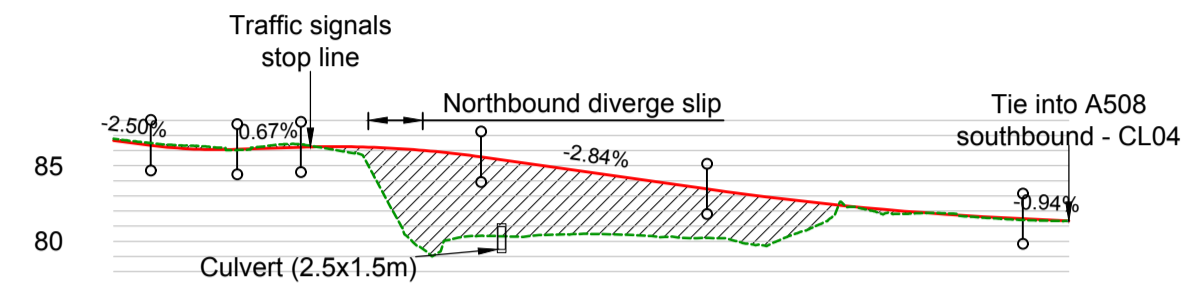


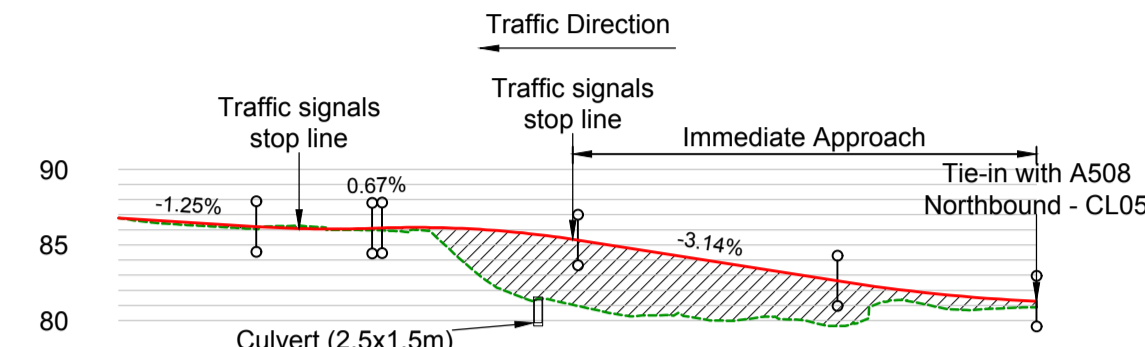
M1 J15 JUNCTION IMPROVEMENT & A508 DUALLING

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



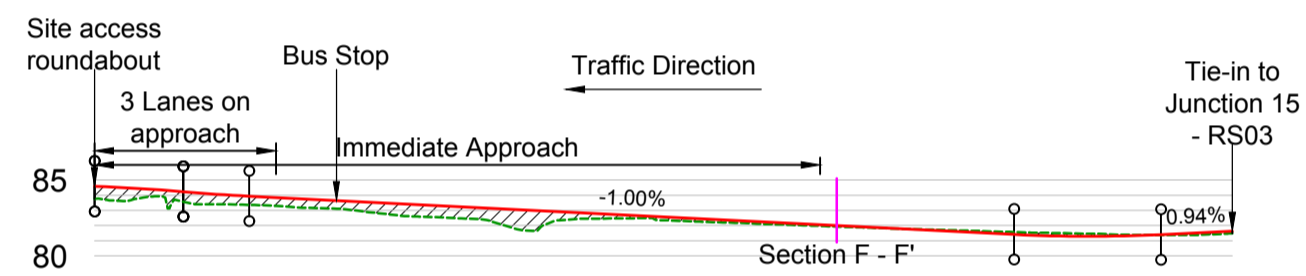
CHAINAGE	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	315.898	
EXISTING GROUND LEVEL	86.647	86.700	86.329	86.270	85.970	85.700	85.476	85.347	85.000	84.787	84.588	84.379	84.205	84.000	83.715	83.456	83.250	83.139
ALIGNMENT LEVEL	86.647	86.700	86.329	86.270	85.970	85.700	85.476	85.347	85.000	84.787	84.588	84.379	84.205	84.000	83.715	83.456	83.250	83.139
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



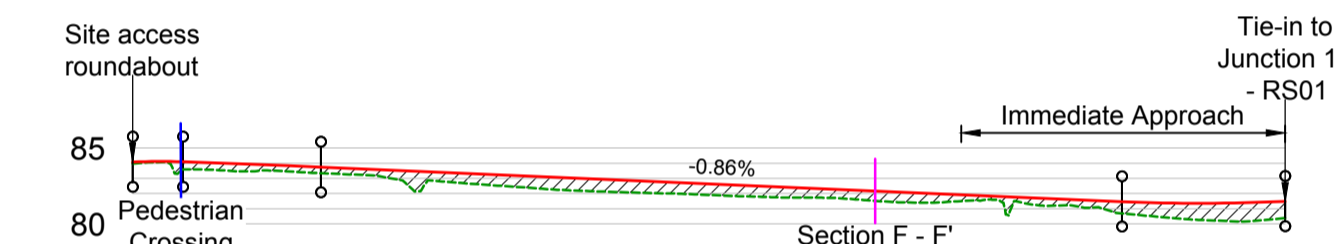
CHAINAGE	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	303.459		
EXISTING GROUND LEVEL	86.776	86.776	86.341	86.112	86.000	85.076	84.974	84.959	84.855	84.445	84.000	83.599	83.351	83.171	82.857	82.544	82.230	81.984
ALIGNMENT LEVEL	86.776	86.776	86.341	86.112	86.000	85.076	84.974	84.959	84.855	84.445	84.000	83.599	83.351	83.171	82.857	82.544	82.230	81.984
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 = 65.938									

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



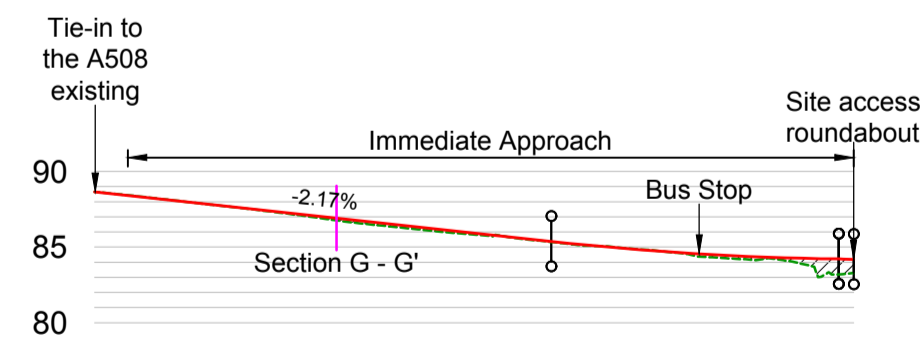
Chainage	00.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	315.898
Existing Levels	84.586	83.257	83.203	83.396	83.294	83.113	82.680	82.483	82.441	82.400	82.298	82.111	81.971	81.826	81.680	81.534	81.379
Proposed Levels	84.586	83.257	83.203	83.396	83.294	83.113	82.680	82.483	82.441	82.400	82.298	82.111	81.971	81.826	81.680	81.534	81.379
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 = 2761.147 K = 27.611 L = 29.606		G = -1.000% L = 252.974		R = 2500.000 K = 25.000 L = 48.497		G = 0.946% L = 23.666		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	82.835	82.533	82.250	82.096	81.994	81.827	81.720	81.596	81.389	81.534	81.200	80.955
Proposed Levels	84.089	83.598	83.464	83.363	83.188	82.835	82.533	82.250	82.096	81.994	81.827	81.720	81.596	81.389	81.534	81.200	80.955
HORIZONTAL GEOMETRY	R: 96.265 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 = 22742.854 K = 227.429 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	303.459
Existing Levels	86.657	86.223	87.788	87.354	86.920	86.377	86.051	85.916	85.190	84.632	84.553	84.370	84.176	83.033	82.289	82.038
Proposed Levels	86.657	86.223	87.788	87.354	86.920	86.377	86.051	85.916	85.190	84.632	84.553	84.370	84.176	83.033	82.289	82.038
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

Drawing Title
HIGHWAY PLANS LONG SECTIONS SHEET 2 OF 6

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