

THE PLANNING ACT 2008

**M4 (JUNCTIONS 3 TO 12) (SMART MOTORWAY) DEVELOPMENT CONSENT
ORDER APPLICATION**

TR010019

Response to First Written Questions

**Section 4: Appendix C - Table of information on
location/height of signs and gantries**

Deadline II - 8 October 2015

Table 1: Summary of information on signs and gantries

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
Heathrow Spur (J4a to J3)						
G0-01	57		Type 6	Spur	3x18 MS3	9.2
G0-02	57		Type 7	Spur	Lane Destination Signs	11.7
G0-03	57		Type 7	Spur	Lane Destination Signs	11.7
M4 Junction 3 to Junction 4						
G1-01	61	10+570	Type 5	West Bound	MS4	9.2
G1-02	60	11+144	Type 5	East Bound	MS4	9.2
G1-04	60	11+454	Type 3	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound	10.8
G1-05	59	11+925	Type 1	West Bound	MS4 and four AMI signals	12.8
	59			East Bound	1/4 Mile ADS for Exit Sliproad and four AMI signals	13.8
G1-03	59	12+125	Type 4	West Bound	1/2 mile ADS for Exit Sliproad	9.4
G1-07	59	12+610	Type 3	West Bound	1/4 Mile ADS for Exit Sliproad and four AMI signals	12.4
G1-08	59	12+339	Type 4	East Bound	1/2 mile ADS for Exit Sliproad	10.8
G1-09	59	12+519	Type 3	East Bound	MS4 and four AMI signals	12.8

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G1-11	58	13+023	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	11.7
G1-12	58	13+641	Type 5	West Bound	MS4	9.2
G1-13	58	13+585	Type 5	East Bound	MS4	9.2
M4 Junction 4 to Junction 4b						
G2-01	56	13+983	Type 4	West Bound	1 mile ADS for Exit Sliproad	12.8
G2-02	56	14+102	Type 4	West Bound	3/4 mile ADS for Exit Sliproad	12.7
G2-02a	56	13+853	Type 6	West Bound	3x18 MS3	9.0
G2-03	56	14+188	Type 7	East Bound	Direction Signs for Exit Sliproad and MS4	12.8
G2-04	55	14+654	Type 2	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound	10.6
G2-06	55	14+897	Type 7	West Bound	MS4 and five AML signals	12.8
G2-07	55	14+996	Type 2	East Bound	MS4 and five AML signals	12.8
G2-08	55	15+180	Type 2	West Bound	1/3 mile ADS for Exit Sliproad and for M4 Eastbound	11.8
G2-09	55	15+205	Type 7	East Bound	1/4 mile ADS for Exit Sliproad to M25 and for M4 Westbound	11.6
G2-11	55	15+473	Type 2	East Bound	MS4 and five AML signals	12.8

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G2-10	55	15+395	Type 7	West Bound	MS4 and five AMI signals	12.8
G2-12	54	15+587	Type 2	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	11.8
G2-13	54	15+920	Type 7	West Bound	Direction Signs for Exit Sliproad, MS4 and five AMI	15.0
G2-14	54	16+275	Type 4	East Bound	1 mile ADS for Exit Sliproad	10.7
G2-15	54	16+074	Type 4	East Bound	3/4 mile ADS for Exit Sliproad and for M4 Eastbound	11.8
G2-16	53	16+475	Type 5	East Bound	MS4	9.2
M4 Junction 4b to Junction 5						
G3-01	53	16+670	Type 5	West Bound	MS4	9.2
G3-02	52	17+354	Type 7	East Bound	Direction Signs for Exit Sliproad, MS4 and five AMI	15.2
G3-03	52	17+669	Type 1	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound	12.6
G3-03a	52	18+198	Type 1	West Bound	MS4 and four AMI signals	13.4
	52			East Bound	1/3 mile ADS for Exit Sliproad and for M4 Eastbound	13.2
G3-03b	52	17+729	Type 6	East Bound	3x18 MS3	9.2
G3-05	51	18+398	Type 1	West Bound	2/3 mile ADS for Exit Sliproad	9.9

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
	51			East Bound	MS4 and five AMI signals	12.8
G3-08	51	18+858	Type 4	West Bound	1/3 mile ADS for Exit Sliproad	9.9
G3-09	51	18+782	Type 4	East Bound	2/3 mile ADS for Exit Sliproad	12.7
G3-11	51	19+059	Type 1	East Bound	MS4 and five AMI signals	13.0
	51			West Bound		
G3-12	50	19+366	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	11.9
G3-14	50	19+743	Type 7	West Bound	Direction Signs for Exit Sliproad, four AMI	10.3
M4 Junction 5 to Junction 6						
G4-01	49	20+315	Type 5	East Bound	MS4	9.2
G4-02	49	20+835	Type 3	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound, four AMI	15.5
G4-03	48	21+157	Type 1	West Bound	MS4 and four AMI signals	13.4
G4-04	48	21+370	Type 4	East Bound	1/3 mile ADS for Exit Sliproad	10.4
G4-05	48	21+570	Type 5	East Bound	MS4	9.2
G4-06	47	22+050	Type 5	West Bound	MS4	9.2

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G4-07	47	22+505	Type 4	East Bound	1 mile ADS for Exit Sliproad	10.4
G4-08	47	22+275	Type 5	East Bound	MS4	9.2
G4-09	46	22+950	Type 5	West Bound	MS4	9.2
G4-10	46	23+075	Type 5	East Bound	MS4	9.2
G4-11	45	24+188	Type 4	West Bound	2/3 mile ADS for Exit Sliproad	8.8
G4-12	45	23+891	Type 5	West Bound	MS4	9.2
G4-13	45	24+296	Type 5	East Bound	MS4	9.2
G4-15	45	24+496	Type 5	West Bound	MS4	9.2
G4-16	44	24+870	Type 1	West Bound	1/3 mile ADS for Exit Sliproad	9.0
	44			East Bound	MS4 and four AMI signals	13.0
G4-17	44	25+360	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	10.6
G4-18	43	25+831	Type 5	West Bound	MS4	9.2
M4 Junction 6 to Junction 7						
G5-01	42	26+370	Type 5	East Bound	MS4	9.2

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G5-02	42	27+070	Type 3	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound	11.3
G5-03	41	27+278	Type 3	West Bound	MS4 and four AMI signals	12.8
G5-04	41	27+645	Type 4	East Bound	1/3 mile ADS for Exit Sliproad	9.1
G5-05	41	27+345	Type 5	East Bound	MS4	9.2
G5-06	41	27+774	Type 4	West Bound	2/3 mile ADS for Exit Sliproad	9.1
G5-08	40	28+105	Type 1	West Bound	MS4	13.0
	40			East Bound		
G5-09	40	28+330	Type 4	West Bound	1/3 mile ADS for Exit Sliproad	8.3
G5-10	40	28+869	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	13.3
G5-11	39	Spur	Type 3	Spur		12.8
M4 Junction 7 to Junction 8/9						
G6-01	38	29+045	Type 5	East Bound	MS4	9.2
G6-02	38	29+373	Type 3	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound	10.4
G6-03	38	29+815	Type 5	East Bound	MS4	9.2

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G6-04	37	29+958	Type 3	West Bound	MS4 and four AMI signals	12.8
G6-05	37	30+182	Type 4	East Bound	1/2 mile ADS for Exit Sliproad	8.3
G6-06	37	30+587	Type 5	West Bound	MS4	9.2
G6-07	37	30+737	Type 5	East Bound	MS4	9.2
G6-08	36	31+050	Type 4	East Bound	1 mile ADS for Exit Sliproad	8.3
G6-09	36	30+832	Type 6	West Bound	3x18 MS3	9.2
G6-10	36	31+350	Type 5	West Bound	MS4	9.2
G6-11	36	31+556	Type 4	West Bound	1 mile ADS for Exit Sliproad	9.4
G6-12	36	31+632	Type 5	East Bound	MS4	9.2
G6-13	35	31+807	Type 6	West Bound	3x18 MS3	9.2
G6-14	35	32+159	Type 5	West Bound	MS4	9.2
G6-15	35	32+266	Type 5	East Bound	MS4	9.2
G6-16	35	32+441	Type 4	West Bound	1/2 mile ADS for Exit Sliproad	9.4
G6-17	34	32+963	Type 5	West Bound	MS4	9.2

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G6-18	34	32+866	Type 3	East Bound	MS4 and four AMI signals	12.8
G6-19	34	33+194	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	11.2
G6-20	33	33+861	Type 5	West Bound	MS4	9.2
G6-21	33	33+836	Type 5	East Bound	MS4	9.2
M4 Junction 8/9 to Junction 10						
G7-01	33	34+362	Type 5	East Bound	MS4	9.2
G7-02	32	35+148	Type 3	East Bound	Direction Signs for Exit Sliproad and M4 Eastbound	15.1
G7-04	32	35+100	Type 1	West Bound	MS4 and four AMI signals	13.0
G7-05	31	35+786	Type 4	East Bound	1/2 mile ADS for Exit Sliproad	10.0
G7-06	31	35+966	Type 5	East Bound	MS4	9.2
G7-07	30	36+280	Type 5	West Bound	MS4	9.2
G7-08	30	36+354	Type 6	East Bound	3x18 MS3	9.2
G7-09	30	36+915	Type 5	West Bound	MS4	9.2
G7-10	30	36+663	Type 4	East Bound		

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G7-11	30	37+100	Type 5	East Bound	MS4	9.2
G7-12	29	37+530	Type 5	West Bound	MS4	9.2
G7-13	29	37+634	Type 6	East Bound	3x18 MS3	9.2
G7-15	28	38+400	Type 1	West Bound	MS4 and four AMI signals	13.0
	28			East Bound	MS4 and four AMI signals	13.0
G7-16	27	39+292	Type 8	West Bound	MS4	9.2
G7-17	27	39+260	Type 5	East Bound	MS4	9.2
G7-18	26	40+000	Type 5	East Bound	MS4	9.2
G7-19	26	40+507	Type 8	West Bound	MS4	9.2
G7-20	26	40+700	Type 5	East Bound	MS4	9.2
G7-21	25	41+080	Type 3	West Bound	MS4 and four AMI signals	12.8
G7-23	24	41+742	Type 3	East Bound	MS4 and four AMI signals	12.8
G7-24	23	42+555	Type 8	East Bound	MS4	9.2
G7-25	25	42+405	Type 5	West Bound	MS4	9.2

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G7-26	23	42+948	Type 3	West Bound	1 mile ADS for Exit Sliproad and for M4 Westbound	13.0
G7-27	23	43+140	Type 8	West Bound	MS4	9.2
G7-29	22	43+864	Type 1	West Bound	1/2 mile ADS for Exit Sliproad and for M4 Westbound	13.2
	22			East Bound	MS4	13.0
G7-30	22	44+140	Type 8	West Bound	MS4	9.2
G7-31	21	44+745	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound	13.0
G7-32	21	44+932	Type 3	East Bound	MS4 and four AMI signals	12.8
G7-33	20	45+450	Type 5	West Bound	MS4	9.2
G7-33a	20	45+450	Type 5	West Bound	MS4	9.2
M4 Junction 10 to Junction 11						
G8-01	20	46+050	Type 3	West Bound	MS4	9.7
G8-02	19	46+546	Type 8	East Bound	MS4	9.2
G8-02a	19	46+641	Type 5	East Bound	MS4	9.2
G8-03	18	47+431	Type 1	West Bound	MS4 and four AMI signals	13.0

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
	18			East Bound	Direction Signs for Exit Sliproad and M4 Eastbound, four AMI	14.8
G8-04	17	48+014	Type 8	East Bound	MS4	9.2
G8-05	17	48+307	Type 1	West Bound	MS4	13.0
	17			East Bound	1/2 mile ADS for Exit Sliproad and for M4 Eastbound	12.3
G8-07	16	48+882	Type 8	East Bound	MS4	9.2
G8-08	16	48+934	Type 8	West Bound	MS4	9.2
G8-09	16	49+092	Type 3	East Bound	1 mile ADS for Exit Sliproad and for M4 Eastbound	12.1
G8-10	16	49+548	Type 5	East Bound	MS4	9.2
G8-11	15	49+846	Type 5	West Bound	MS4	9.2
G8-12	15	50+544	Type 8	East Bound	MS4	9.2
G8-13	14	50+629	Type 8	West Bound	MS4	9.2
G8-14	14	51+344	Type 1	West Bound	MS4 and four AMI signals	13.0
	14			East Bound	MS4 and four AMI signals	13.0
G8-15	13	52+152	Type 5	East Bound	MS4	9.2

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G8-16	13	52+100	Type 5	West Bound	MS4	9.2
G8-17	12	52+715	Type 4	West Bound	2/3 mile ADS for Exit Sliproad	8.6
G8-18	12	53+076	Type 8	West Bound	MS4	9.2
G8-19	11	53+349	Type 8	East Bound	MS4	9.2
G8-20	11	53+390	Type 4	West Bound	1/3 mile ADS for Exit Sliproad	8.6
G8-22	11	53+755	Type 3	West Bound	Direction Signs for Exit Sliproad and M4 Westbound, four AMI	13.5
G8-22a	11	53+873	Type 1	East Bound	Four AMI signals	9.3
G8-22b	11	53+580	Type 6	East Bound	3x18 MS3	9.2
G8-23	10	54+703	Type 8	West Bound	MS4	9.2
M4 Junction 11 to Junction 12						
G9-01	10	55+054	Type 8	East Bound	MS4	9.2
G9-02	9	55+855	Type 1	West Bound	MS4 and four AMI signals	13.0
	9			East Bound	Direction Signs for Exit Sliproad and M4 Eastbound, four AMI	13.5
G9-04	8	56+355	Type 4	East Bound	1/3 mile ADS for Exit Sliproad	8.6

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
G9-05	8	56+714	Type 5	East Bound	MS4	9.2
G9-06	8	56+635	Type 5	West Bound	MS4	9.2
G9-07	7	56+947	Type 4	East Bound	2/3 mile ADS for Exit Sliproad	8.6
G9-08	7	57+330	Type 8	East Bound	MS4	9.2
G9-09	7	57+404	Type 8	West Bound	MS4	9.2
G9-10	6	58+470	Type 1	West Bound	MS4 and four AMI signals	13.0
	6			East Bound	MS4 and four AMI signals	13.0
G9-11	5	59+248	Type 5	East Bound	MS4	9.2
G9-12	4	59+753	Type 8	West Bound	MS4	9.2
G9-13	4	59+910	Type 4	West Bound		
G9-14	4	60+150	Type 5	East Bound	MS4	9.2
G9-15	3	60+514	Type 8	West Bound	MS4	9.2
G9-16	3	60+711	Type 4	West Bound		
G9-17	3	61+210	Type 1	West Bound	Four AMI signals	9.3

Gantry Ref.	Scheme Plan Sheet No. (EDR Annex F1)	Chainage	Gantry Type	Direction	Signs and Signals Carried on Gantry	Height (m above FRL)
	3			East Bound	MS4 and four AMI signals	13.0
G9-19	2	61+508	Type 3	West Bound		
G9-20	2	62+009	Type 8	West Bound	MS4	9.2
G9-21	1	62+461	Type 5	East Bound	MS4	9.2

COUNT		
Type 1	18	
Type 2	5	
Type 3	25	
Type 4	26	
Type 5	51	
Type 6	8	133
Type 7	9	
Type 8	20	29
	162	162