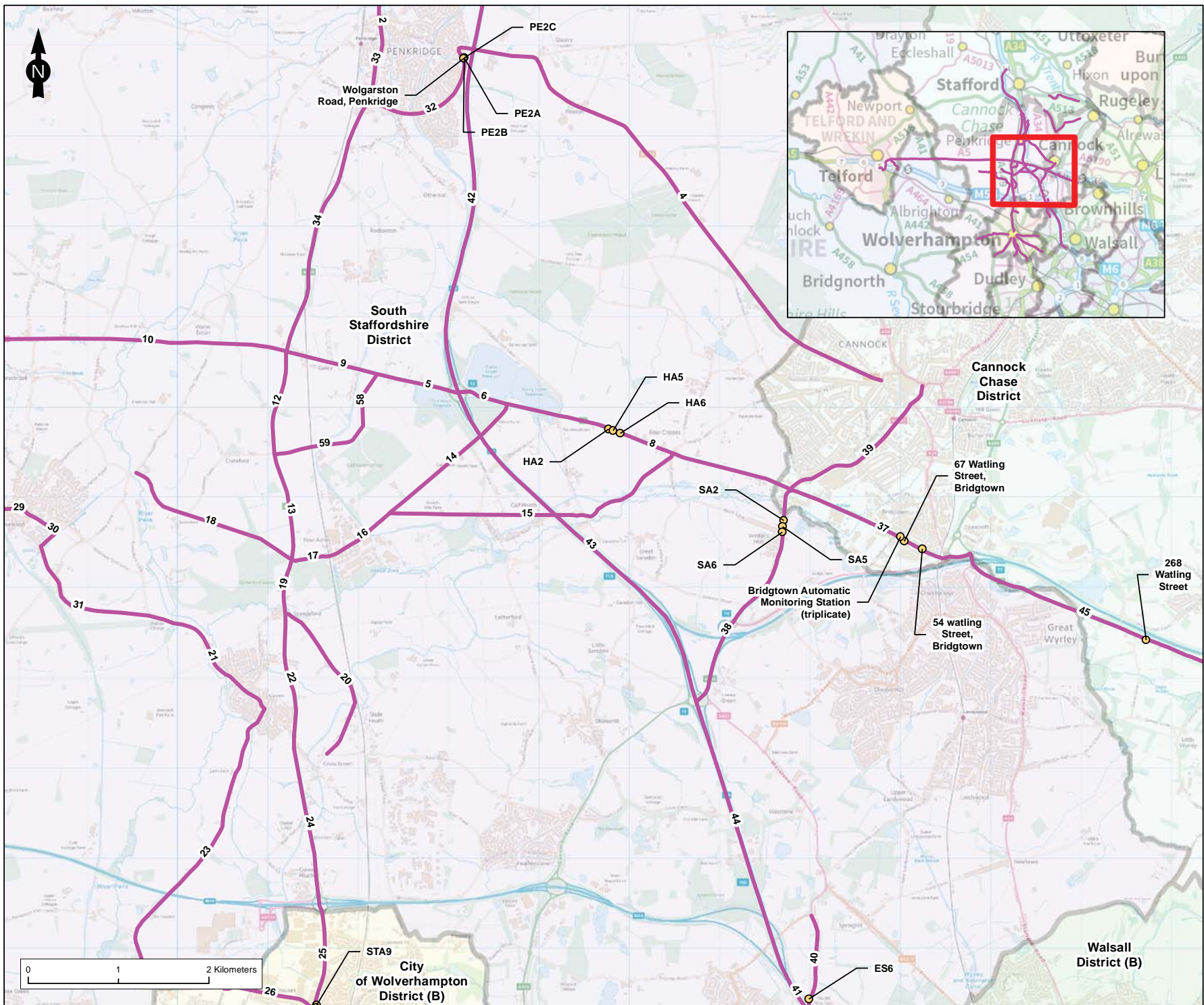


The West Midlands Rail Freight Interchange Order 201X
Technical Appendix 7.3 - Local Authority Monitoring Data
Regulation 5(2)(a)
Ramboll - July 2018

Appendix 7.3 – Local Authority Monitoring Data

Council	Site Name	Monitoring Type	Distance to kerb of nearest road (m)	Site Type	X - from Council reports	Y - from Council reports	Height (m) from Councils report	2011 - NO2 Annual Mean Concentration (µg/m3)	2012 - NO2 Annual Mean Concentration (µg/m3)	2013 - NO2 Annual Mean Concentration (µg/m3)	2014 - NO2 Annual Mean Concentration (µg/m3)	2015 - NO2 Annual Mean Concentration (µg/m3)	2016 - NO2 Annual Mean Concentration (µg/m3)
Cannock Chase Council	67 Watling Street, Bridgtown	Diffusion tube	7.8	Roadside	398051	308512	1.1	27.2	28.1	27.6	24.9	27.5	32.7
Cannock Chase Council	54 watling Street, Bridgtown	Diffusion tube	5.2	Roadside	398250	308428	1.2	51.5	34.2	33.5	35.7	31.2	44.9
Cannock Chase Council	Bridgtown Automatic Monitoring Station (triplicate)	Diffusion tube	6.8	Roadside	398009	308563	3	37	38.6	35.7	34.1	39	36.7
Cannock Chase Council	268 Watling Street	Diffusion tube	3.75	Roadside	400731	307419	2.25	35.6	39.5	36.2	32.5	35.9	47.4
South Staffordshire Council	ES4	Diffusion tube	6	Roadside	396957	303269	3	34.6	32.7	34.3	33.6	28.8	35.6
South Staffordshire Council	ES5	Diffusion tube	8	Roadside	396969	303269	3	30.7	29.2	35.2	30.2	27.8	32
South Staffordshire Council	ES6	Diffusion tube	11	Roadside	396994	303443	3	33.5	33.1	31.9	31.2	27.6	31.4
South Staffordshire Council	HA2	Diffusion tube	1	Roadside	394776	309756	3	41.9	41	39.9	40.4	37.4	37.9
South Staffordshire Council	HA5	Diffusion tube	1	Roadside	394828	309737	3	35.5	34.9	34.8	31.4	31.6	31.9
South Staffordshire Council	HA6	Diffusion tube	1	Roadside	394905	309708	3	36.6	36.1	34.2	32.0	31.3	29.7
South Staffordshire Council	PE2A	Diffusion tube	11	Roadside	393177	313866	3	32.1	33.0	31.6	31.4	27.2	31.1
South Staffordshire Council	PE2B	Diffusion tube	11	Roadside	393177	313866	3	32.1	32.2	31.7	31.1	26.3	31.1
South Staffordshire Council	PE2C	Diffusion tube	11	Roadside	393177	313866	3	32.3	32.2	32.	31.3	27.6	31.0
South Staffordshire Council	PE11	Diffusion tube	10	Other	393519	315327	3	39.1	35.4	33.6	29.3	29.9	31.4
South Staffordshire Council	SA2	Diffusion tube	2	Roadside	396716	308742	3	38.4	35.2	34.8	34.1	30.9	32.6
South Staffordshire Council	SA5	Diffusion tube	2	Roadside	396704	308673	3	37.8	38.8	34.2	36.7	32.7	36.5
South Staffordshire Council	SA6	Diffusion tube	2	Roadside	396701	308613	3	33.3	31.3	29.6	29.6	28.3	29.3
South Staffordshire Council	Wolgarston Road, Penkridge	Automatic	3.5	Other	393171	313859	2	34	38	44	45	36	39
Stafford Borough Council	3	Diffusion tube	0	RECPTN	390130	321700	2.5	33	28	25	32	29	33
Stafford Borough Council	33	Diffusion tube	5	KERB	392154	319970	1.5	40	30	30	38	39	34
Wolverhampton City Council	BIL1	Diffusion Tube	4	Roadside ISA	395057	296541	3	37	42	43	35	38	42
Wolverhampton City Council	BIL2	Diffusion Tube	4.5	Roadside ISA	395085	296475	3	32	34	33	28	28	31

Council	Site Name	Monitoring Type	Distance to kerb of nearest road (m)	Site Type	X - from Council reports	Y - from Council reports	Height (m) from Councils report	2011 - NO2 Annual Mean Concentration (µg/m3)	2012 - NO2 Annual Mean Concentration (µg/m3)	2013 - NO2 Annual Mean Concentration (µg/m3)	2014 - NO2 Annual Mean Concentration (µg/m3)	2015 - NO2 Annual Mean Concentration (µg/m3)	2016 - NO2 Annual Mean Concentration (µg/m3)
Wolverhampton City Council	BIL3	Diffusion Tube	10	Roadside ISA	395095	296492	3	33	47	36	39	36	48
Wolverhampton City Council	BIL4	Diffusion Tube	2.5	Roadside ISA	395118	296454	3	33	37	33	31	29	36
Wolverhampton City Council	STA1	Diffusion Tube	2	Roadside ISA	391389	299803	3	28	30	27	27	28	30
Wolverhampton City Council	STA5_6_7	Diffusion Tube	8.5	Roadside ISA	391261	302199	3	34	38	31	29	30	33
Wolverhampton City Council	STA9	Diffusion Tube	3.5	Roadside ISA	391541	303373	3	47	42	30	29	28	33
Wolverhampton City Council	STA9A	Diffusion Tube	7	Roadside ISA	391535	303346	3	31	35	32	30	30	33
Wolverhampton City Council	WIL1	Diffusion Tube	14.5	Roadside ISA	394187	298452	3	23	27	23	22	21	25
Wolverhampton City Council	BRI	Diffusion Tube	11	Roadside	388195	298787	3	21	22	20	21	19	22
Wolverhampton City Council	DUD	Diffusion Tube	3.5	Roadside	391530	297313	3	26	27	25	25	23	28
Wolverhampton City Council	HOR	Diffusion Tube	2.7	Roadside	392116	298607	3	36	35	35	34	36	42
Wolverhampton City Council	WRE	Diffusion Tube	50	Background	392090	296095	3	15	16	16	16	14	17
Wolverhampton City Council	Stafford Road	Automatic	8.5	Roadside	391261	302199	2.5	34	31	31	29	25	38



Legend

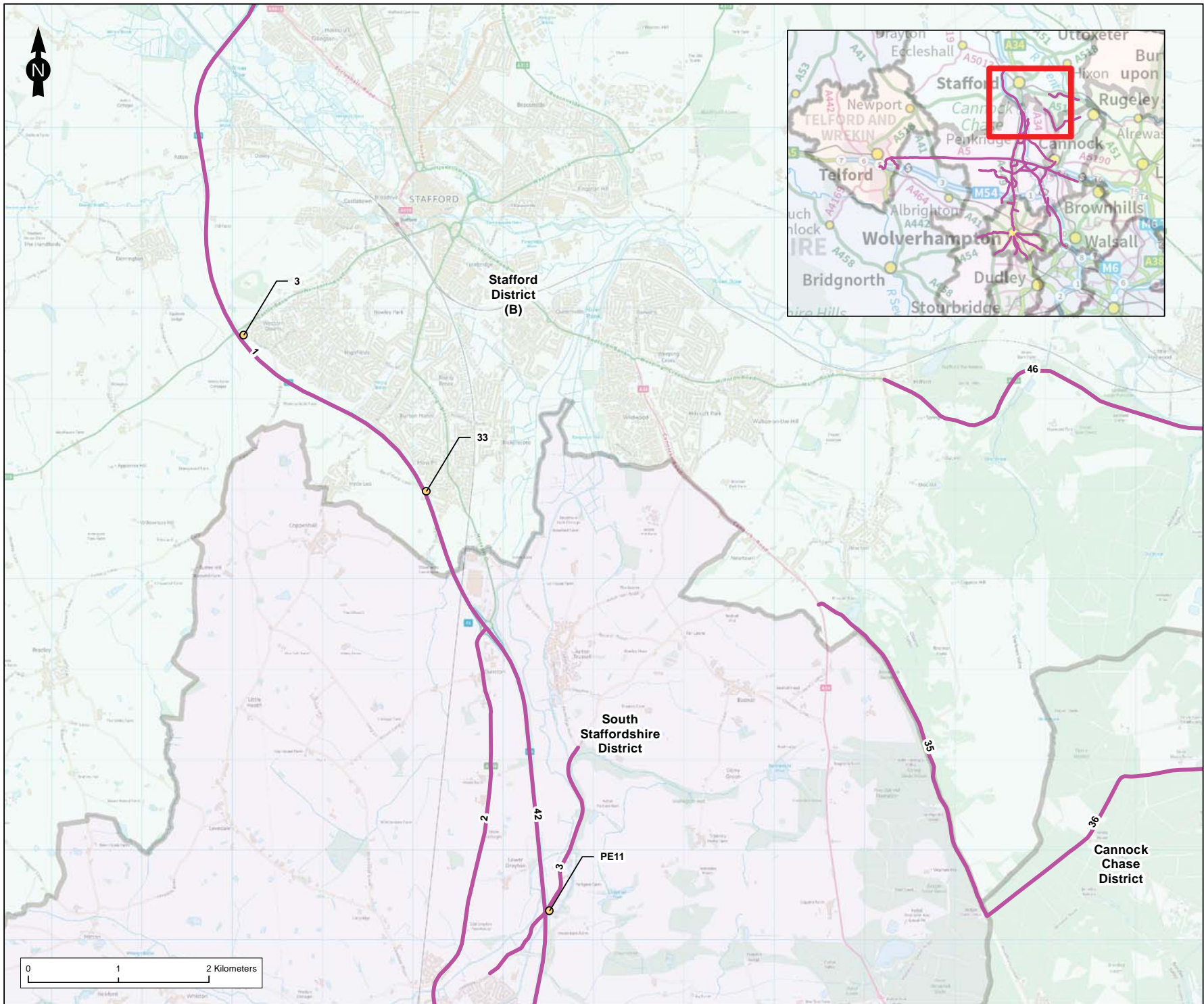
- Modelled Road
- Monitoring Location for Verification

Figure Title
Figure A7.3.3.1- Central Extent

Project Name
West Midlands Interchange

Project Number UK15-22821	Appendix No. 7.3
Date October 2017	Prepared By BM
Scale 1:40,000 @A3	Issue 1

Client
West Midland Interchange



Legend

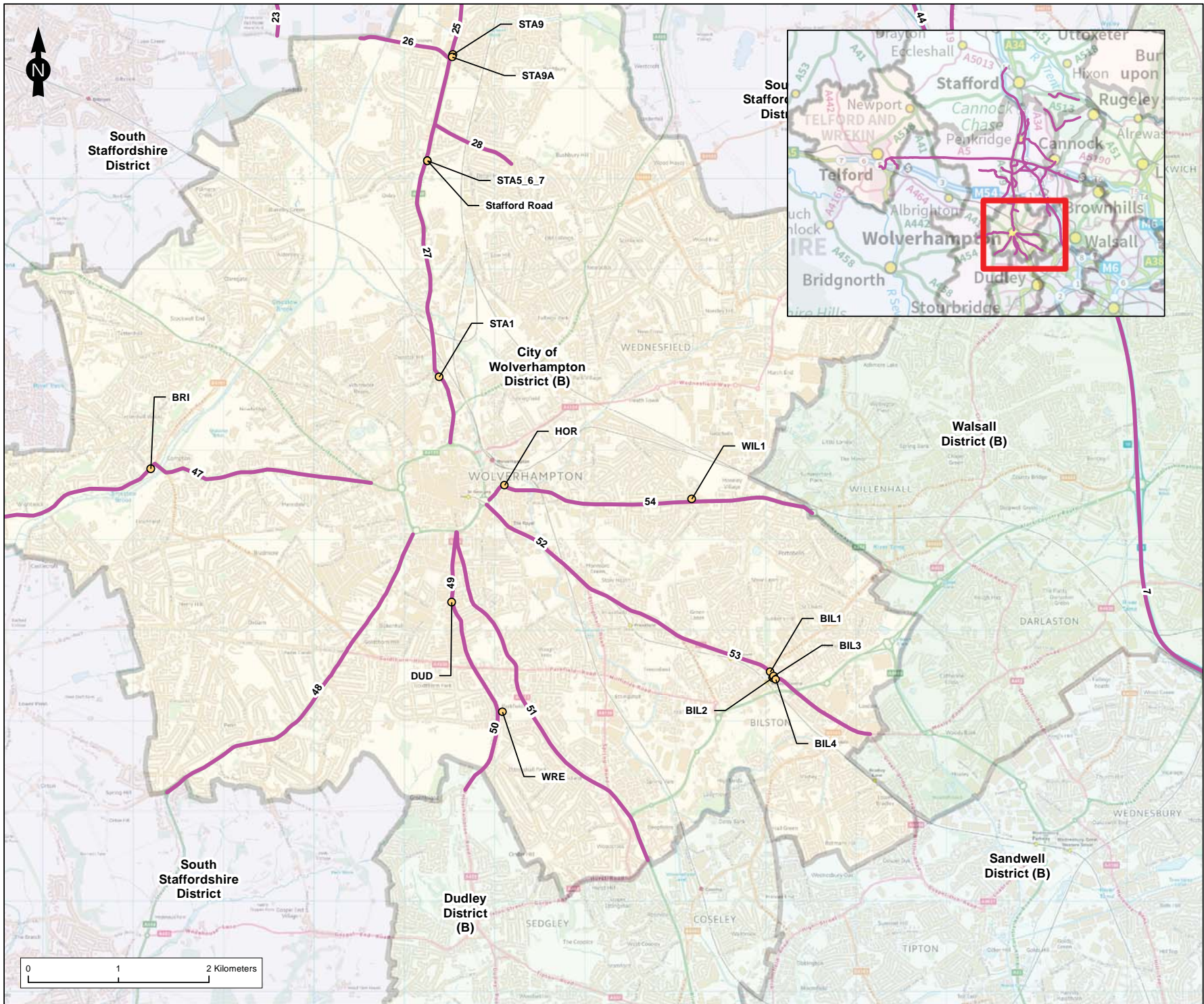
- Modelled Road
- Monitoring Location for Verification

Figure Title
Figure A7.3.2 - Northern Extent

Project Name
West Midlands Interchange

Project Number UK15-22821	Appendix No. 7.3
Date October 2017	Prepared By BM
Scale 1:40,000 @A3	Issue 1

Client
West Midland Interchange



Legend

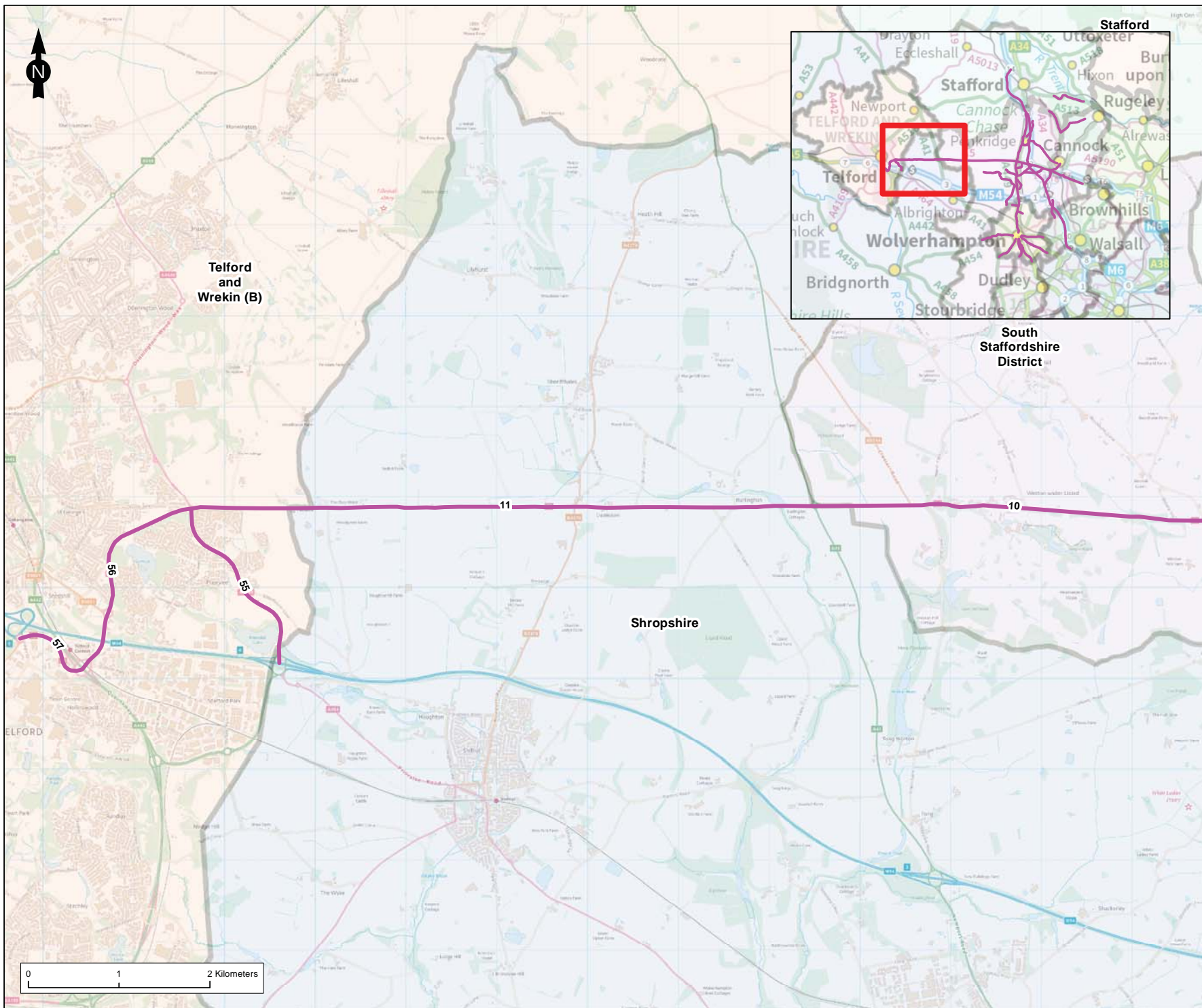
- Modelled Road
- Monitoring Location for Verification

Figure Title
Figure A7.3.3-Southern Extent

Project Name
West Midlands Interchange

Project Number UK15-22821	Appendix No. 7.3
Date October 2017	Prepared By BM
Scale 1:40,000 @A3	Issue 1

Client
West Midland Interchange



Legend

- Modelled Road
- Monitoring Location for Verification

Figure Title
Figure A7.3.4-Western Extent

Project Name
West Midlands Interchange

Project Number UK15-22821	Appendix No. 7.3
Date October 2017	Prepared By BM
Scale 1:40,000 @A3	Issue 1

Client
West Midland Interchange