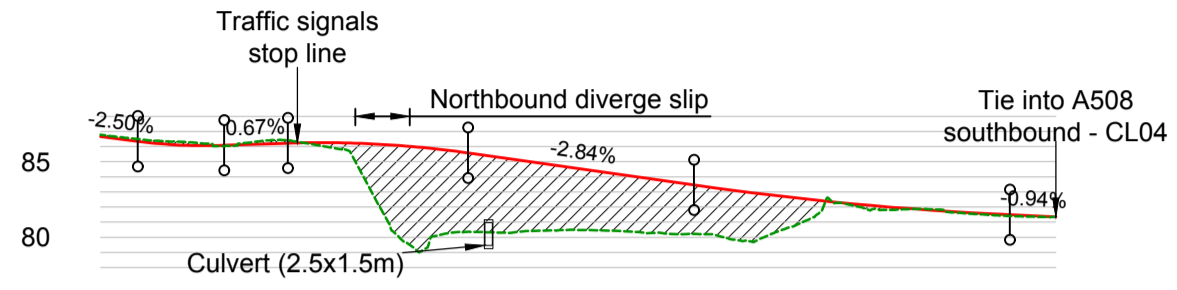


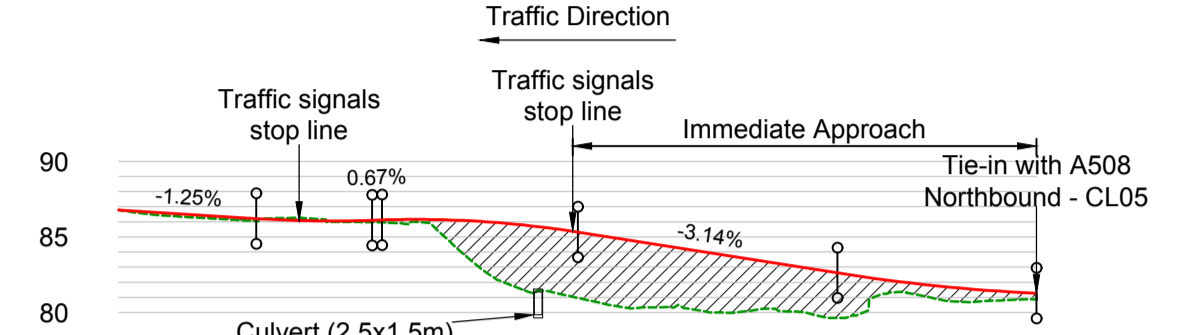
# M1 J15 JUNCTION IMPROVEMENT & A508 DUALLING

**RSO1 - LONGSECTION**  
SCALE: H 1:2500,V 1:500. DATUM: 78.000



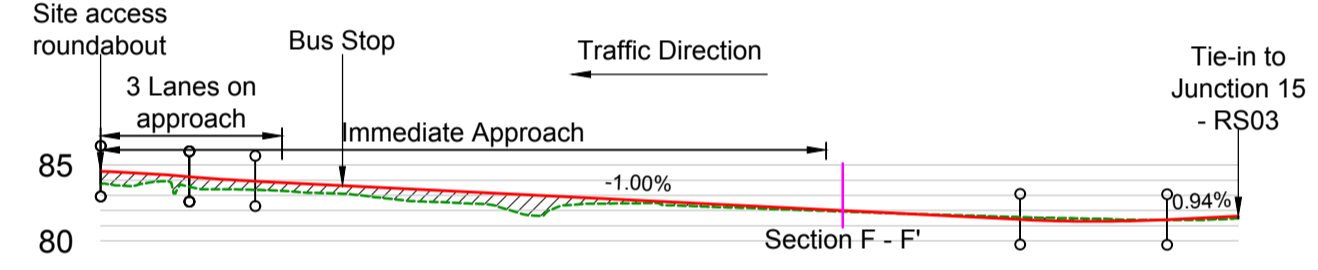
CHAINAGE	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	315.898
EXISTING GROUND LEVEL	86.647	86.700	86.329	86.270	85.970	85.700	85.476	85.347	85.000	84.787	84.581	84.058	83.350	82.715	82.052	81.486	81.341
ALIGNMENT LEVEL	86.647	86.329	86.270	85.970	85.700	85.476	85.347	85.000	84.787	84.581	84.058	83.350	82.715	82.052	81.486	81.341	81.341
HORIZONTAL ALIGNMENT	R: 75.000 L: 61.655		R: 40.000 L: 11.829		R: 58.700 L: 64.141		R: 255.000 L: 165.272		L: 13.001								
VERTICAL ALIGNMENT	G = -2.500% L = 12.323		G = -0.670% L = 21.105		R = 1700.000 K = 17.000 L = 99.615		G = -2.837% L = 74.877		R = 5500.000 K = 55.000 L = 104.458		G = -0.939% L = 15.989		R = 950.000 K = 9.000 L = 28.530				

**RSO3 - LONGSECTION**  
SCALE: H 1:2500,V 1:500. DATUM: 80.000



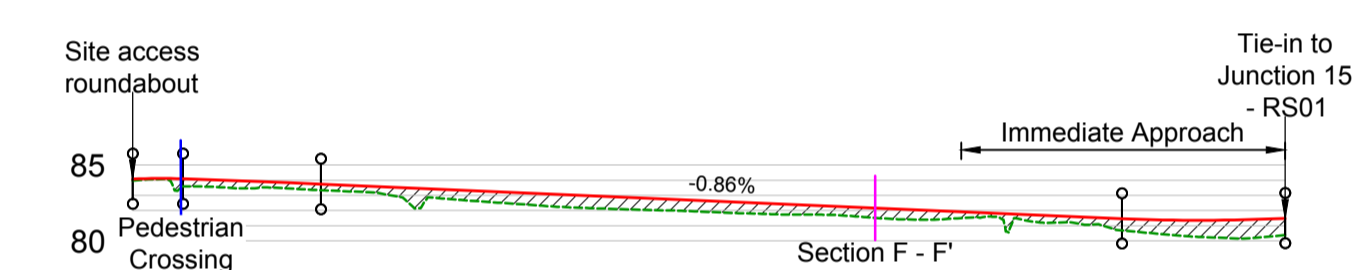
CHAINAGE	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	303.459
EXISTING GROUND LEVEL	86.776	86.776	86.341	86.112	86.000	85.076	84.051	83.074	82.855	82.855	82.855	82.855	82.855	82.855	82.855	82.855
ALIGNMENT LEVEL	86.776	86.341	86.112	86.000	85.076	84.051	83.074	82.855	82.855	82.855	82.855	82.855	82.855	82.855	82.855	82.855
HORIZONTAL ALIGNMENT	R: 180.000 L: 56.406		R: 190.951 L: 80.253		L: 73.921		R: 1020.000 L: 24.312		L: 58.577							
VERTICAL ALIGNMENT	G = -1.250% L = 45.443		R = 2000.000 K = 20.000 L = 38.370		R = 1700.000 K = 17.000 L = 94.782		G = -3.144% L = 85.909		R = 3000.000 K = 30.000 L = 65.838							

**A508-CL04- SB A508 NORTH OF SITE ACCESS - LONGSECTION**  
SCALE: H 1:2500,V 1:500. DATUM: 80.000



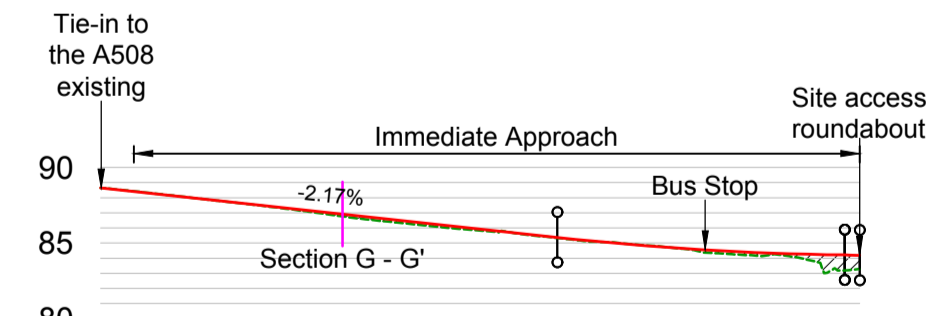
Chainage	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	315.898
Existing Levels	84.586	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257
Proposed Levels	84.586	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257	83.257
HORIZONTAL GEOMETRY	R: 24.500 L: 22.894		R: 103.650 L: 19.560		R: 1036.450 L: 175.269		L: 43.000		L: 115.568								
VERTICAL GEOMETRY	R = 2781.147 K = 27.811 L = 29.606		G = -1.000% L = 252.974		R = 2500.000 K = 25.000 L = 48.457		G = 0.940% L = 23.668		R = 3000.000 K = 30.000 L = 21.748								

**A508-CL05- NB A508 BETWEEN SITE ACCESS AND J15 - LONGSECTION**  
SCALE: H 1:2500,V 1:500. DATUM: 80.000



Chainage	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	315.898
Existing Levels	84.089	83.598	83.464	83.363	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188
Proposed Levels	84.089	83.598	83.464	83.363	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188	83.188
HORIZONTAL GEOMETRY	R: 96.285 L: 47.226		R: 506.360 L: 79.597		R: 1020.000 L: 75.735		L: 87.000		L: 91.504								
VERTICAL GEOMETRY	R = 1237.890 K = 12.379 L = 16.694		R = 22742.824 K = 227.428 L = 45.544		G = -0.862% L = 264.879		R = 3000.000 K = 30.000 L = 53.945										

**A508S-CL01\_A508 SOUTH OF SITE ACCESS - LONGSECTION**  
SCALE: H 1:2500,V 1:500. DATUM: 80.000



Chainage	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	315.898
Existing Levels	86.657	86.657	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223
Proposed Levels	86.657	86.657	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223	86.223
HORIZONTAL GEOMETRY	L = 159.857		R: 720.000 L: 45.895		R: 127.300 L: 31.474		R: 45.581 L: 13.802										
VERTICAL GEOMETRY	G = -2.172% L = 151.025		R = 5000.000 K = 50.000 L = 95.101		R = 1170.610 K = 11.706 L = 4.902												

- Notes**
- All dimensions are in metres unless stated otherwise.
  - General arrangement plans DOCUMENT 2.4 to DOCUMENT 2.4F are to be used as a location reference for each highway centreline which is then shown in longsection on the longsection drawings.
  - The height of proposed bridges / embankments and the depth of proposed cuttings are indicative subject to the limits of deviation referred to in the order.
  - All structure positions and sizes shown are indicative.
  - All culvert positions and sizes shown are indicative.
  - The proposed works including their specific alignment will be subject to detailed design within the limits of deviation identified on the works plans.
  - Horizontal and vertical deviation of the highway alignments are permitted in accordance with Article 4 of the Development Consent Order.

**Legend**

- Proposed Ground Level
- Existing Ground Level
- Area of Cut
- Area of Fill
- Departure from Standards

NGW/A508/XX

Rev	Date	Details of issue / revision	Drw	Rev
P6	30.04.18	Issued for Submission	PG	SRH
P5	29.03.18	Scheme Review	PG	SRH
P4	07.03.18	Minor Amendments	PG	SRH
P3	29.01.18	Minor Amendments	PG	SRH
P2	08.12.17	Alignments revised	PG	SRH
P1	02.10.17	Preliminary Issue	GDJ	SRH

**ISSUES & REVISIONS**

**ROXHILL**

**NORTHAMPTON GATEWAY**  
STRATEGIC RAIL FREIGHT INTERCHANGE

**THE NORTHAMPTON GATEWAY RAIL FREIGHT INTERCHANGE ORDER 201X**

**Highway Plans Long Sections SHEET 2 OF 6**

Scale	1:2,500	Drawn	G. Jones
Size	A1	Reviewed	S. Hilditch
Regulation	<b>5(2) (o)</b>	Document	<b>2.4N</b>
Drawing Status	<b>SUBMISSION</b>		
Drawing No.	<b>NGW-BWB-HGN-02-DR-C-142</b>	Revision	<b>P6</b>