0.872	0.97	0.938	1.006	0.942	1.008	0.903	1.002	0.895	1.001
Junction 23	St Johns (N)/Service Road (E)/St Johns (S)	Signalised T-Junction (With Left turn only Slip)	0.772	0.783	0.779	0.849	0.795	0.922	0.833	0.93	0.793	0.89	0.79	0.885
Junction 24	Lutterworth Road (N)/Red House Road (E)/Lutterworth Road (S)	Priority T-Junction	0.807	0.71	0.85	0.733	0.935	0.75	0.946	0.749	0.905	0.749	0.904	0.749
Junction 25	Leicester Road (NE)/Leicester Road (S)/King Edward Avenue (W)	Signalised Merge	0.836	0.575	0.877	0.68	0.907	0.722	0.915	0.749	0.884	0.71	0.878	0.705
Junction 26	Leicester Road (E)/Station Road (S)/Leicester Road (W)	Priority Roundabout	0.63	0.495	0.82	0.739	0.958	0.756	0.983	0.759	0.916	0.752	0.9	0.745
Junction 27	Coventry Road (NE)/Coventry Road (SE)/Coventry Road (SW)	Signalised T-Junction	1.012	1.007	0.992	0.948	1.029	1.007	1.035	1.01	1.031	1.005	1.03	1.004
Junction 28	Coventry Road (NE)/Croft Road (E)/Coventry Road (S)	Signalised T-Junction	0.913	0.927	1.022	1.001	1.04	1.002	1.036	1.004	1.037	1.004	1.035	1.005
Junction 29	Smith Way (N)/Leicester Lane (E)/Unnamed Road (S)	Signalised T-Junction	0.941	0.98	1.01	0.986	1.026	0.989	1.029	0.997	1.02	0.989	1.018	0.999
Junction 30	Narborough Road South (N)/Narborough Road South (NE)/Fossets Park Avenue (E)/Narborough Road South (S)/A5460 (W)	Signalised Roundabout	0.917	0.699	1.012	0.828	1.014	0.862	1.02	0.863	1.013	0.842	1.013	0.838
Junction 31	Hinckley Road (E)/Beggars Lane (S)/Hinckley Road (W)	Signalised T-Junction	0.732	0.99	1.066	1.046	1.085	1.066	1.093	1.068	1.081	1.04	1.083	1.039
Junction 32	Coventry Road (NE)/A5 (E)/A5 (W)	Priority T-Junction	1	0.568	1.004	0.945	1.003	0.963	1.004	0.974	1.003	0.962	1.003	0.961
Junction 33	Gynsill Lane (N)/Championship Way/Leicester Road (E)/Station Road (S)	Signalised Roundabout	0.936	0.634	0.956	0.712	0.959	0.715	0.961	0.723	0.958	0.711	0.958	0.71
Junction 34	Wembley Road (N)/Ratby Lane (E)/Oak Spinney Park (S)/Ratby Lane (W)	Signalised Crossroads	0.708	0.89	0.769	0.931	0.768	0.949	0.772	0.954	0.77	0.949	0.774	0.943
Junction 35	Narborough Road (NE)/Braunstone Lane East (SE)/Narborough Road South (SW)/Narborough Road South (W)/Braunstone Lane (NW)	Signalised Crossroads	0.906	0.922	0.93	1.003	0.928	1.002	0.928	1.003	0.93	1.003	0.929	1.002
Junction 36	Beggars Lane (N)/Desford Road (E)/Retail Area (S)/Desford Road (W)	Signalised Crossroads	0.698	0.846	0.93	1.023	0.961	1.054	0.973	1.055	0.956	1.038	0.955	1.037
Junction 37	Narborough Road South (N)/St Johns (S)/Leicester Lane (W)	Signalised Crossroads	0.904	0.546	0.981	0.925	0.994	0.942	0.995	0.936	0.989	0.93	0.986	0.93
Junction 38	Grove Way (N)/Soar Valley Way (E)/Soar Valley Way (W)	Signalised T-Junction	0.848	0.745	0.931	0.843	0.949	0.865	0.966	0.861	0.942	0.854	0.939	0.853
Junction 39	Hinckley Road (NE)/Hinckley Road (S)/Dan's Lane (W)	Priority T-Junction	0.494	0.578	0.999	0.695	0.991	0.771	0.995	0.788	0.997	0.735	0.997	0.733
Junction 40	Clickers Way (NE)/Station Road (E)/Clickers Way (W)	Signalised T-Junction	0.946	0.714	0.958	0.772	0.953	0.831	0.956	0.834	0.957	0.801	0.957	0.802
Junction 41	Lubbesthorpe Way (N)/Grove Farm Triangle (E)/Lubbesthorpe Way (S)/Penman Way (W)	Signalised Crossroads	0.973	0.827	0.998	0.928	0.996	0.955	0.994	0.955	0.993	0.946	0.993	0.944
Junction 42	M1 (N)/A46 (NE)/B5380 (E)/M1 (S)	Slip Road	0.8	0.696	0.981	0.878	0.98	0.882	0.99	0.89	0.981	0.881	0.983	0.88
Junction 43	Ratby Lane (N)/Unnamed Road (E)/Ratby Lane (S)/Ratby Lane (W)	Priority Roundabout	0.591	0.748	0.709	0.904	0.713	0.916	0.724	0.915	0.715	0.916	0.716	0.914
Junction 44	Leicester Road (N)/Little Glen Road (E)/Leicester Road (S)	Signalised T-Junction	0.763	0.863	0.877	0.938	0.899	0.993	0.924	0.991	0.884	0.967	0.884	0.964
Junction 45	Brook Street (N)/Brook Street (S)/The Dicken (W)	Priority T-Junction	0.316	0.736	0.827	0.932	0.848	0.979	0.836	1.001	0.858	0.962	0.856	0.958
Junction 46	Coventry Road (E)/Coventry Road (W)/Desford Road (NW)	Priority Roundabout	0.54	0.393	0.727	0.64	0.885	0.664	0.91	0.67	0.837	0.658	0.819	0.652
Junction 47	Kirby Road (N)/Optimus Way (E)/Ratby Lane (S)/B5380 (W)	Partially Signalised Roundabout	0.55	0.644	0.663	0.846	0.721	0.876	0.716	0.9	0.707	0.865	0.707	0.867
Junction 48	Main Street (E)/Broughton Road (SW)/Croft Road (NW)	Priority T-Junction	0.567	0.643	0.528	0.767	0.572	0.859	0.579	0.922	0.6	0.78	0.592	0.774
Junction 49	Enderby Road (E)/Enderby Road (W)	Signalised T-Junction	0.767	0.846	0.809	0.874	0.784	0.912	0.745	0.917	0.832	0.894	0.833	0.892



Junction 1a: Priority Roundabout
Lubbesthorpe Way (N)/Withers Way (S)/Withers Way (W)
Latitude: 52.616863 | Longitude: -1.189285

Key

-  Junction Location
-  Blaby District Boundary



Junction 1b: Priority Roundabout
Withers Way (N)/Lubbesthorpe Way (N)/Meridian Park (E)/Lubbesthorpe Way
(S)/Meridian Way (W)
Latitude: 52.613904 | Longitude: -1.189712

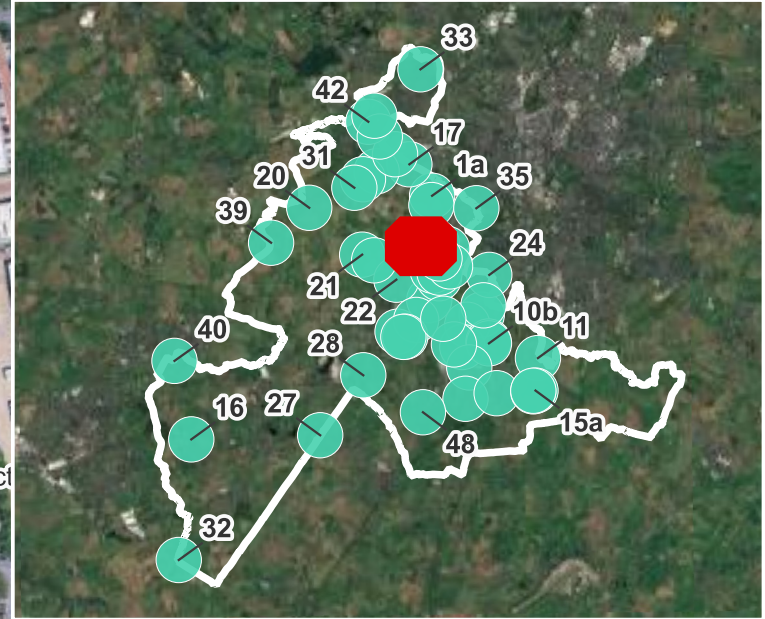
Key

-  Junction Location
-  Blaby District Boundary



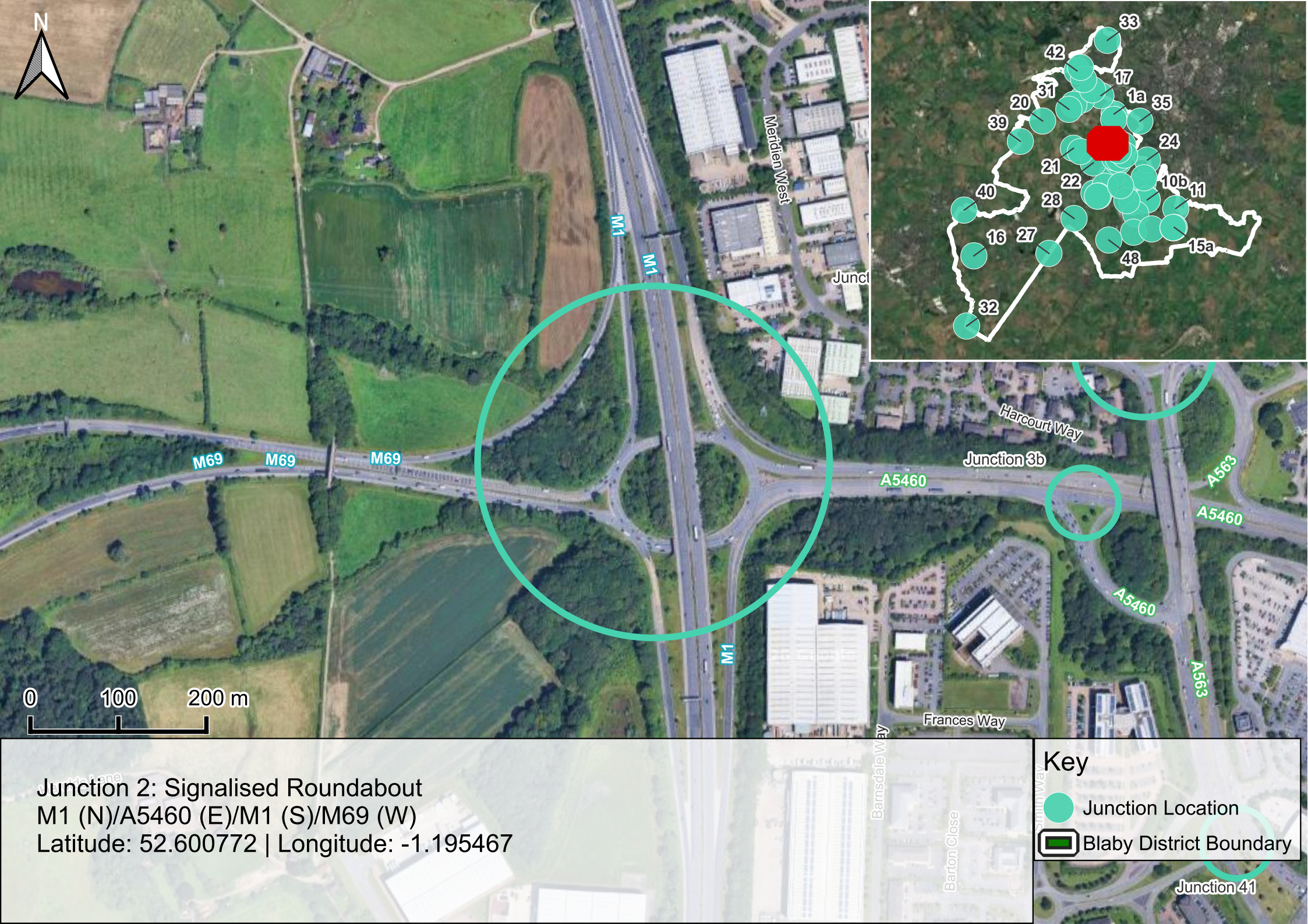
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Junction 2: Signalised Roundabout
M1 (N)/A5460 (E)/M1 (S)/M69 (W)
Latitude: 52.600772 | Longitude: -1.195467



Key

-  Junction Location
-  Blaby District Boundary





Junction 3a: Priority Roundabout
Lubbesthorpe Way (N)/A5460 Slip Road (E)/Lubbesthorpe Way (S)/Meridian S (W)
Latitude: 52.601893 | Longitude: -1.187224

Key

-  Junction Location
-  Blaby District Boundary