

# A19 Downhill Lane Junction Improvement Scheme Number: TR010024 2.6(2) Engineering Drawings and Sections

APFP Regulation 5(2)(o) Planning Act 2008 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

> Volume 2 November 2019



#### Infrastructure Planning

### Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

# A19 DOWNHILL LANE JUNCTION IMPROVEMENT

The A19 (Downhill Lane Junction Improvement) Development Consent Order 201[]

### **ENGINEERING DRAWINGS AND SECTIONS**

Regulation Number:	Regulation 5(2)(o) & Regulation 6(2)
Planning Inspectorate Scheme	TR010024
Reference	
Application Document Reference	TR010024/APP/2.6(2)
Author:	A19 Project Team, Highways England &
	Jacobs

Version	Date	Status of Version
Rev 2	November 2019	Submission for Deadline 5
Rev 1	October 2019	Submission for Deadline 3
Rev 0	January 2019	Application Issue



Page Left Intentionally Blank



### **CONTENTS**

1	INTRODUCTION	1
2	SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT	3



Page Left Intentionally Blank



#### 1 INTRODUCTION

- 1.1 These Engineering Drawings & Sections (these "Drawings") relate to an application made by Highways England (the "Applicant") to the Planning Inspectorate ("the Inspectorate") under section 37 of the Planning Act 2008 (the "2008 Act") for a Development Consent Order (DCO). If made, the DCO would grant consent for the Applicant to undertake the A19 Downhill Lane Junction Improvement (the "Scheme"). A detailed description of the Scheme can be found in the Environmental Statement **(Application Document Reference: TR010024/APP/6.1)**.
- 1.2 These Drawings comprise part of the suite of Application documentation and is included in the Application in compliance with Regulations 5(2)(o) and Regulation 6(2) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, which requires:

"5(2)(o) any other plans, drawings and sections necessary to describe the proposals for which development consent is sought, showing details of design, external appearance, and the preferred layout of buildings or structures, drainage, surface water management, means of vehicular and pedestrian access, any car parking to be provided, and means of landscaping"

6(2) If the application is for highway related development or for the construction or alteration of a railway, it must be accompanied by section drawings to suitable horizontal and vertical scales, which show, by reference to Ordnance Survey or Chart datum

(a) the levels of the proposed works, including in particular and where relevant

(i) ground levels;

(ii) the height of every proposed bridge, viaduct, aqueduct, embankment and elevated guideway;

(iii) the depth of every proposed cutting and tunnel;

(iv) the levels of the bed of any tidal waters or inland waterway in which it is proposed that any works should be situated;

(v) the height of every structure or device (including a cable, but not catenary and related equipment) intended to be erected above, on or below the surface of, or on or beneath the bed of tidal waters or an inland waterway; and

(vi) drainage outfall details for highways;

(b) a cross section of every intended tunnel and any altered gradient of a carriageway or a way forming part of a guided transport system on either side of every level crossing, bridge, tunnel or underpass which would carry the carriageway or way or through which it would pass.



1.3 These Drawings are part of the Application documentation, they should be read alongside and is informed by the other Application documents. In particular, these Drawings should be read alongside Schedule 1 of the draft Development Consent Order (Application Document Reference: TR010024/APP/3.1).



### 2 SCHEDULE OF PLANS INCLUDED IN THIS APPLICATION DOCUMENT

Document Title	Document Number	Revision
Engineering Drawings - Highways General Arrangement – APFP Regulation 5(2)(o) – Sheet 1 of 2	TR010024/APP/2.6.1(A)	2
Engineering Drawings - Highways General Arrangement – APFP Regulation 5(2)(o) – Sheet 2 of 2	TR010024/APP/2.6.1(B)	1
Engineering Drawings - Highways Longitudinal Sections – APFP Regulation 5(2)(o) – Sheet 1 of 3	TR010024/APP/2.6.2(A)	0
Engineering Drawings - Highways Longitudinal Sections – APFP Regulation 5(2)(o) – Sheet 2 of 3	TR010024/APP/2.6.2(B)	0
Engineering Drawings - Highways Longitudinal Sections – APFP Regulation 5(2)(o) – Sheet 3 of 3	TR010024/APP/2.6.2(C)	0
Engineering Drawings - Structures – South Junction Overbridge – APFP Regulation 5(2)(o)	TR010024/APP/2.6.3(A)	0
Engineering Drawings – Structures – Non-Motorised User Overbridge – APFP Regulation 5(2)(o)	TR010024/APP/2.6.3(B)	0
Engineering Drawings – Structures – Non-Motorised User Ramps – APFP Regulation 5(2)(o)	TR010024/APP/2.6.3(C)	0
Engineering Drawings – Drainage General Arrangement – APFP Regulation 5(2)(o)	TR010024/APP/2.6.4	0











A19 - DOWNHILL LANE - NORTHBOUND DIVERGE - LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000



A19 - DOWNHILL LANE - SOUTHBOUND MERGE - LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

|--|

- 1. All dimensions are in metres unless stated otherwise.
- 2. This drawing should be read in conjunction with the Highways General Arrangement engineering drawings TR010024/APP/2.6.1(A) & 2.6.1(B), Structure engineering drawings TR010024/APP/2.6.3(A) to 2.6.3(C) and Drainage engineering drawing TR010024/APP/2.6.4(A).
- 3. All structure positions are indicative.
- 4. Plans to be read in conjunction with all of the plans and documents included in the Development Consent Order application. The proposed works will be subject to detailed design development. The changes will be limited to being within the limits of land to be acquired or used permanently and any other constraint included in the Development Consent Order (Document Reference TR010024/APP/3.1).

# KEY



				110	
Proposed	d Vertical Ali	gnment	Curve		
Existing	Ground Surf	ace			
5	10	15		20	m
200					
	50			100	) m
1000	non Ordnance Surve	av material wi	th the		
permission of pller of Her Maje thorised reprodu lead to pro	Ordnance Survey on sty's Stationery Offic action infringes Crow ossecution or civil pro	behalf of the ce © Crown c vn copyright a oceedings. 549 2017	opyright. Ind may		
HIGHWAY	13 ENGLAND 100300				
HIGHWA' APPI	LICATION ISSUE	CR	AP	AP	GW
HIGHWA' APPI Pur	LICATION ISSUE	CR Draw	AP n Check'd	AP Rev'd	GW Appr'd
HIGHWAY APPI Pur	LICATION ISSUE	CR Draw AYS d	AP n Check'd	AP Rev'd	GW Appr'd
HIGHWAY APPI Pur	LICATION ISSUE pose of Revision highwengland BSS	CR Draw Vays d	AP n Check'd	AP Rev'd	GW Appr'd
HIGHWAY APPI Pur USAN APPI Pur Pur Pur Pur Appi Appi Appi Appi Appi Appi Appi App	LICATION ISSUE pose of Revision highweight england BSS 1 9DX (0)113 389 1389	CR Draw Draw	AP n Check'd	AP Rev'd	GW Appr'd
HIGHWAY APPI Pur USA APPI Pur Valk, Leeds, LS1 2 6771 Fax:+44 www.jacobs.com 9 DOWNI IMI	LICATION ISSUE rpose of Revision highw england BSS 1 9DX (0)113 389 1389 HILL LANE PROVEMEI	CR Draw Draw Contractor JUNCT	AP n Check'd	AP Rev'd	GW Appr'd
HIGHWAY APPI Pur USA Walk, Leeds, LS1 2 6771 Fax:+44 www.jacobs.com 9 DOWNI IMI NGINEE	LICATION ISSUE rpose of Revision highw england BSS 19DX (0)113 389 1389 HILL LANE PROVEMEI ERING DR	CR Draw CAWINCT	AP n Check'd	AP Rev'd	GW Appr'd
HIGHWAY APPI Pur Pur COO Walk, Leeds, LS1 12 6771 Fax:+44 www.jacobs.com 9 DOWNI IMI NGINEE AYS LO	HILL LANE PROVEMEI	CR Draw CR Draw Contractor JUNCT NT AWING NAL SE		AP Rev'd	GW Appr'd
APPI Pur Pur COO Walk, Leeds, LS1 <sup>-</sup> 12 6771 Fax:+44 www.jacobs.com 9 DOWNI IMI NGINEE AYS LO EGULA SH	HILL LANE PROVEMEI ERING DR NGITUDIN TION 5(2)	Contractor JUNCT NT AWING NAL SE (0) & 6 = 3	AP n Check'd Check'd Check'd Check'd Check'd Check'd Check'd	AP Rev'd	GW Appr'd
APPI Pur Pur CO Walk, Leeds, LS1 Walk, Leeds, LS1 Walk, Leeds, LS1 Walk, Leeds, LS1 Walk, Leeds, LS1 NGINEE AYS LO EGULA SH DCC	HILL LANE PROVEMEI RING DR NGITUDIN TION 5(2) EET 1 OF	Contractor JUNCT NT CAWING NAL SE (0) & 6 = 3 CON	AP n Check'd Check'd Check'd Check'd Check'd Check'd Check'd		GW Appr'd
APPI Pur Pur COO Walk, Leeds, LS1 12 6771 Fax:+44 www.jacobs.com 9 DOWNI IMI NGINEE AYS LO EGULA SH DCC 1:1000 @ A B0140301	HILL LANE PROVEMEI RING DR NGITUDIN TION 5(2) EET 1 OF SUBMISS	Contractor JUNCT NT AWING NAL SE (0) & 6 = 3 HON	AP n Check'd Check'd Check'd Check'd Check'd Check'd Check'd Check'd Check'd	AP Rev'd	GW Appr'd
APPI Pur Pur COO Walk, Leeds, LS1 <sup>-</sup> 12 6771 Fax:+44 www.jacobs.com 9 DOWNI IMI NGINEE AYS LO EGULA SH DCC 1:1000 @ A B0140301 HE514495	HILL LANE PROVEMEI RING DR NGITUDIN TION 5(2) EET 1 OF SUBMISS	CR Draw CR Draw Contractor JUNCT NT AWING NAL SE (0) & 6 = 3 JION DC	AP n Check'd Check'	AP Rev'd	GW Appr'd
	Proposed Existing	Proposed Vertical Ali Existing Ground Surf	Proposed Vertical Alignment Existing Ground Surface	Proposed Vertical Alignment Curve Existing Ground Surface	Proposed Vertical Alignment Curve Existing Ground Surface

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

387

A19 - DOWNHILL LANE - CIRCULATORY LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

	From Jun	ction Ci	irculator	y ▶		-	Го Тез	sto's Jun	ction	
	- De									
Datum: 35.00 mAOD										
PROPOSED LEVELS	<del>41.617</del> 41.669 -	41.828 -	42.056 -	42.223 -	42.291-	42.259-	42.127 -	41.894 -	41.562 -	41.135
SURVEY LEVELS	41.620 41.827-	42.078-	42.307-	42.454-	42.485-	42.394-	42.179-	41.873 <del>-</del>	41.490-	41.064
LEVEL DIFFERENCE	-0.003 -0.158 -	-0.250 -	-0.252 -	-0.231 -	-0.194 -	-0.135 -	-0.053 -	0.021 -	0.072 -	0.071
	=14.812m			A: L: 71	93.79 1.764m			R: 122. L: 12.3	565m A 303m L: 1	: 53.56 19.398m
VERTICAL G =	K = L =19 0.96% =2.032	-13 9.974 G =2 L =(	2.50%			K =10 L =69.99	97			=4.50% =6.473
CHAINAGE	<del>6 55</del> G 60 -	G 70 -	G 80	G 90 -	G 100 -	G 110 -	G 120 -	G 130 -	G 140 -	6 150

	Fro	om Wash	nington F	Road	•																																
																																				'	,
Datum: 35.00 mAOD																																				_	
PROPOSED LEVELS	<u>40.233</u>	40.272	40.309-	40.338	40.356 -	40.364 -	40.362 -	40.351-	40.329	40.297 -	40.256 -	40.206	40 156 -	act .04	40.100	40.056	40.006 -	39.956	39.906 -	39.864 -	39.849	39.860	39.899 -	39.965	40.057 -	40.177 -	40.322	40.472	40.622 -	40.772	40.922 -	41.072-		- 177.14	41.371-	41.521	41.671
SURVEY LEVELS	40.233	40.272-	40.292 -	40.327 -	40.343-	40.365 -	40.349-	40.332-	40.305-	40.277-	40.258-	40.175-	40.092	200.04	40.041	39.942 -	39.905-	39.895-	39.805-	39.824-	39.829-	39.793-	39.766-	39.726-	39.673-	39.600-	39.565 -	39.531-	39.437 -	39.338-	39.228-	39.103-		- 269.00	38.830-	38.641-	39.474 -
LEVEL DIFFERENCE	0.000	0.000 -	0.017 -	0.011 -	0.013 -	0.000	0.014 -	0.019 -	0.024 -	0.020 -	-0.003 -	0.031 -	0.064	100.0	- con.n	0.114 -	0.101 -	0.061	0.101 -	0.040	0.019 -	0.068	0.133 -	0.239 -	0.385 -	0.577 -	0.757 -	0.941 -	1.185 -	1.433 -	1.693 -	1.969 -		2.230	2.541 -	2.880	2.197
HORIZONTAL			L =44.7	′21m				A: 94.8 L: 50.00	7 Om					R: 180 L: 72	0.000m 2.122m	1					A: 94 L: 50.0	87 000m			L =28.49	96m		A: 38 L: 33.6	3.01 500m					R: 43 L: 91	.000m . <del>564</del> m		
VERTICAL	GL	=0.39% =14.346					K =100 L =88.97	) 75							G =-0. L =68	.50% .875							K =37 L =73.98	9								G = L =1	1.50% 14.928	8			
CHAINAGE	4 8 8	K 10 -	K 20 -	K 30 -	K 40 -	K 50 -	K 60 -	K 70 -	K 80 -	K 90 -	K 100 -	K 110 -	K 120 -			K 140 -	K 150 -	K 160 -	K 170 -	K 180 -	K 190 -	K 200 -	K 210 -	K 220 -	K 230 -	K 240 -	K 250 -	K 260 -	K 270 -	K 280 -	K 290 -	K 300 -	010 1		K 320 -	K 330 -	K 340 -

## A19 - DOWNHILL LANE - NORTHBOUND LINK TO TESTO'S - LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

	Network existing 5 metres the A19		Connection point to existing A19 southbound link drainage network							To Junction Circulatory						
	From Test	o's Junctic	on •			-										
Datum: 35.00 mAOD																
PROPOSED LEVELS		I	I	39.307 -	39.743 -	40.215	40.720 -	41.206	41.597 -	41.888 -	42.079-	42.170 -	42.161 -	42.052	41.852 -	41.687 - 41.634
SURVEY LEVELS	<del>37.796</del> 38.135-	38.519-	38.898-	39.304-	39.745-	40.215-	40.718-	41.199-	41.592-	41.916-	42.087-	42.137	42.128-	42.063-	41.874-	41.674- 41.647
LEVEL DIFFERENCE		I	1	0.003 -	-0.002	- 000.0	0.002 -	0.007	0.005 -	-0.028 -	- 900.0-	0.034 -	0.033 -	-0.010	-0.022 -	0.013 -
HORIZONTAL	R: L:	360.000m 33.745m			A L:	: 134.16 50.000p	) n			L	. =53.64	1m		A: 2 L: 15	R: L: 7.39 .000m	50.000m 24.760m
VERTICAL			G L	=4.30% =6.233	K = L =20	=26 ).609	G <i>≠</i> 5. L =8.	10% 166		l	K =10 _ =73.47	2		G =-2 L =0.	25% 555	K =13 L =19.251
CHAINAGE	H 10 - H	H 20 -	H 30 -	H 40 -	H 50 -	- 09 H	- 07 H	H 80 -	- 06 H	H 100 -	H 110 -	H 120 -	H 130 -	H 140 -	H 150 -	H 160 - H 165

												То	A1290 E	astbour	ıd
	Fro	om Down	hill Lane	e (West)	•										
												>			$\overline{\mathbf{x}}$
Datum: 35.00 mAOD															
PROPOSED LEVELS	<u>37.395</u>	37.396	37.396	37.397	37.398	37.400	37.438	37.525	37.625	37.725	37.825	37.925	38.025	38.125	38,225
SURVEY LEVELS	37.395	37.386-	37.386-	37.395-	37.398	37.370-	37.354-	37.314-	37.359-	37.394-	37.325-	37.048-	37.033-	37.064-	37 808-
LEVEL DIFFERENCE	0.000	0.010 -	0.010 -	0.002 -	0.000 -	0.030 -	0.084 -	0.211 -	0.266 -	0.331 -	0.499 -	0.877	0.991 -	1.061 -	0.417
HORIZONTAL		L =3	33.849m			/ L:	A: 67.08 50.000r	n				R: 90 L: 62.	.000m 581m		
VERTICAL			G =0. L =47	G =0.01% K =20 G =1.0 L =47.591 L =19.836 L =77.								=1.00% 77.885			
CHAINAGE	00 W	M 10 -	M 20 -	M 30 -	M 40 -	M 50 -	M 60 -	M 70	M 80 -	- 06 M	M 100 -	M 110 -	M 120 -	M 130 -	M 140 -

A19 - DOWNHILL LANE - SOUTHBOUND LINK ROAD FROM TESTO'S -LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000



A19 - DOWNHILL LANE - WASHINGTON ROAD - LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

A19 - DOWNHILL LANE - DOWNHILL LANE WEST LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

	Fro	m Junctio	on Circu	ulatory						
							Ţ	o Down	hill Lane	(East)
Datum: 35.00 mAOD										
PROPOSED LEVELS	40.990	40.868 -	40.646 -	40.324 -	39.928 -	39.528	39.144 -	38.831-	38.595 -	38.437 -
SURVEY LEVELS	40:021	39.981-	39.841-	39.535 -	39.196-	38.914 -	38.712-	38.578-	38.442 -	38.378- 38.378
LEVEL DIFFERENCE	0.969	0.887 -	0.805	- 062.0	0.733 -	0.614 -	0.432 -	0.254 -	0.153 -	0.059 -
HORIZONTAL	R: - L: :	45.700m 32.818m	A: 17 L: 6.3	7.01 R: 45 33m L: 4. A: 17.01 L: 6.347n	5.600 <del>m</del> .957m I n	A: 35 L: 27.8	.65 72m		L =33.6	27m
VERTICAL		K L =3	=10 39.767		G =-4. L =20	.00% .843		K L =/	( =13 45.574	G =-0.4 L <i>=</i> 0.7
CHAINAGE	<del>J 30</del>	- J 40	J 50 -	- 09 ſ	- 02 ſ	J 80 -	- 06 ſ	J 100 -	J 110 -	J 120 -

A19 - DOWNHILL LANE - DOWNHILL LANE EAST LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

- 1. All dimensions are in metres unless stated otherwise.
- 2. This drawing should be read in conjunction with the Highways General Arrangement engineering drawings TR010024/APP/2.6.1(A) & 2.6.1(B), Structure engineering drawings TR010024/APP/2.6.3(A) to 2.6.3(C) and Drainage engineering drawing TR010024/APP/2.6.4(A).
- 3. All structure positions are indicative.
- 4. Plans to be read in conjunction with all of the plans and documents included in the Development Consent Order application. The proposed works will be subject to detailed design development. The changes will be limited to being within the limits of land to be acquired or used permanently and any other constraint included in the Development Consent Order (Document Reference TR010024/APP/3.1).

# KEY



Proposed Vertical Alignment Curve



Existing Ground Surface	

20 m SCALE 1:200 100 n SCALE 1:1000 This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. HIGHWAYS ENGLAND 10030649 2017



# A19 DOWNHILL LANE JUNCTION IMPROVEMENT

Drawing title ENGINEERING DRAWINGS HIGHWAYS LONGITUDINAL SECTIONS REGULATION 5(2)(0) & 6(2) SHEET 2 OF 3 Drawing status DCO SUBMISSION

DO NOT SCALE 1:1000 @ A1 B0140301 Jacobs No. HE514495

Scale









# From Junction Circulatory

																		-
Datum: 35.00 mAOD																		_
PROPOSED LEVELS	42.130 42.011 -	41.805 -	41.540 -	41.216 -	40.835 -	40.434 -	40.033 -	39.632	39.233 -	38.866 -	38.550 -	38.283 -	38.067	37.900 -	37.784 -	37.715 -	37.660 -	
SURVEY LEVELS	37.194 -	37.082 -	36.972 -	36.898 -	36.809 -	36.788 -	36.845 -	36.884 -	36.998 -	37.819 -	37.781-	37.636 -	37.676 -	37.696 -	37.694 -	37.664 -	37.620 -	
LEVEL DIFFERENCE	4.817 -	4.723 -	4.568 -	4.318 -	4.026 -	3.646 -	3.189 -	2.748 -	2.235 -	1.047 -	0.769 -	0.647 -	0.391 -	0.204 -	- 060.0	0.051 -	0.040 -	
HORIZONTAL		A: 73 L: 61.0	.30 58m		F L	R: 88.000 _: 30.044	)m Im						A: 10 L: 117.	1.59 282m				
VERTICAL		R =17 L =4	00.000 7.100			G.	=-4.008% =40.175	%				R =2000 L =69.	0.000 108					
CHAINAGE	E 60 -	E 70 -	E 80 -	E 90 -	E 100 -	E 110 -	E 120 -	E 130 -	E 140 -	E 150 -	E 160 -	E 170 -	E 180 -	E 190 -	E 200 -	E 210 -	E 220 -	
																		1

From A1290 Eastbound Datum: 35.00 mAOD PROPOSED LEVELS SURVEY LEVELS LEVEL DIFFERENCE HORIZONTAL L =161.828m R=10000.000 L=13.473 R =7400.000 G =0.685% G =0.550% VERTICAL L =44.080 L =63.193 L =60.514 F 10 F 20 F 20 F 20 F 20 F 20 F 100 F 120 F 130 F 120 CHAINAGE

> A19 - DOWNHILL LANE - A1290 EASTBOUND -LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000





A19 - DOWNHILL LANE - A1290 WESTBOUND -LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000



A19 - DOWNHILL LANE - NMU OVERBRIDGE - LONGITUDINAL SECTION SCALE: H 1:1000,V 1:200. DATUM: 35.000

NOTES
1. All dimensions are in metres unless stated otherwise.
<ol> <li>This drawing should be read in conjunction with the Highways General Arrangement engineering drawings TR010024/APP/2.6.1(A) &amp; 2.6.1(B), Structure engineering drawings TR010024/APP/2.6.3(A) to 2.6.3(C) and Drainage engineering drawing TR010024/APP/2.6.4(A).</li> </ol>
3. All structure positions are indicative.
4. Plans to be read in conjunction with all of the plans and documents included in the Development Consent Order application. The proposed works will be subject to detailed design development. The changes will be limited to being within the limits of land to be acquired or used permanently and any other constraint included in the Development Consent Order (Document Reference TR010024/APP/3.1).
KEY
Proposed Vertical Alignment Gradient
Proposed Vertical Alignment Curve
——— Existing Ground Surface
0 5 10 15 20 m
SCALE 1 : 200 0 50 100 m
SCALE 1:1000
This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. HIGHWAYS ENGLAND 10030649 2017
0     18/12/2018     APPLICATION ISSUE     CR     AP     AP     GW       Rev     Revision date     Purpose of Revision     Drawn     Check'd     Rev'd     Appr'd
Client highways england
Designer JACOBS Contractor
Tel:+44(0)113 242 6771 Fax:+44(0)113 389 1389 www.jacobs.com
A19 DOWNHILL LANE JUNCTION IMPROVEMENT
Drawing title ENGINEERING DRAWINGS HIGHWAYS LONGITUDINAL SECTIONS REGULATION 5(2)(0) & 6(2) SHEET 3 OF 3
Drawing status         DCO SUBMISSION           Scale         1:1000 @ A1         DO NOT SCALE
Jacobs No. B0140301 Client no. HE514495 Drawing number
TR010024/APP/2.6.2 (C)

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.

	40.519
	<del>38.553</del>
	1.966
)% )7	_
	<del>10.00  </del>









- NOTES
- 1. All dimensions are in millimetres unless noted otherwise.
- 2. All levels and chainages are in metres unless noted otherwise.
- 3. All structure positions are indicative.
- 4. Structures Engineering Drawings & Sections, Regulations 5(2)(o) and 6(2) should be read in conjunction with Highways General Arrangement drawings (Document Reference TR010020/APP/2.6.1(A)&(B)), Highways Longitudinal Section drawings (Document Reference TR010020/APP/2.6.2(A) to (C)) and also with all other plans and documents included in the Development Consent Order application (Document Reference TR010024/APP/3.1).
- This drawing shows the preferred option at this stage. The proposed works will be subject to detailed design 5. development. Any changes will be limited to being within the limits of land to be acquired or used permanently and any other constraint included in the Development Consent Order (Document Reference

	o	1	2	3	4		5	m			
	SCALE 1:	50									
	Q	5	10	15	20	)	25	m			
	SCALE 1	250									
This map is based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. HIGHWAYS ENGLAND 10030649 2017											
0	18/12/2018	AP	PLICATION	ISSUE	CR	AP	AP	GW			
Rev	Revision date	F	Purpose of Re	vision	Drawn	Check'd	Rev'd	Appr'd			
Projec	1 City Tel:+44(0)113 2	Walk, Leeds, LS 42 6771 Fax:+4 www.jacobs.com	<b>BS</b> 611 9DX 44(0)113 389 m	1389	ontractor	C	OSTA	N			
A19 DOWNHILL LANE JUNCTION IMPROVEMENT											
Drawing title ENGINEERING DRAWINGS STRUCTURES DRAWINGS & SECTIONS NON-MOTORISED USER RAMPS REGULATION 5(2)(0) & 6(2)											
Drawir	ig status	DC	O SUB	MISSI	ION						
Scale		See Drawi	ng		DO	NOT	SCA	LE			
Jacob	s No.	B0140301									
Client	no.	HE514495	j								
Drawir	R010	024/A	PP/2	.6.3	(C)			0			
This proje	drawing is not ect as defined	to be used in on this drawing	whole or pa g. Refer to t	art other th he contrac	nan for the inf ct for full term	tended j is and co	ourpose	e and ns.			

