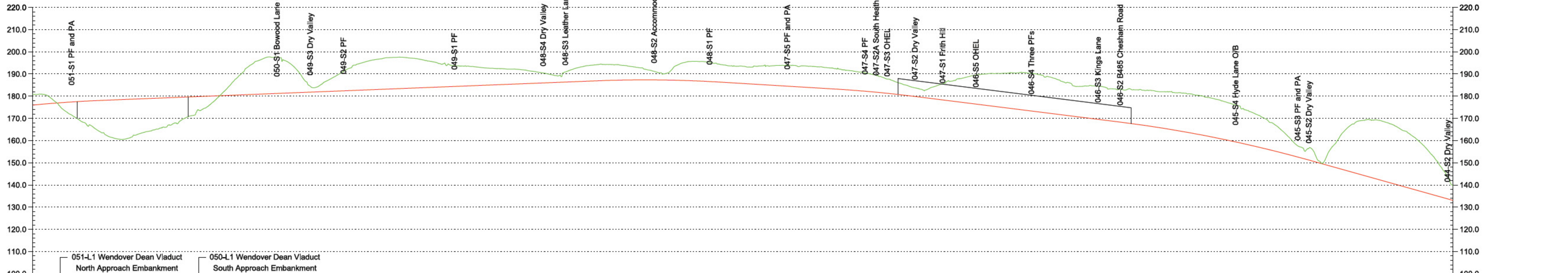


Plan

Scale 1:10000



DES	051-L1 Wendover Dean Viaduct North Approach Embankment	050-L1 Wendover Dean Viaduct South Approach Embankment	050-L2 Wendover Dean Viaduct	047-L1 South Heath Cutting	046-L1 South Heath Green Tunnel	044-L2 Chiltern Tunnel Northern Approach Cutting	DES																																																										
Chainage	51+200	51+100	51+000	50+900	50+800	50+700	50+600	50+500	50+400	50+300	50+200	50+100	50+000	49+900	49+800	49+700	49+600	49+500	49+400	49+300	49+200	49+100	49+000	48+900	48+800	48+700	48+600	48+500	48+400	48+300	48+200	48+100	48+000	47+900	47+800	47+700	47+600	47+500	47+400	47+300	47+200	47+100	47+000	46+900	46+800	46+700	46+600	46+500	46+400	46+300	46+200	46+100	46+000	45+900	45+800	45+700	45+600	45+500	45+400	45+300	45+200	45+100	45+000	44+900	44+800
Horizontal Alignment	L=1468.3		L=350.0		R=8250.0 L=1551.0		L=350.0		L=2265.6		L=60.0 R=25000.0 L=60.0		L=215.0		L=220.4		L=60.0																																																
Vertical Alignment	L=394.9 R=56000.0		L=2222.7 G=-0.395%		L=557.3 R=56000.0		L=513.6 G=0.600%		L=363.8 R=56000.0		L=925.8 G=1.250%		L=867.4 R=56000.0		L=2626.4 G=2.800%																																																		
Existing Level	180.8	177.6	170.0	164.2	160.5	163.7	166.0	170.7	176.2	186.2	195.4	197.6	190.8	185.3	191.1	195.5	197.3	197.2	195.6	193.7	193.1	192.4	192.0	190.5	190.9	193.7	194.3	193.3	191.2	193.8	195.6	194.2	193.5	194.0	194.0	193.5	192.7	191.2	189.4	186.1	183.1	185.5	188.4	190.1	190.4	190.4	188.2	184.4	184.5	183.1	182.7	182.0	181.2	179.4	176.7	172.5	167.0	157.7	150.6	163.2	169.1	168.2	163.4	154.1	139.6
Proposed Level	176.0	176.9	177.5	178.1	178.5	178.8	179.2	179.6	180.0	180.4	180.8	181.2	181.6	182.0	182.4	182.8	183.2	183.6	184.0	184.4	184.8	185.2	185.6	186.0	186.4	186.8	187.1	187.3	187.3	187.2	186.8	186.3	185.7	185.1	184.5	183.9	183.3	182.6	181.8	180.8	179.6	178.3	177.1	175.8	174.6	173.3	172.1	170.8	169.6	168.3	167.0	165.5	163.8	161.9	159.8	157.6	155.2	152.6	149.8	147.0	144.2	141.4	138.6	135.8	133.0
Cut and Fill	-4.8	-0.7	+7.5	+13.9	+18.0	+15.1	+13.2	+8.9	+3.8	-5.8	-14.6	-16.4	-9.2	-3.3	-8.7	-12.7	-14.1	-13.6	-11.6	-9.3	-8.3	-7.2	-6.4	-4.5	-4.5	-6.9	-7.2	-6.0	-3.9	-6.6	-8.8	-7.9	-7.8	-8.9	-9.5	-9.6	-9.4	-8.6	-7.6	-5.3	-3.5	-7.2	-11.3	-14.3	-15.8	-17.1	-16.1	-13.6	-14.9	-14.8	-15.7	-16.5	-17.4	-17.5	-16.9	-14.9	-11.8	-5.1	-0.8	-16.2	-24.9	-26.8	-24.8	-18.3	-6.6
Maximum Speed:	400km/h																								320km/h																																								

037-S1 Chalfont St Giles VS