

## Lower Thames Crossing

### 6.2 Environmental Statement Figures Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction (4 of 6)

(Tracked Changes Version)

APFP Regulation 5(2)(a)

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

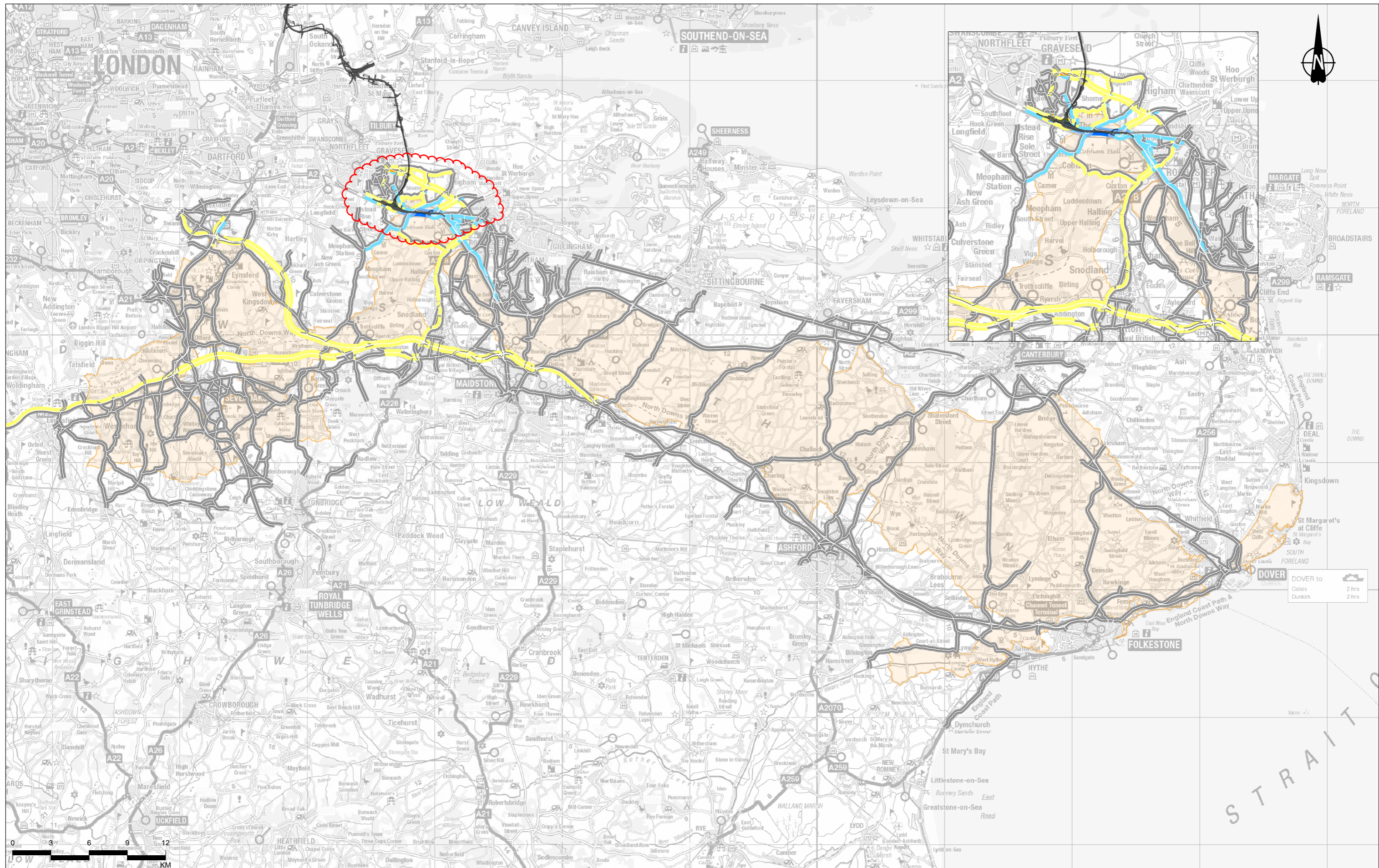
Volume 6

DATE: July 2023  
DEADLINE: 1

Planning Inspectorate Scheme Ref: TR010032  
Application Document Ref: TR010032/APP/6.2

VERSION: 2.0





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 7**

- Below -750
- -749 to -500
- -499 to -250
- -249 to -50
- -49 to +50
- +51 to +250
- +251 to +500
- +501 to +750
- Over +751

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)



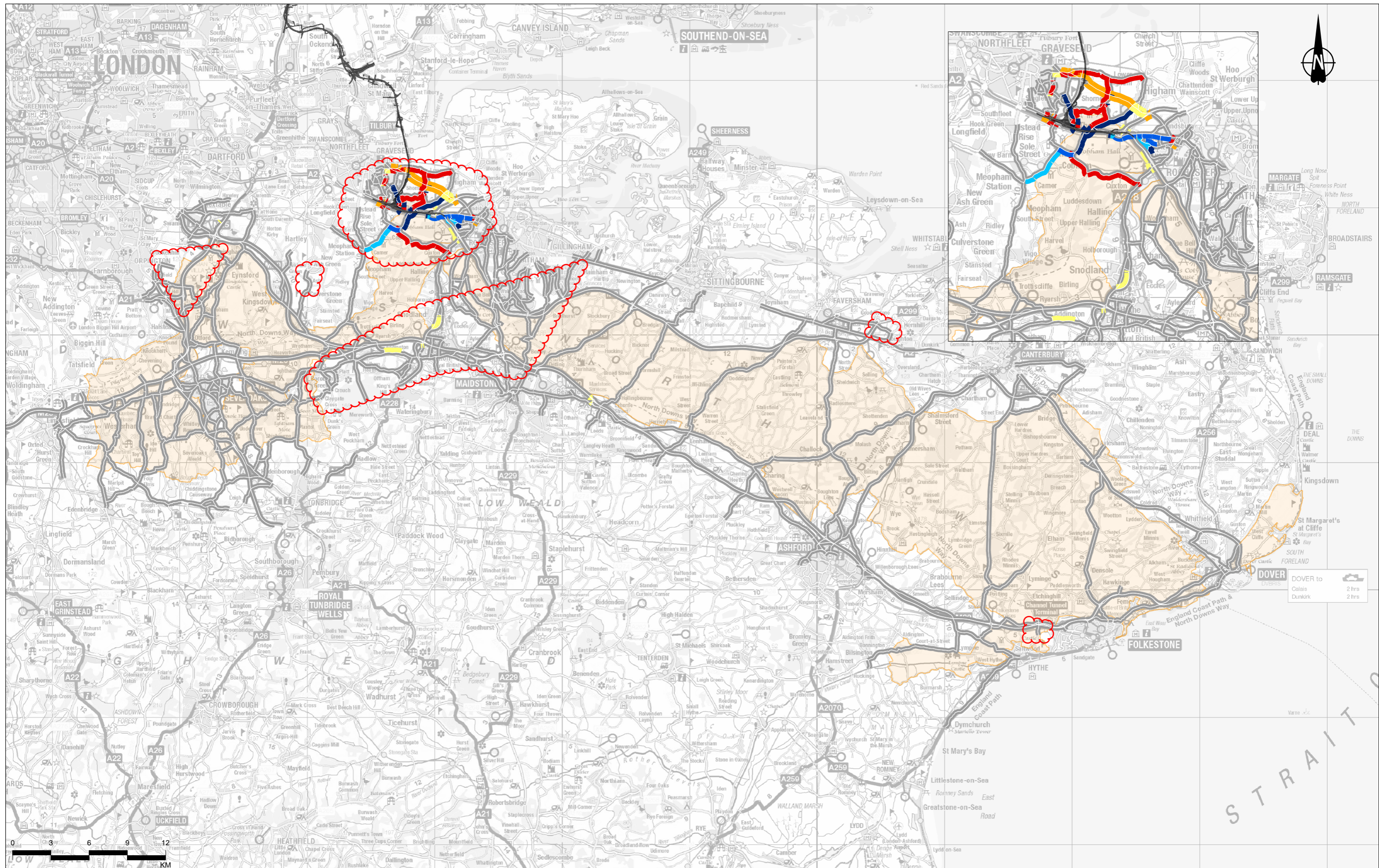
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by number of PCUs during AM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				

Page 73 of 132





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 7**

- Below -40%
- 40% to -20%
- 20% to -10%
- 10% to +10% (or change less than 50 PCUs)
- +10% to +20%
- +20% to +40%
- Over +40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

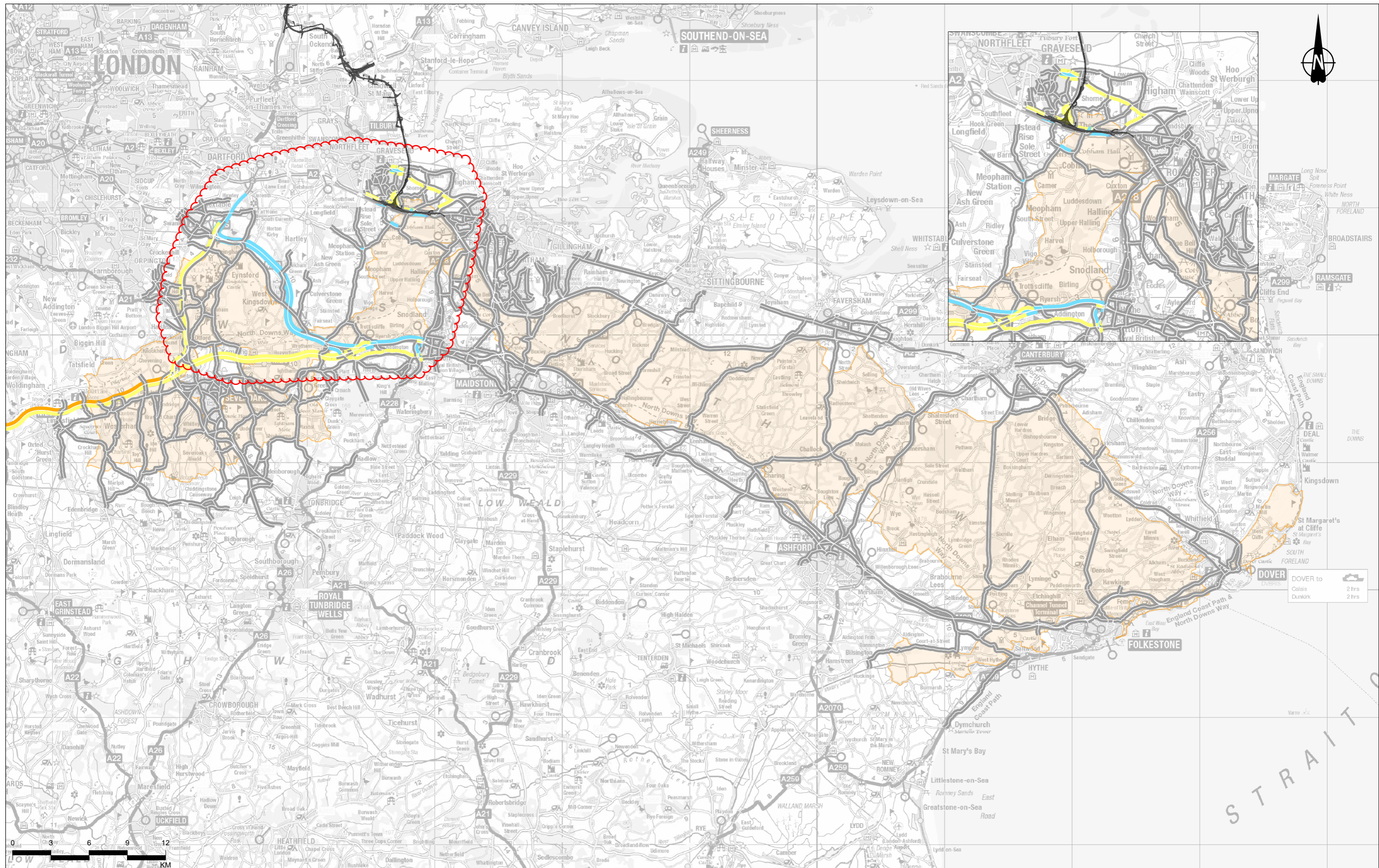


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by percentage PCUs during AM peak				
Page	Page 74 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 7**

- Below -100
- 99 to -50
- 49 to -25
- 24 to -6
- 5 to +5
- +6 to +25
- +26 to +50
- +51 to +100
- Over +100

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

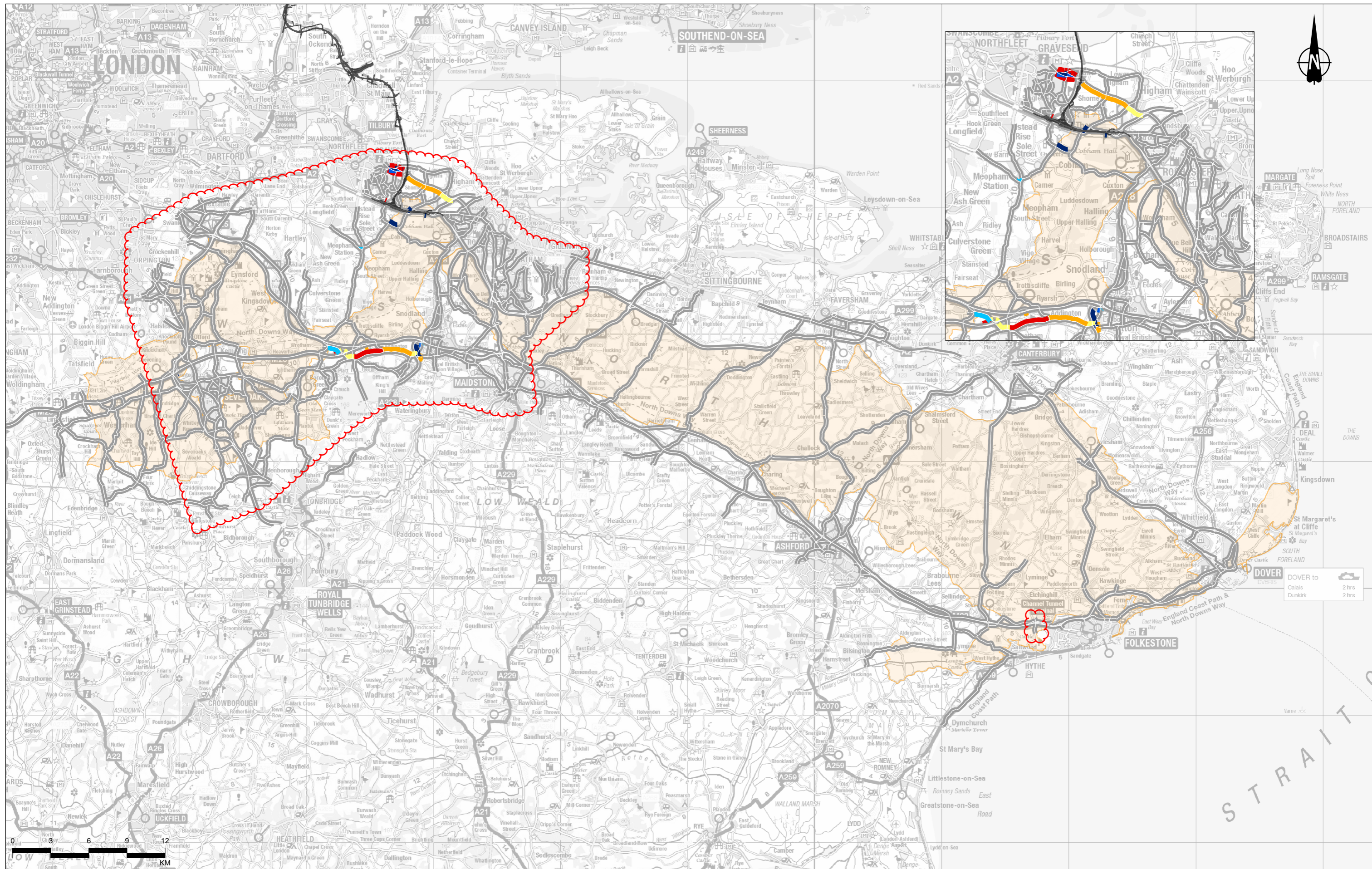


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by number of HGVs during AM peak				
Page	Page 75 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 7**

- 40% to -20%
- 20% to -10%
- Below -40%
- +10% to +20%
- +20% to +40%
- Over +40%
- 10% to +10% (or change + 5 vehicles)

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

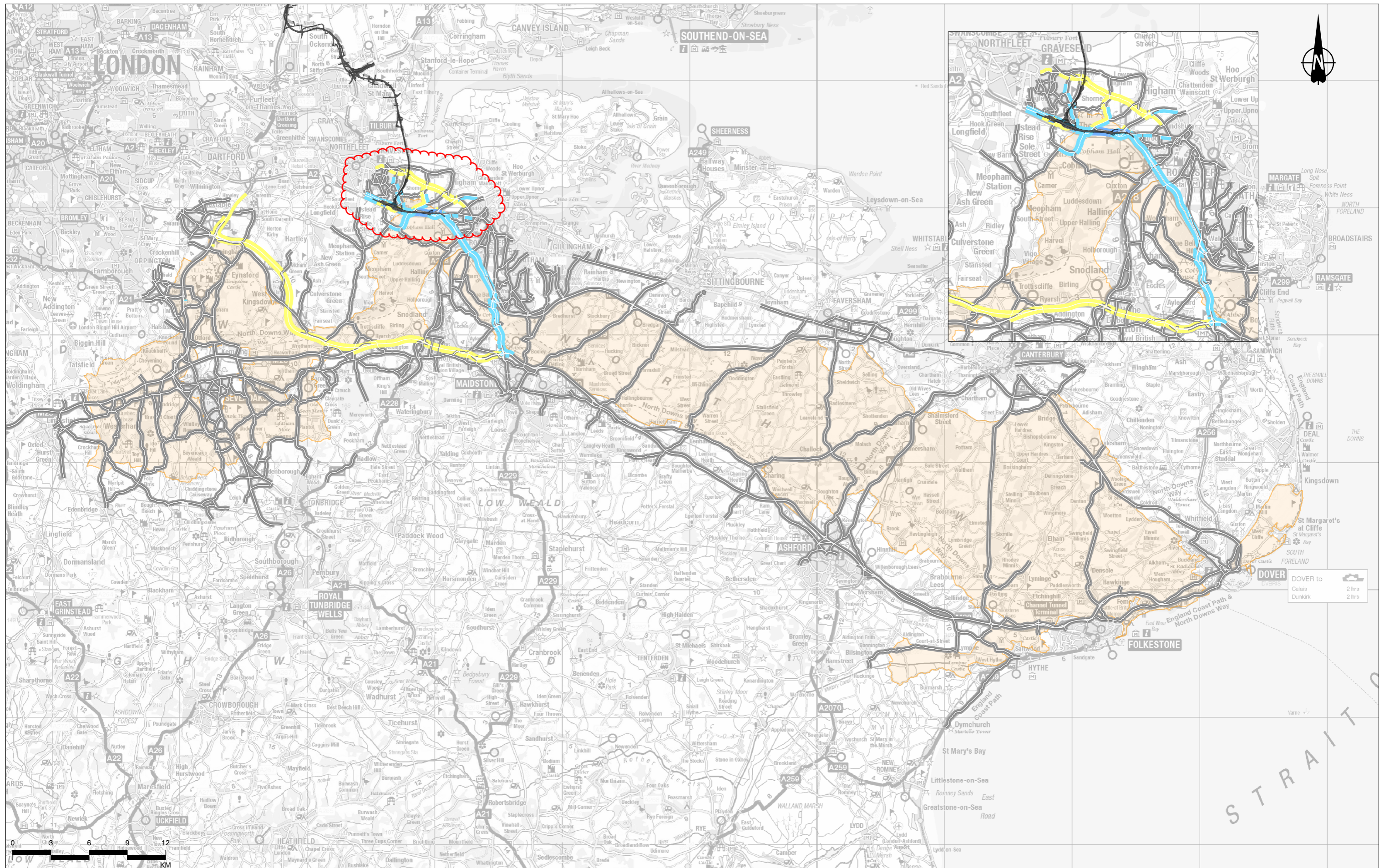


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by percentage HGVs during AM peak				
Page	Page 76 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 7**

- 749 to -500
- 499 to -250
- 249 to -50
- 49 to +50
- +51 to +250
- +251 to +500
- +501 to +750
- Over +751
- Below -750

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

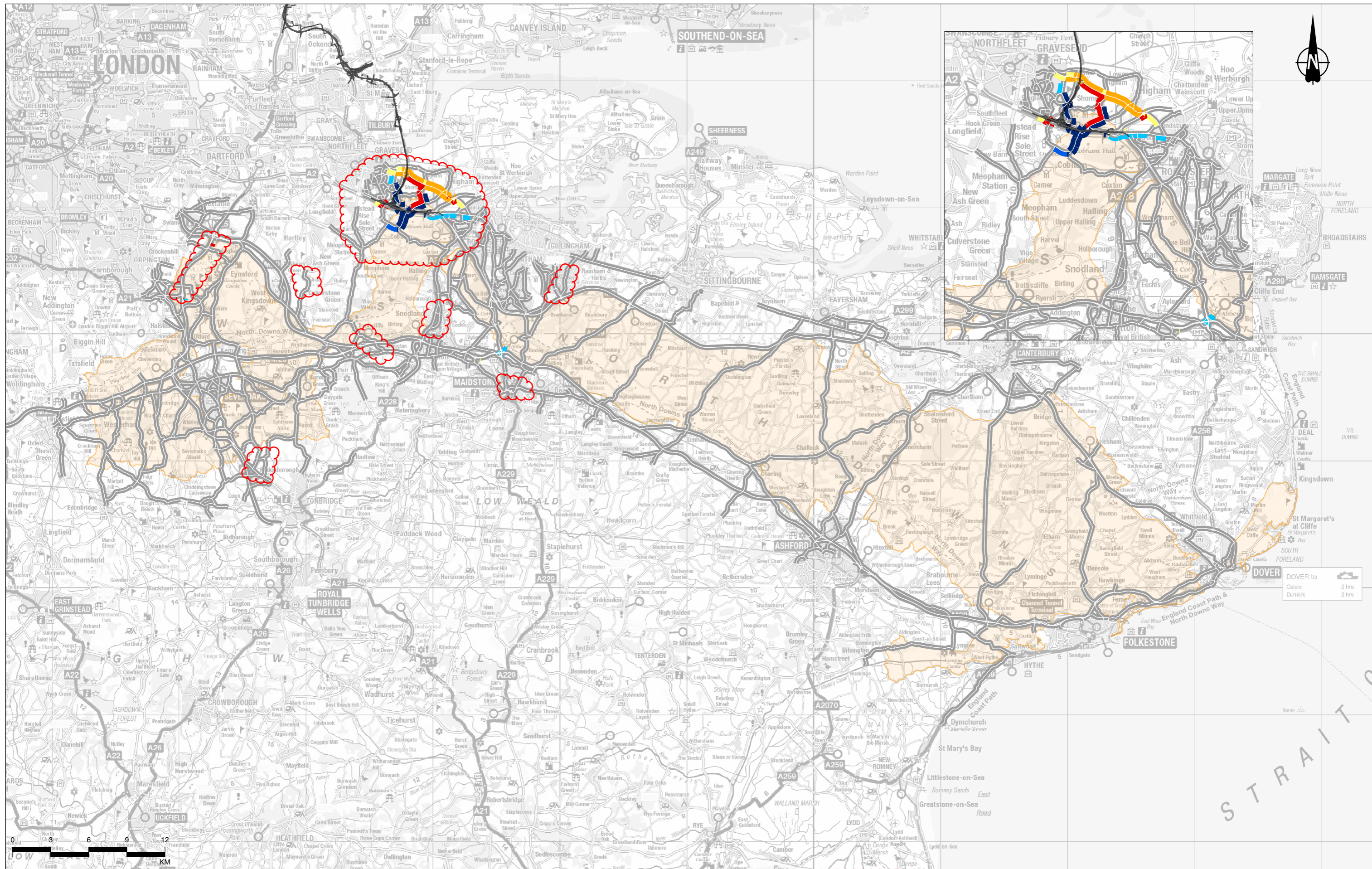


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title: <b>Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by number of PCUs during inter peak</b>					
Page 77 of 132					
Drawing Number: <b>HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126</b>					





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 7**

- 40% to -20%
- 20% to -10%
- 10% to +10% (or change less than 50 PCUs)
- +10% to +20%
- +20% to +40%
- Over +40%
- Below -40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

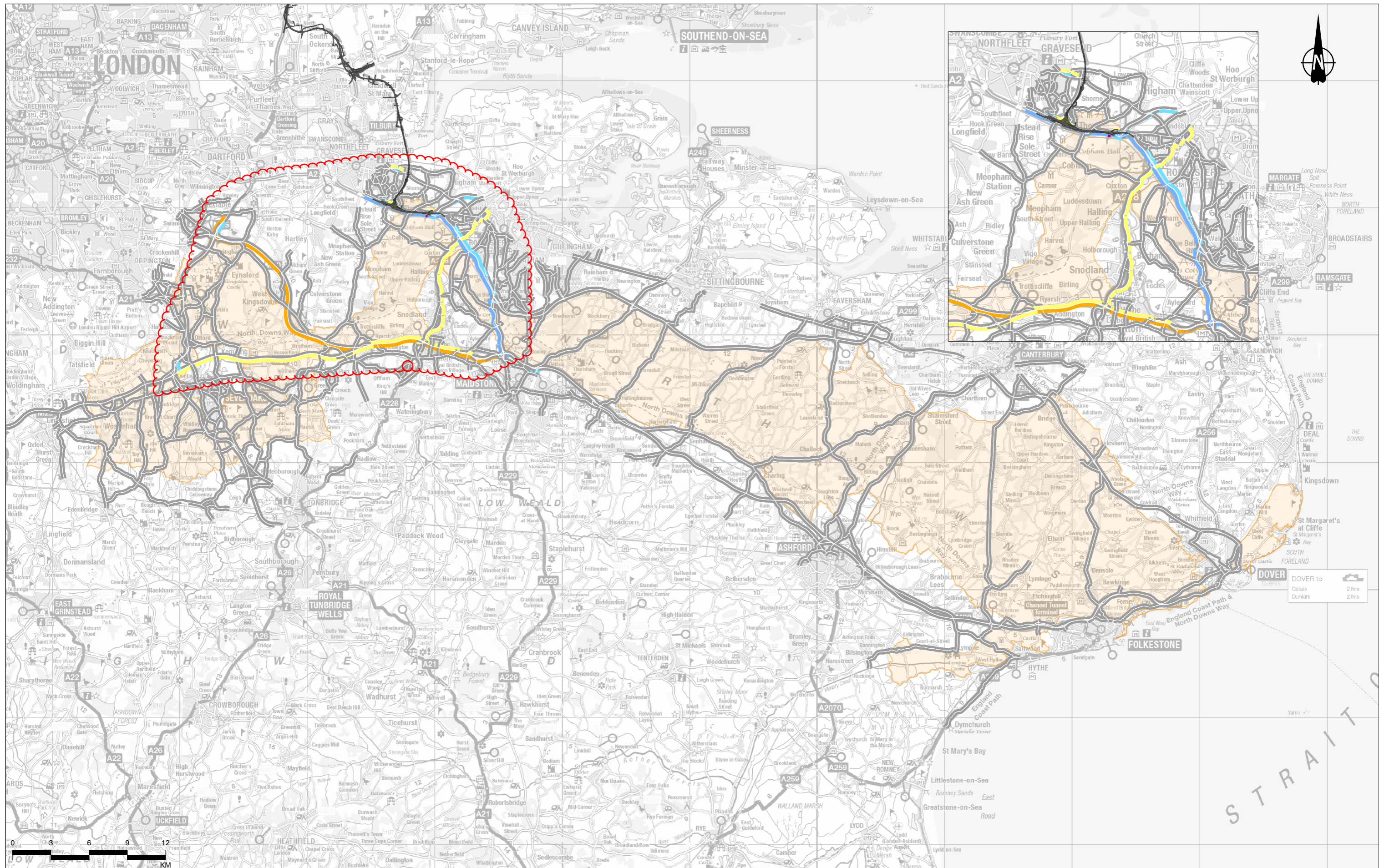


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by percentage PCUs during inter peak				
Page	Page 78 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 7**

- Below -100
- 99 to -50
- 49 to -25
- 24 to -6
- 5 to +5
- +6 to +25
- +26 to +50
- +51 to +100
- Over +100

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

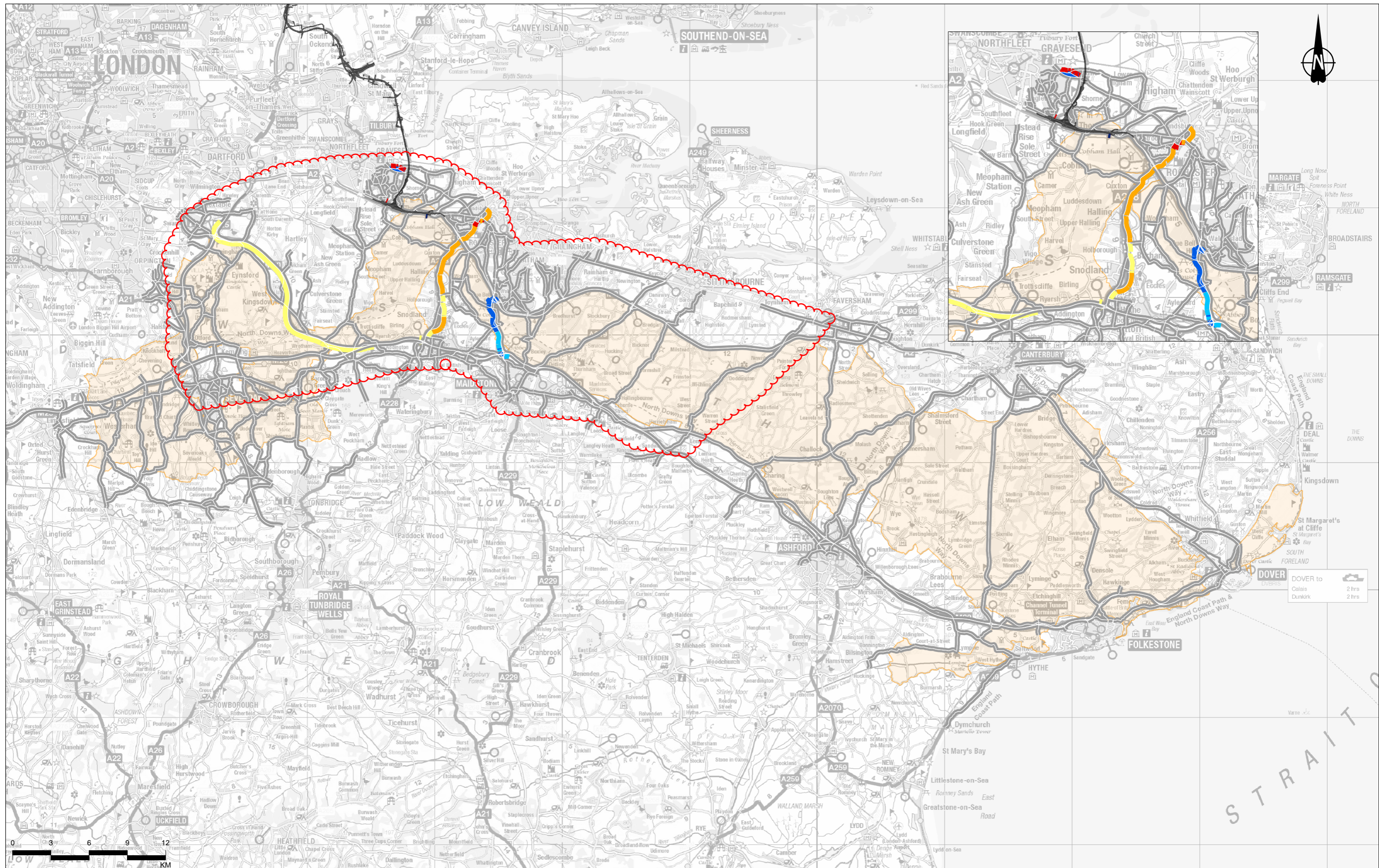


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by number of HGVs during inter peak				
Page	Page 79 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

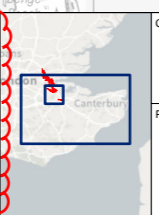
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 7**

- 40% to -20%
- 20% to -10%
- 10% to +10% (or change + 5 vehicles)
- +10% to +20%
- +20% to +40%
- Over +40%
- Below -40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

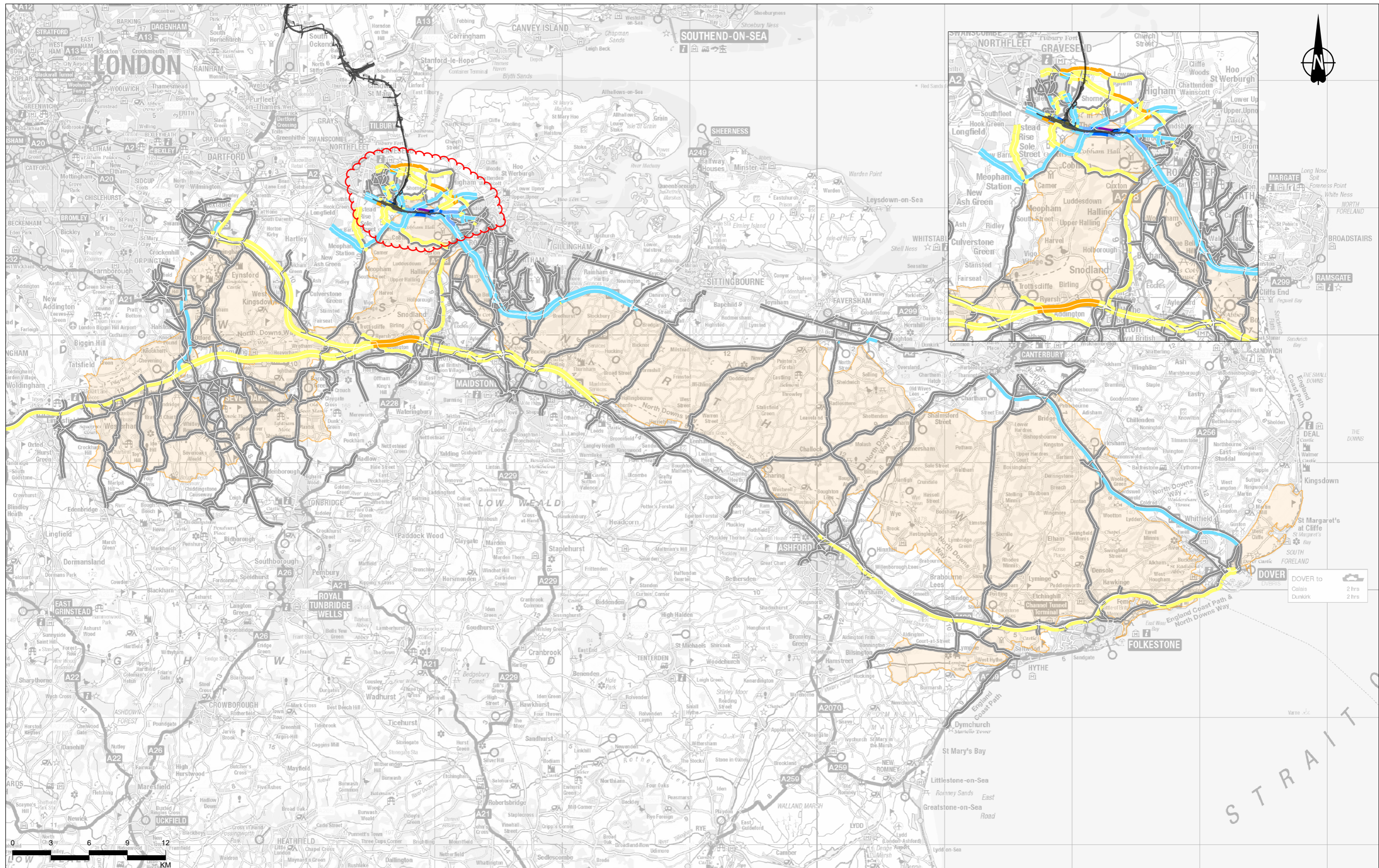


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by percentage HGVs during inter peak				
Page	Page 80 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 7**

- -749 to -500
- -499 to -250
- -249 to -50
- -49 to +50
- +51 to +250
- +251 to +500
- +501 to +750
- Over +751

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

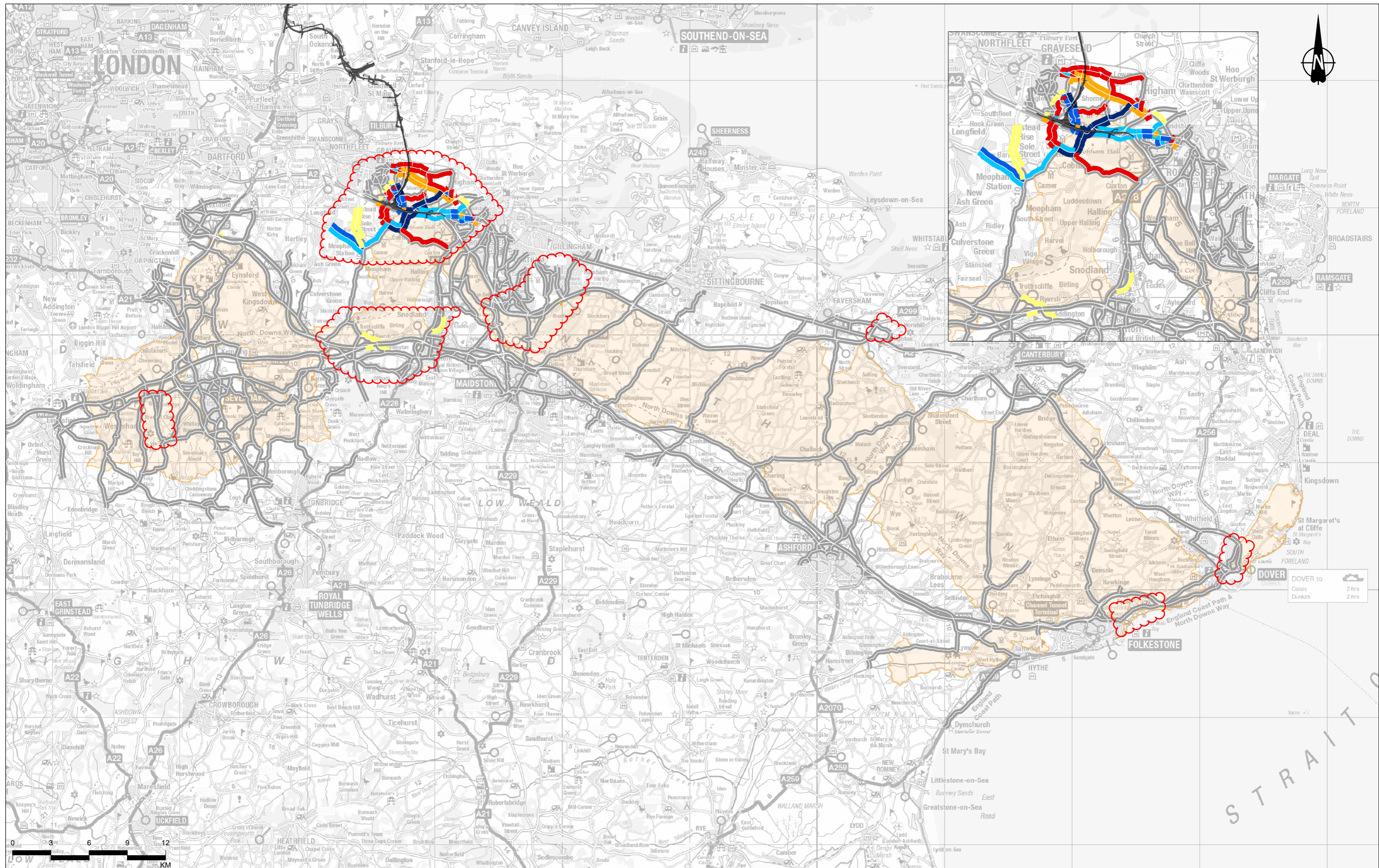
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title: <b>Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by number of PCUs during PM peak</b>					
Page 81 of 132					
Drawing Number: <b>HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126</b>					

Z:\Environment\Environmental Statement\07\_Landscape\Appendix 7-11 AONB Assessment\HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126 - 7\_20\_1\_apr





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 7**

- 40% to -20%
- 20% to -10%
- +10% to +20%
- +20% to +40%
- Over +40%
- 10% to +10% (or change less than 50 PCUs)
- Below -40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

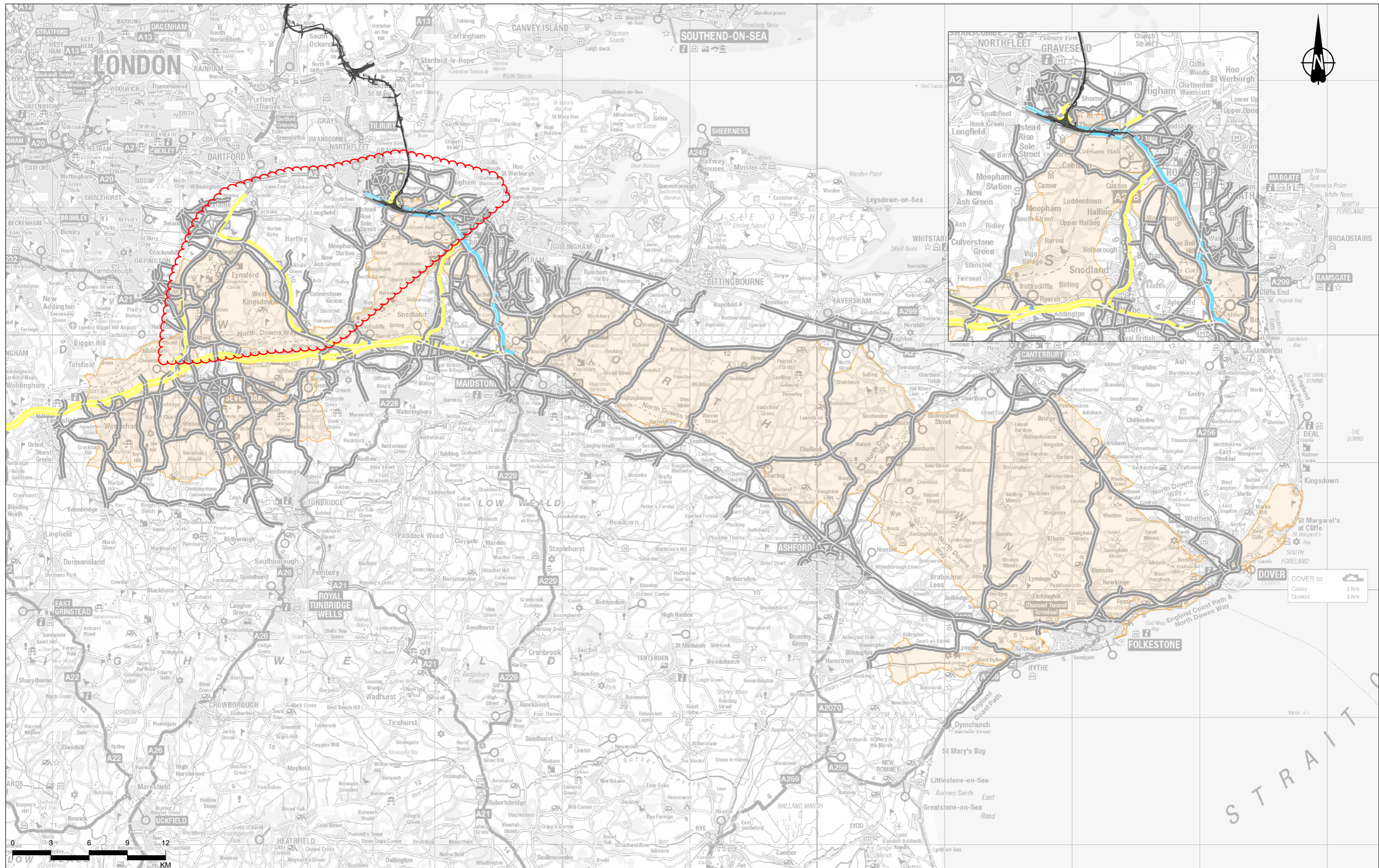
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by percentage PCUs during PM peak				
Page	Page 82 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				

Z:\Environment\Environmental Statement\07\_Landscape\Appendix 7-11 AONB Assessment\HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126 - 7\_20\_1\_apr





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

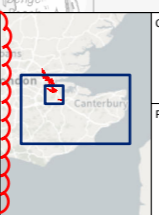
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 7**

- Below -100
- 99 to -50
- 49 to -25
- 24 to -6
- 5 to +5
- +6 to +25
- +26 to +50
- +51 to +100
- Over +100

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

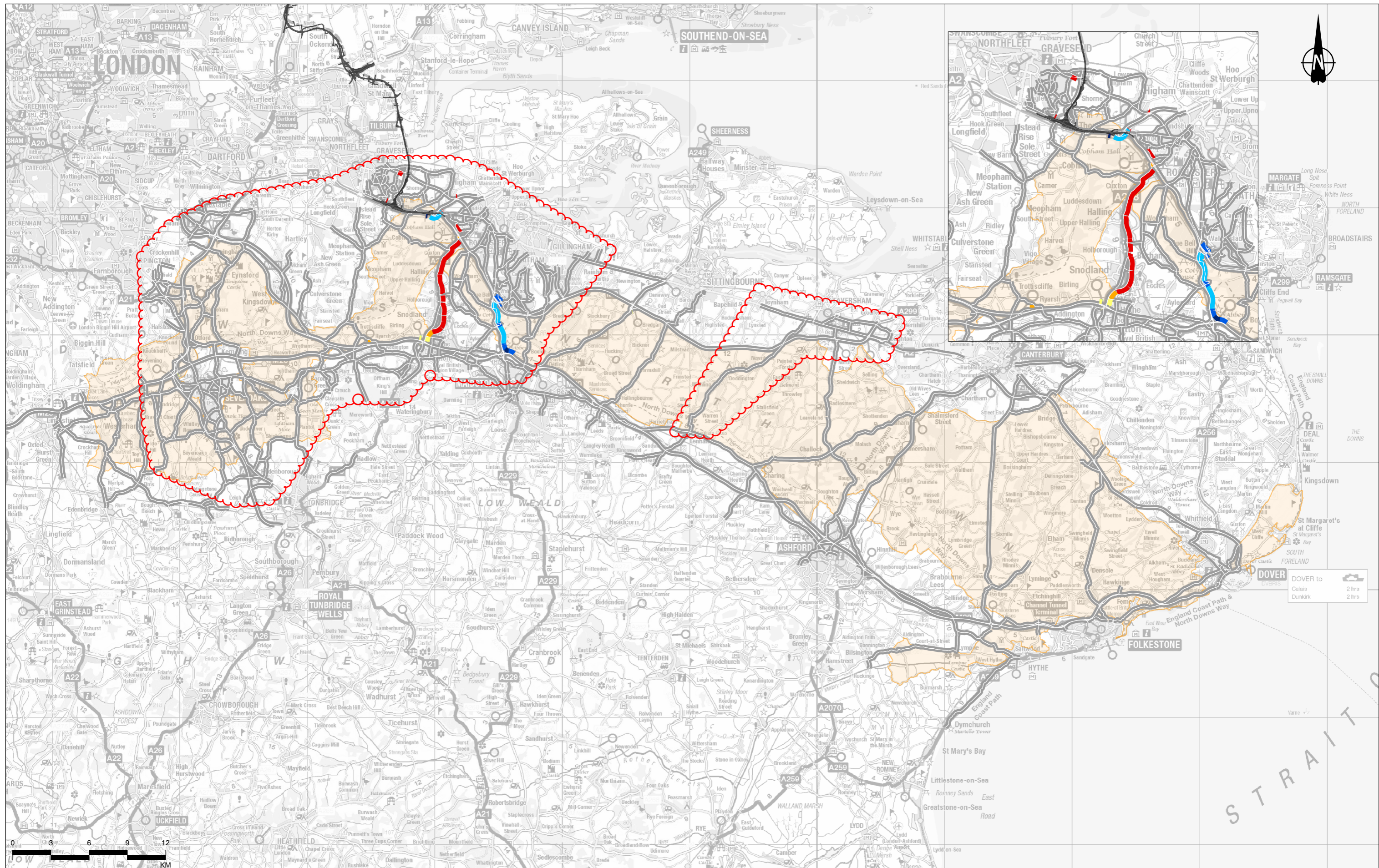


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by number of HGVs during PM peak				
Page	Page 83 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 7**

- 40% to -20%
- 20% to -10%
- 10% to +10% (or change + 5 vehicles)
- +10% to +20%
- +20% to +40%
- Over +40%
- Below -40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)



Client

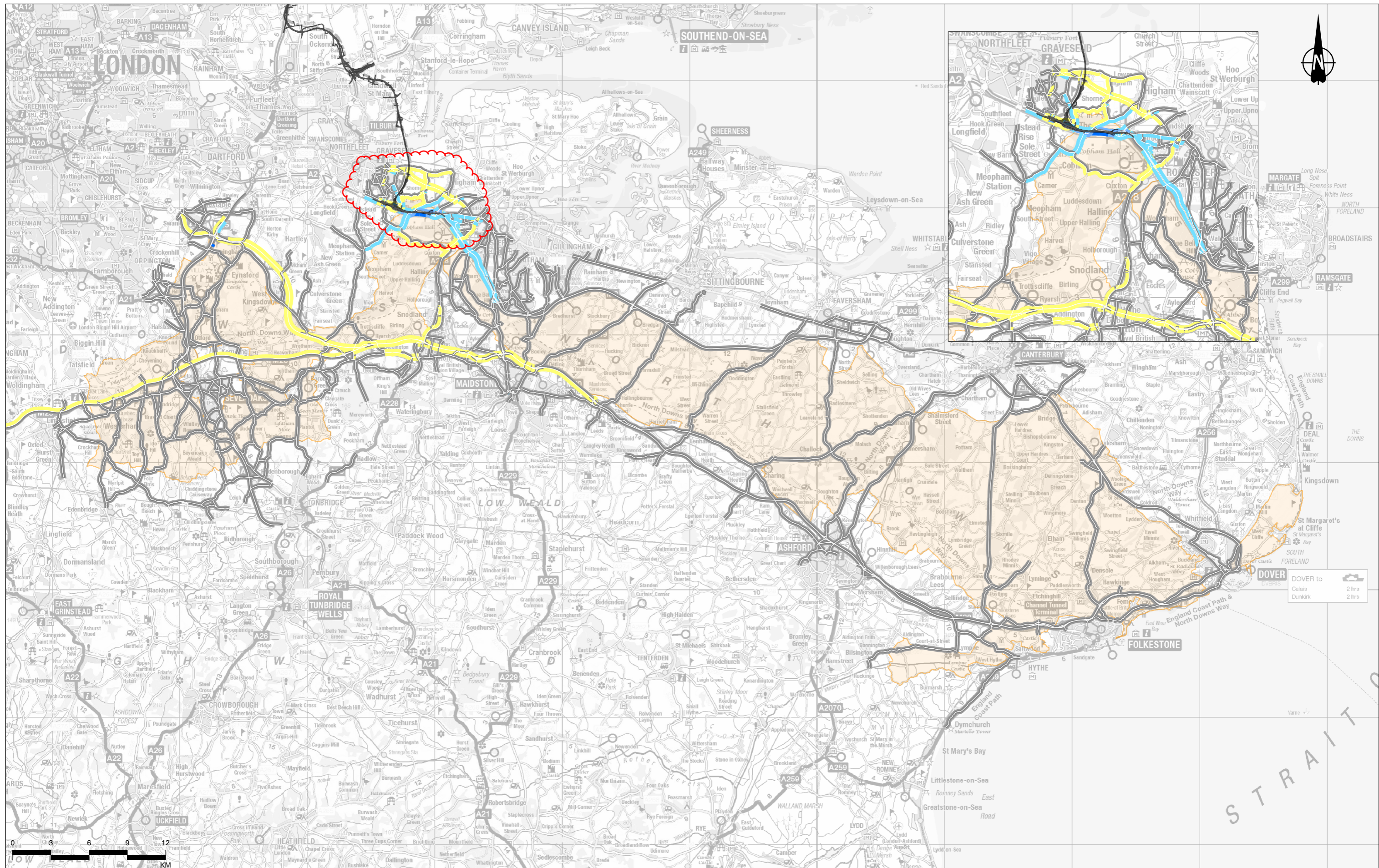
national highways

Project

**LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 7 by percentage HGVs during PM peak				
Page	Page 84 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

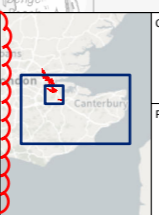
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 8**

- -749 to -500
- -499 to -250
- -249 to -50
- -49 to +50
- +51 to +250
- +251 to +500
- +501 to +750
- Over +751
- Below -750

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

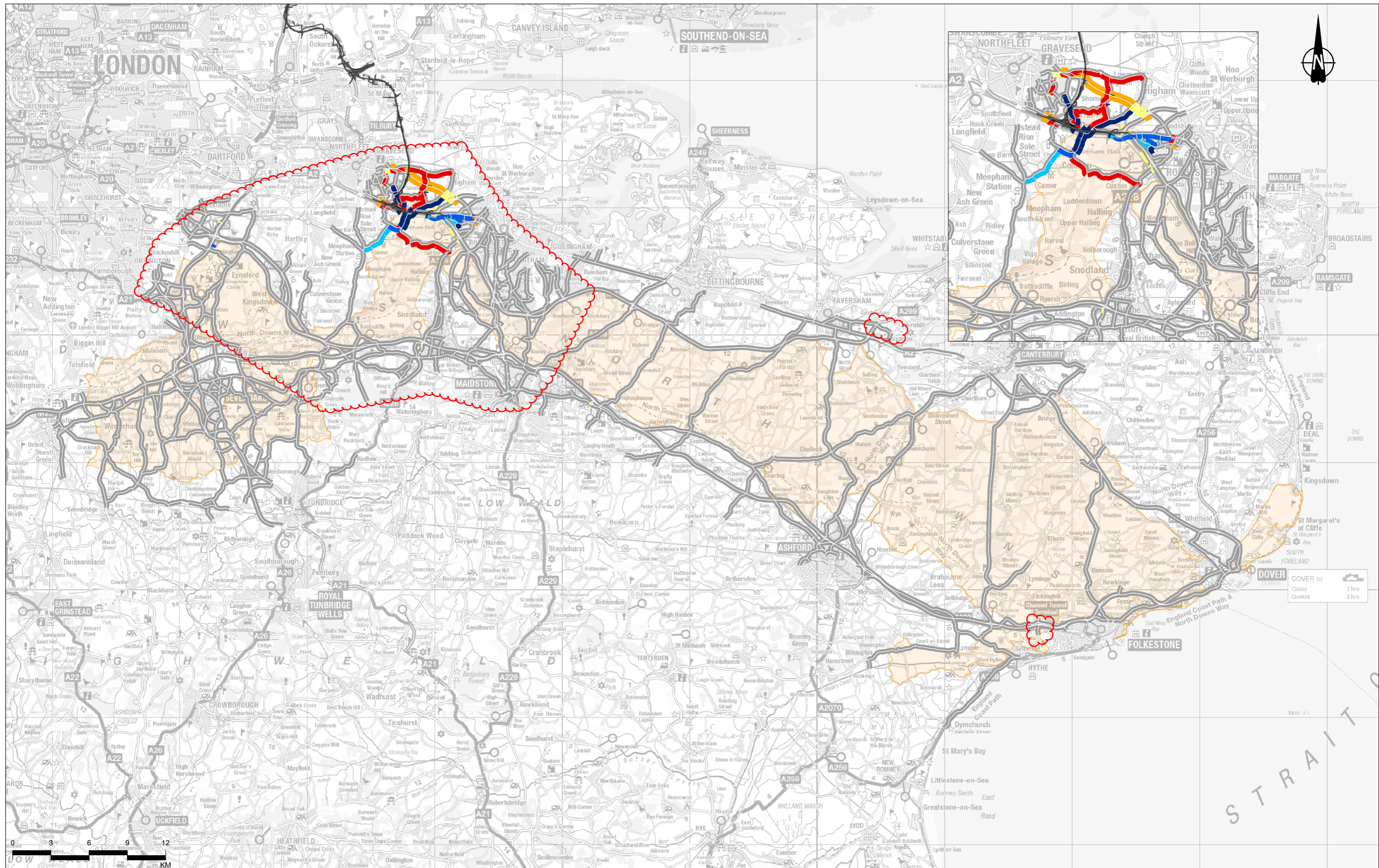


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by number of PCUs during AM peak				
Page	Page 85 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 8**

- 40% to -20%
- 20% to -10%
- 10% to +10% (or change less than 50 PCUs)
- +10% to +20%
- +20% to +40%
- Over +40%
- Below -40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

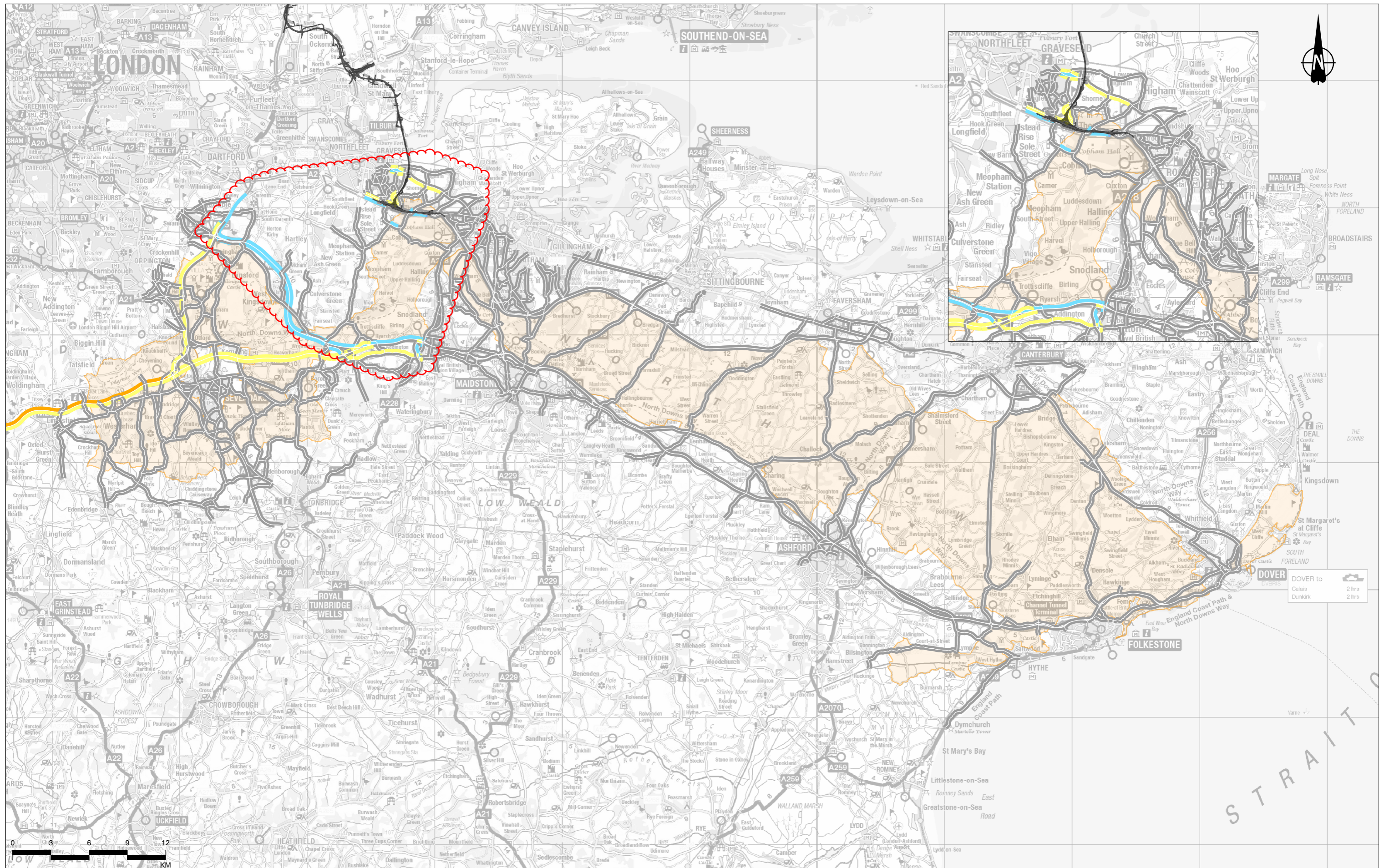
Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by percentage PCUs during AM peak				
Page	Page 86 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				

2:\Environment\Environmental\Statement\07\_Landscape\Appendix 7-11 AONB Assessment\HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126 - 7\_20\_1\_apr





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 8**

- Below -100
- 99 to -50
- 49 to -25
- 24 to -6
- 5 to +5
- +6 to +25
- +26 to +50
- +51 to +100
- Over +100

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		

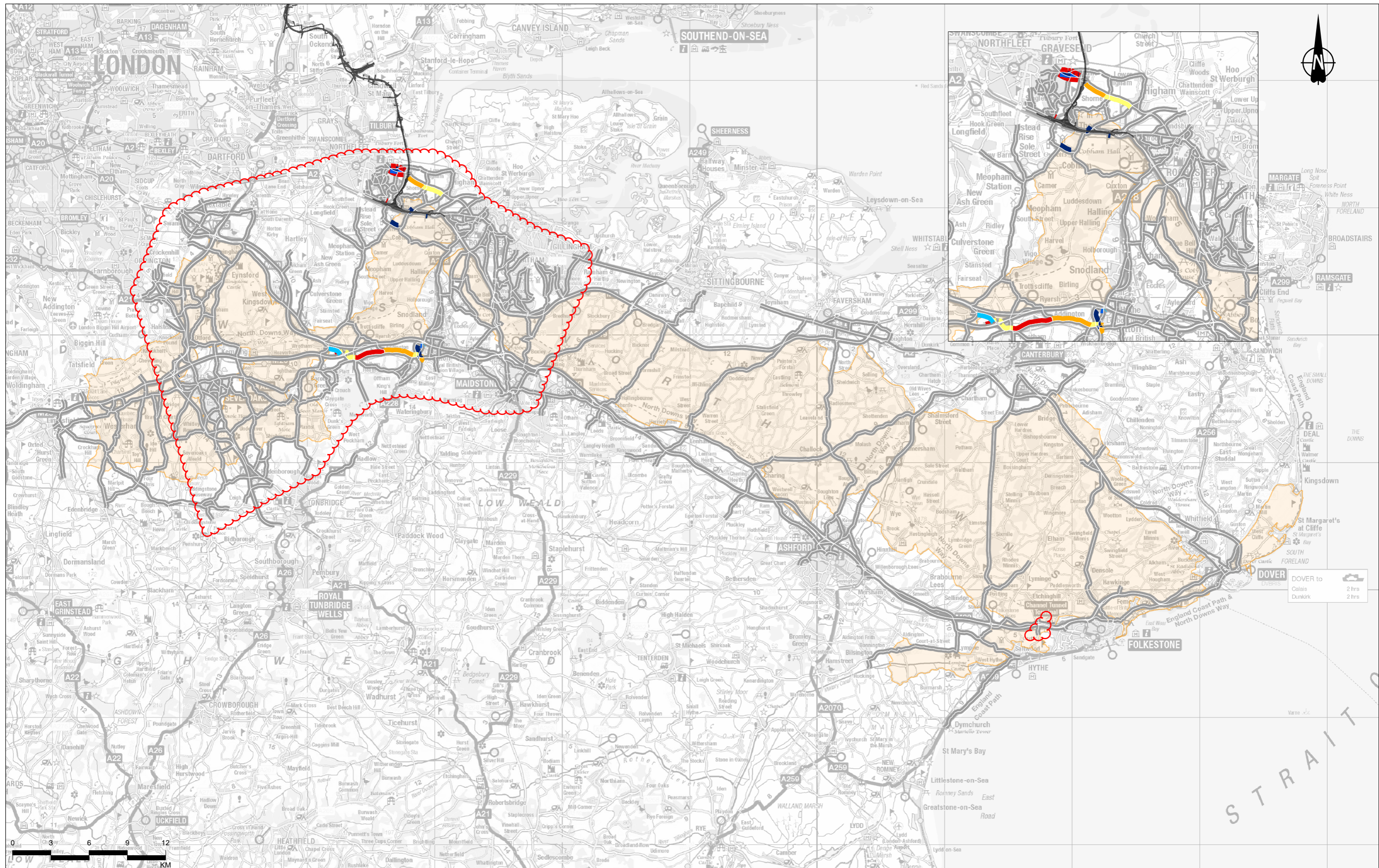
Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by number of HGVs during AM peak

Page 87 of 132

Drawing Number: HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126

Z:\Environment\Environmental Statement\07\_Landscape\Appendix 7-11 AONB Assessment\HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126-7\_20\_1\_apr





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 8**

- 40% to -20%
- 20% to -10%
- 10% to +10% (or change + 5 vehicles)
- +10% to +20%
- +20% to +40%
- Over +40%
- Below -40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

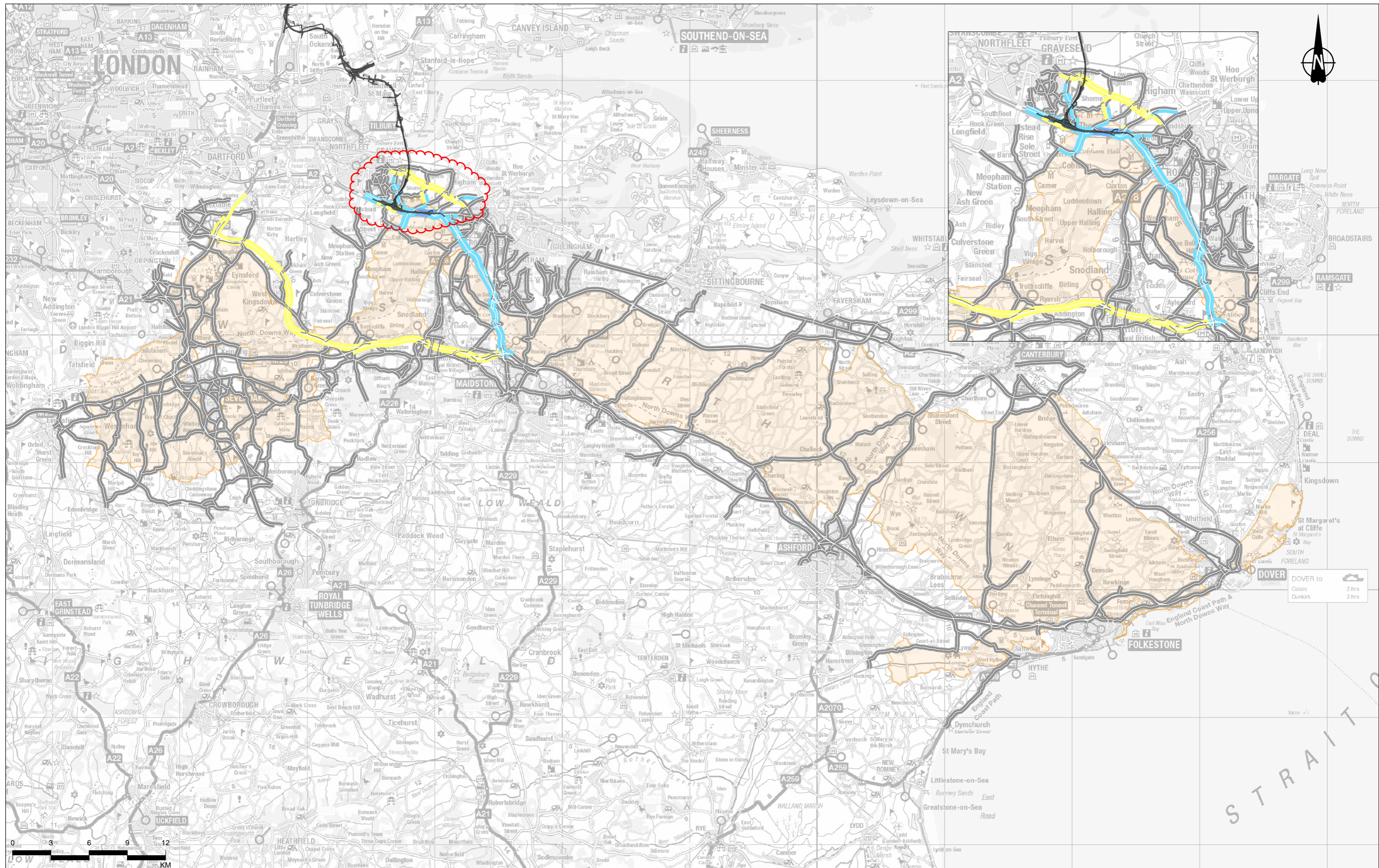


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by percentage HGVs during AM peak				
Page	Page 88 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

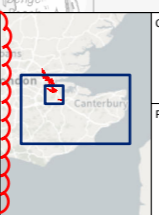
P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route
- Construction change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 8
- Below -750
- 749 to -500
- 499 to -250
- 249 to -50
- 49 to +50
- +51 to +250
- +251 to +500
- +501 to +750
- Over +751

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

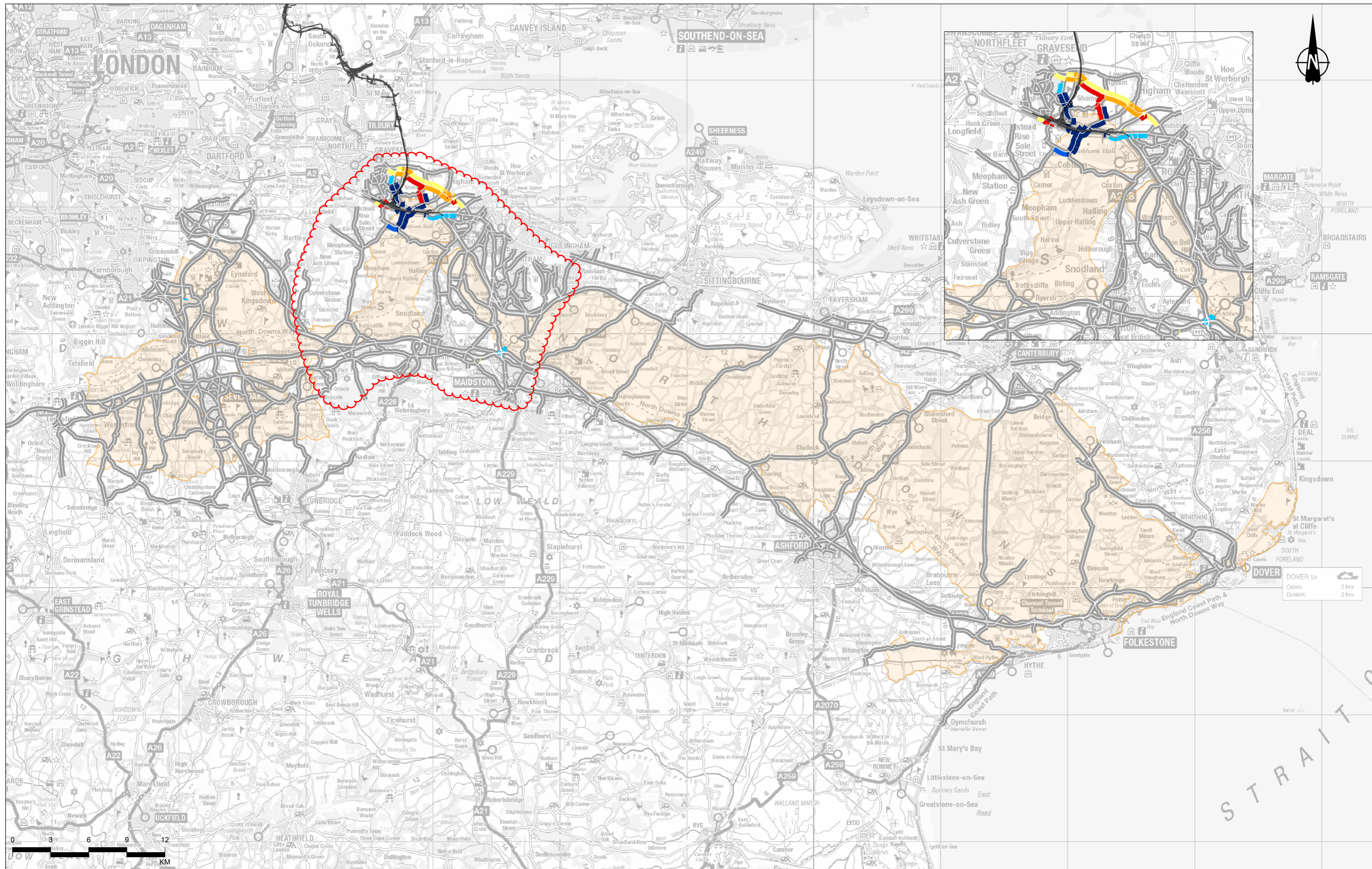


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by number of PCUs during inter peak				
Page	Page 89 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

— Kent Downs Area of Outstanding Natural Beauty

— Project route

**Construction percentage change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 8**

- Below -40%
- -40% to -20%
- -20% to -10%
- -10% to +10% (or change less than 50 PCUs)
- +10% to +20%
- +20% to +40%
- Over +40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)



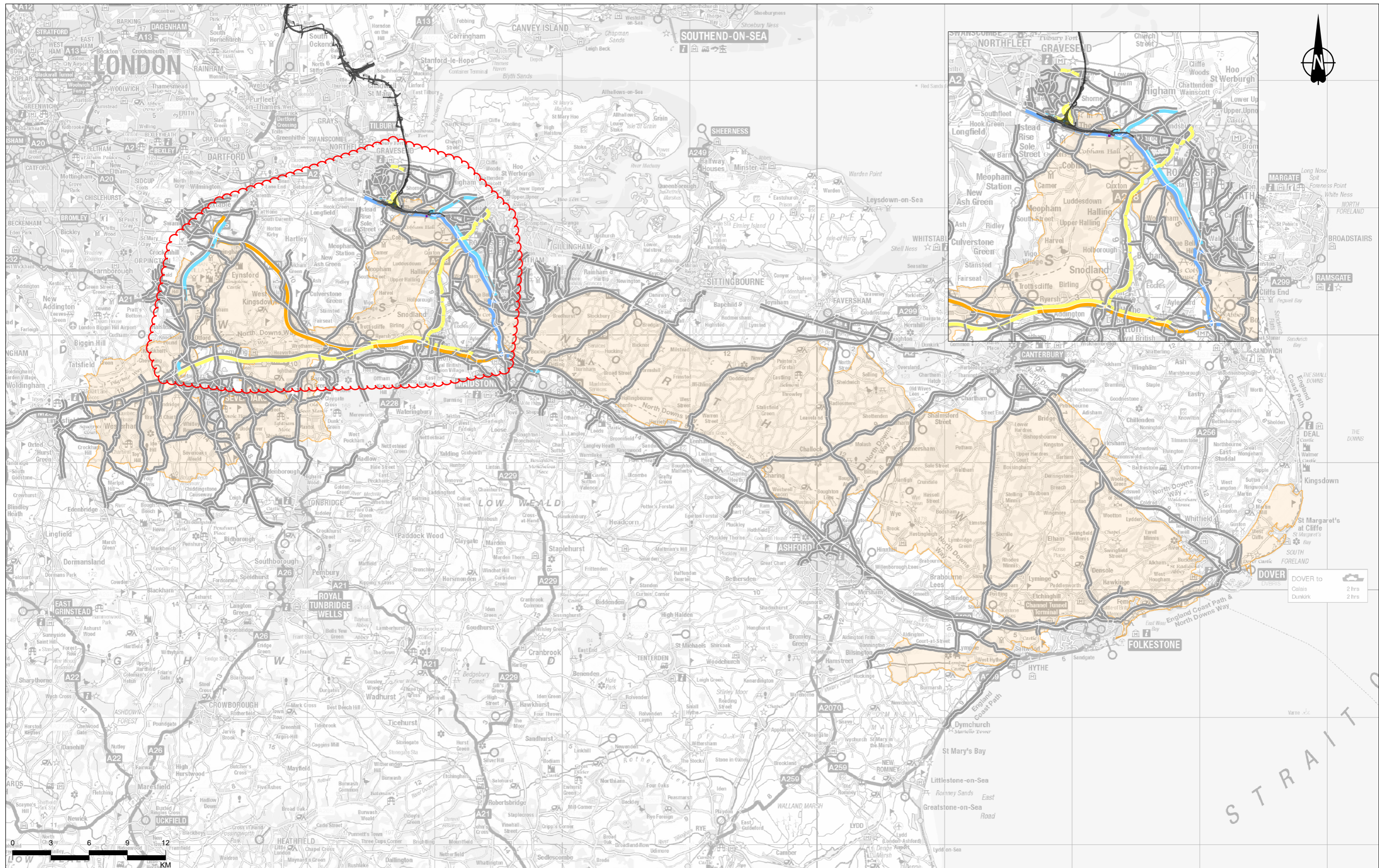
Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic Effects on Kent Downs AONB During Construction Phase 8 by Percentage PCUs During Inter Peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				

Page 90 of 132





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

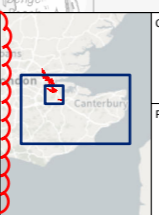
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 8**

- Below -100
- 99 to -50
- 49 to -25
- 24 to -6
- 5 to +5
- +6 to +25
- +26 to +50
- +51 to +100
- Over +100

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

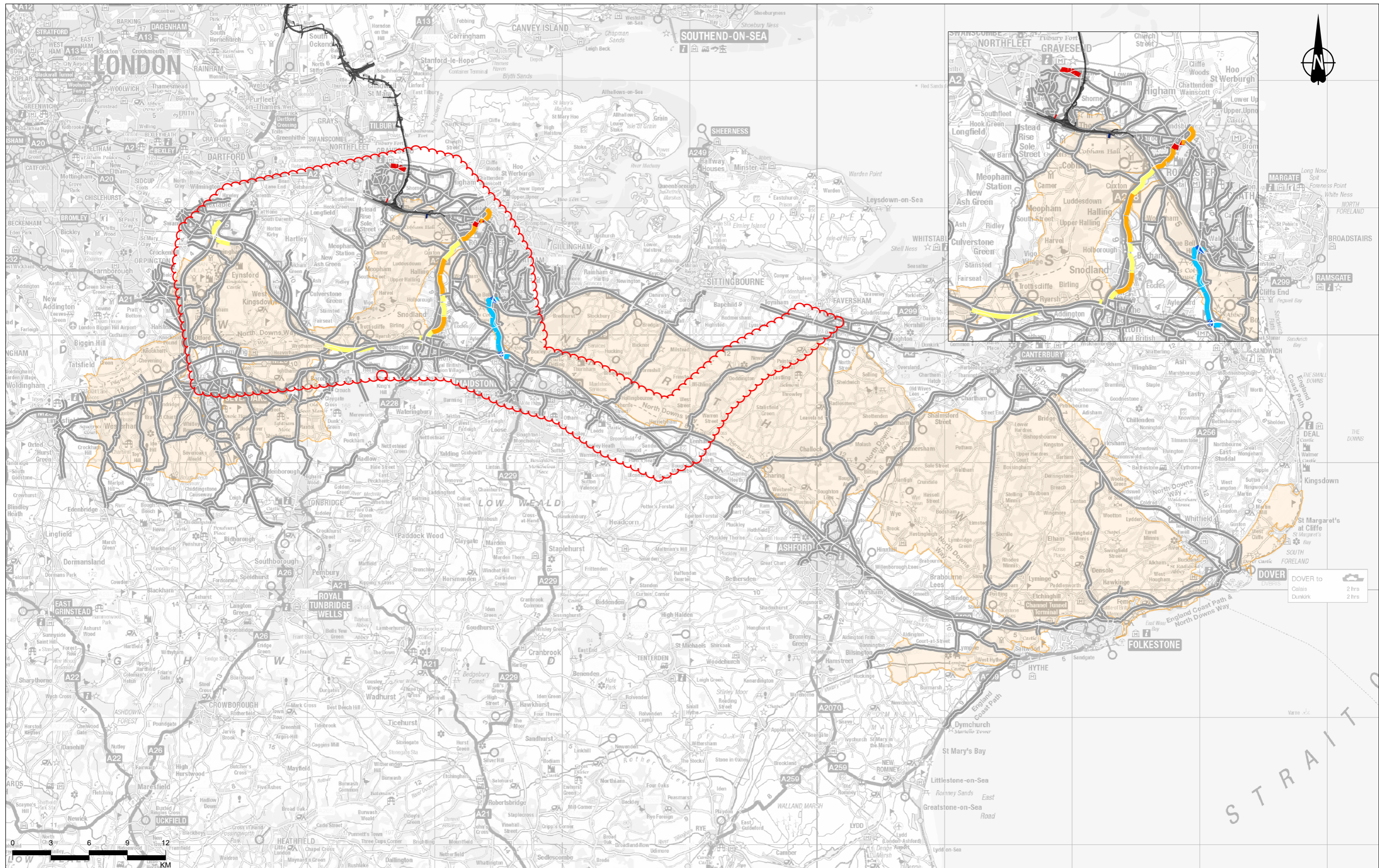


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by number of HGVs during inter peak				
Page	Page 91 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 8**

- Below -40%
- 40% to -20%
- 20% to -10%
- 10% to +10% (or change + 5 vehicles)
- +10% to +20%
- +20% to +40%
- Over +40%

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

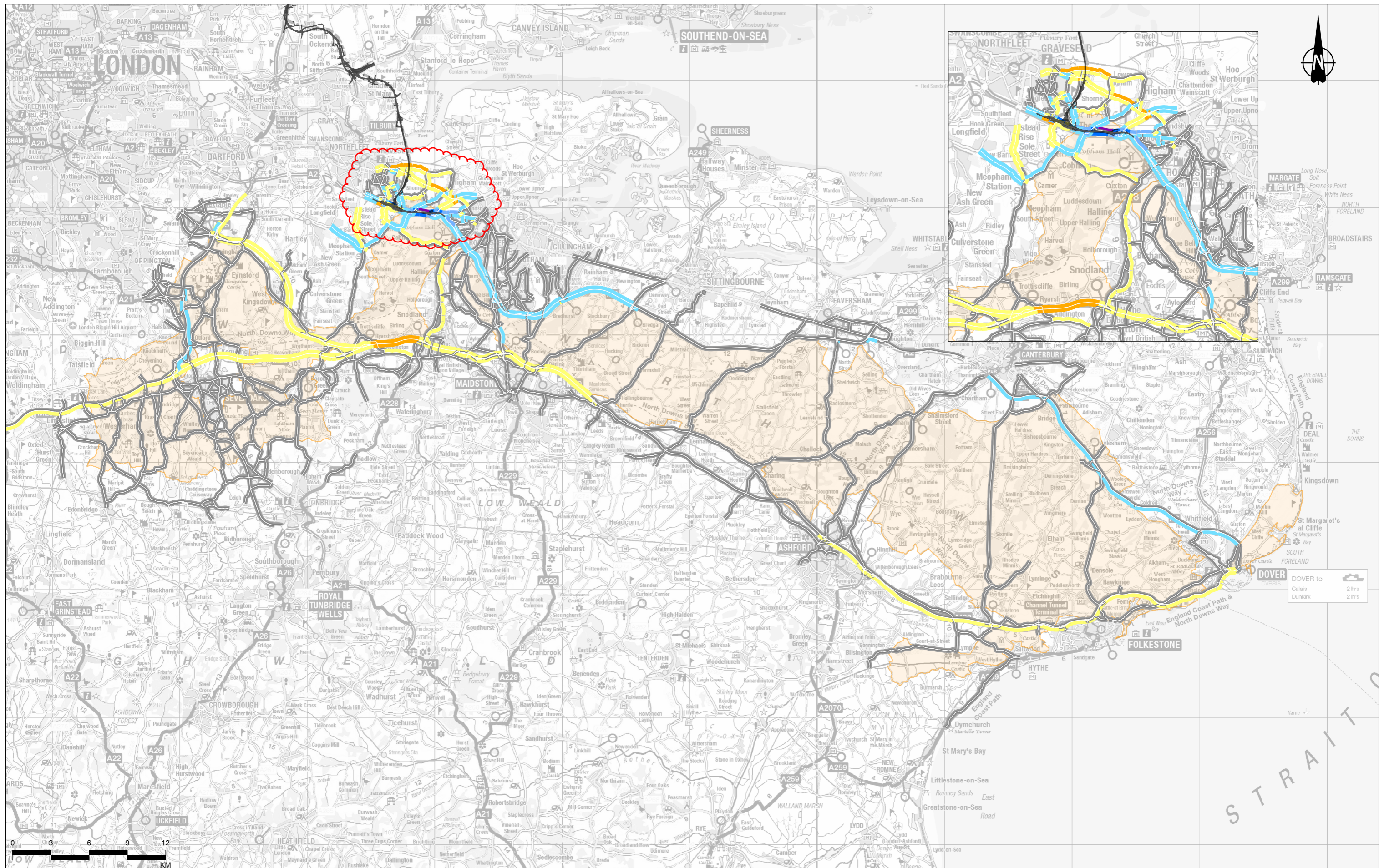


Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by percentage HGVs during inter peak				
Page	Page 92 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 8**

- -749 to -500
- -499 to -250
- -249 to -50
- -49 to +50
- +51 to +250
- +251 to +500
- +501 to +750
- Over +751
- Below -750

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status: **PINS SUBMISSION**

Application Document Number: **TR010032/APP/6.3**

Drawing Title: **Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by number of PCUs during PM peak**

Page 93 of 132

Drawing Number: **HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126**

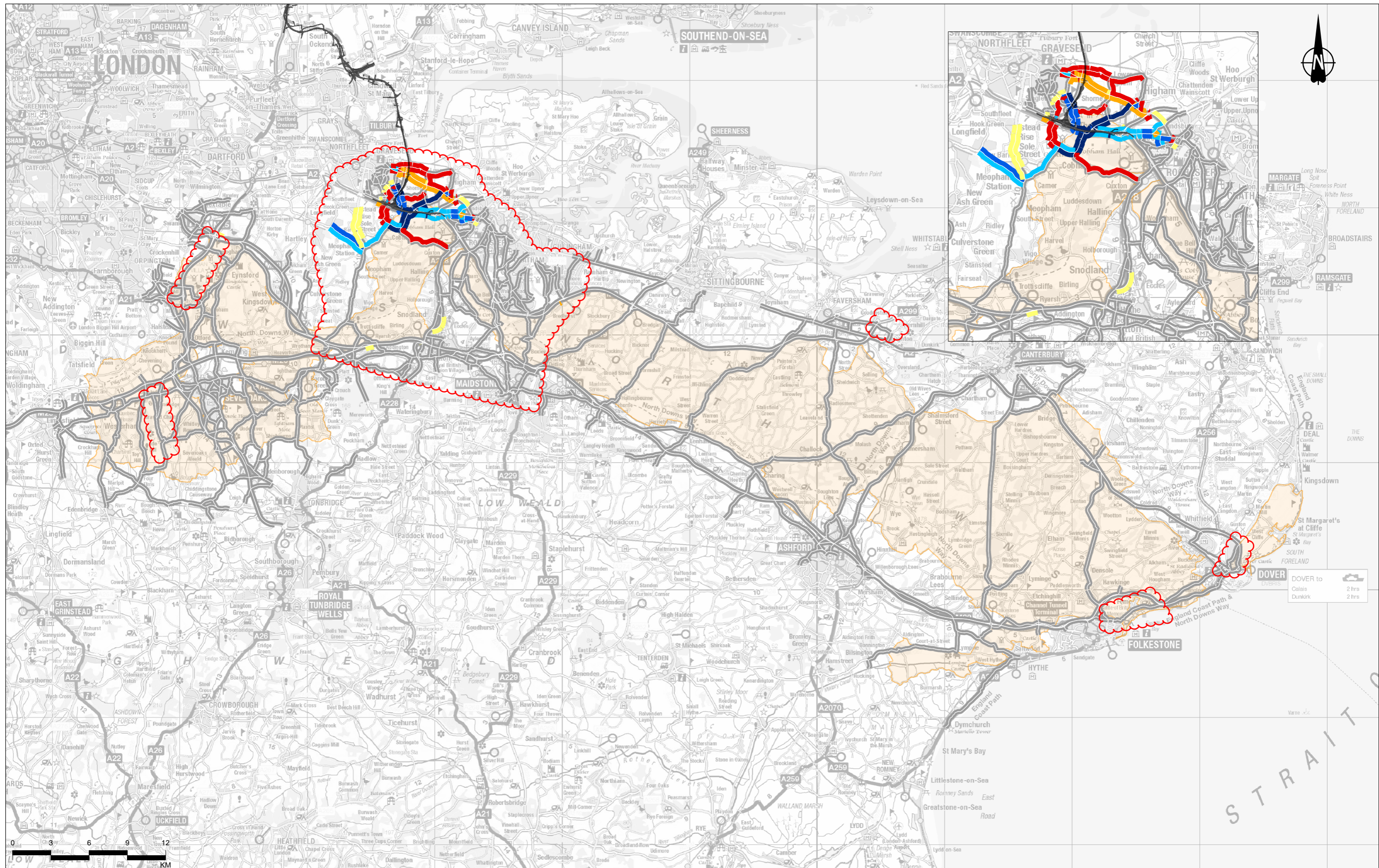
Original Size: **A3**

Revision: **P02**

Scale: **1:270,000**

2:\Environment\Environmental Statement\07\_Landscape\Appendix 7-11 AONB Assessment\HE540039-CJV-ELS-SZP\_EGNE0000000-DR-LE-50126-7\_20\_1\_apr





**Legend**  
 Kent Downs Area of Outstanding Natural Beauty  
 Project route

**Construction percentage change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 8**

Blue	-40% to -20%	Yellow	+10% to +20%
Light Blue	-20% to -10%	Orange	+20% to +40%
Grey	-10% to +10% (or change less than 50 PCUs)	Red	Over +40%
Dark Blue	Below -40%		

**Notes:**  
 1. PCUs = Passenger Car Units  
 2. HGVs = Heavy Goods Vehicles  
 3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

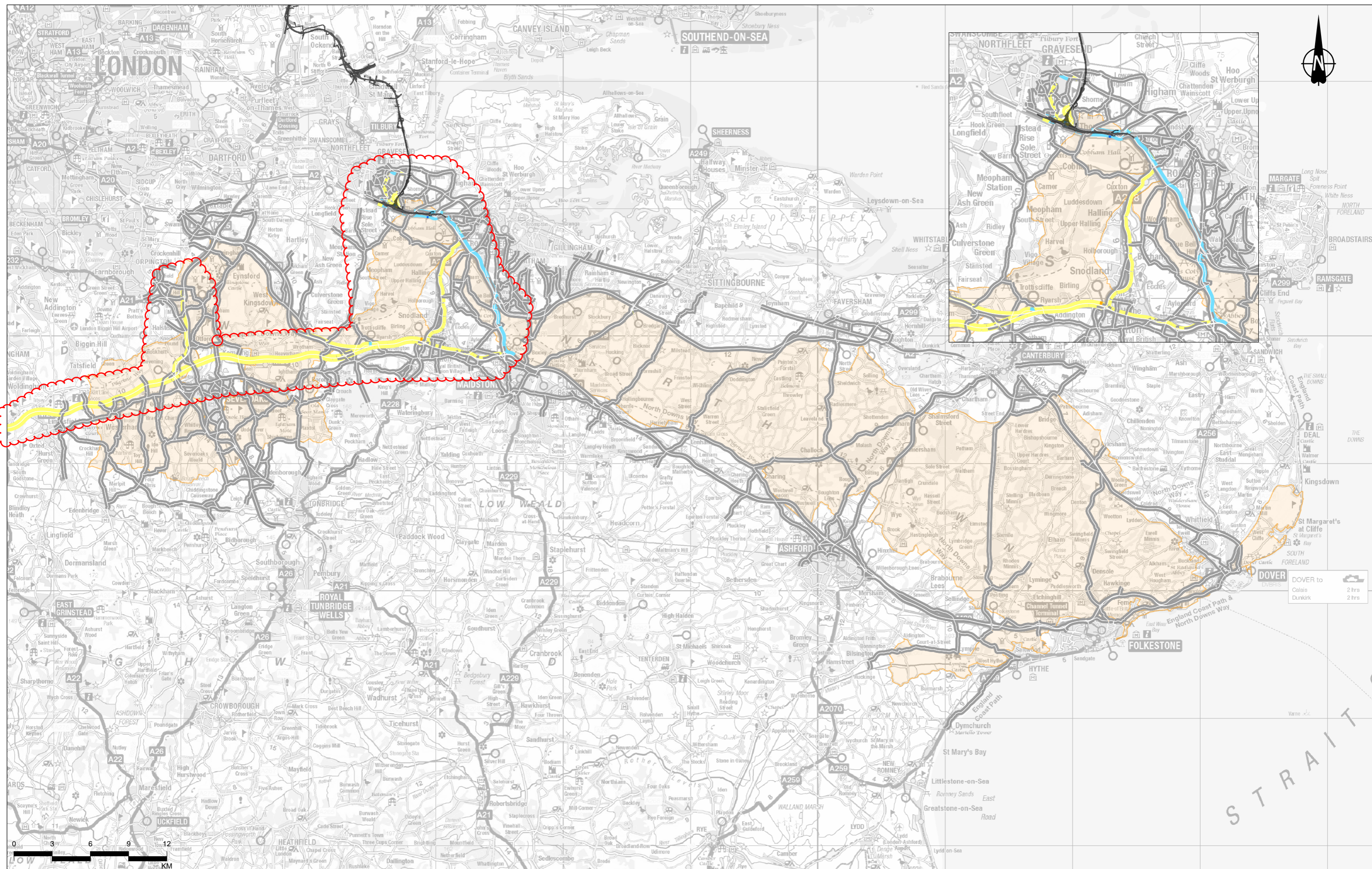


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by percentage PCUs during PM peak				
Page	Page 94 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649

P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

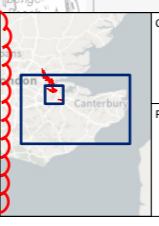
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 8**

- 99 to -50
- 49 to -25
- 24 to -6
- 5 to +5
- +6 to +25
- +26 to +50
- +51 to +100
- Over +100
- Below -100

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

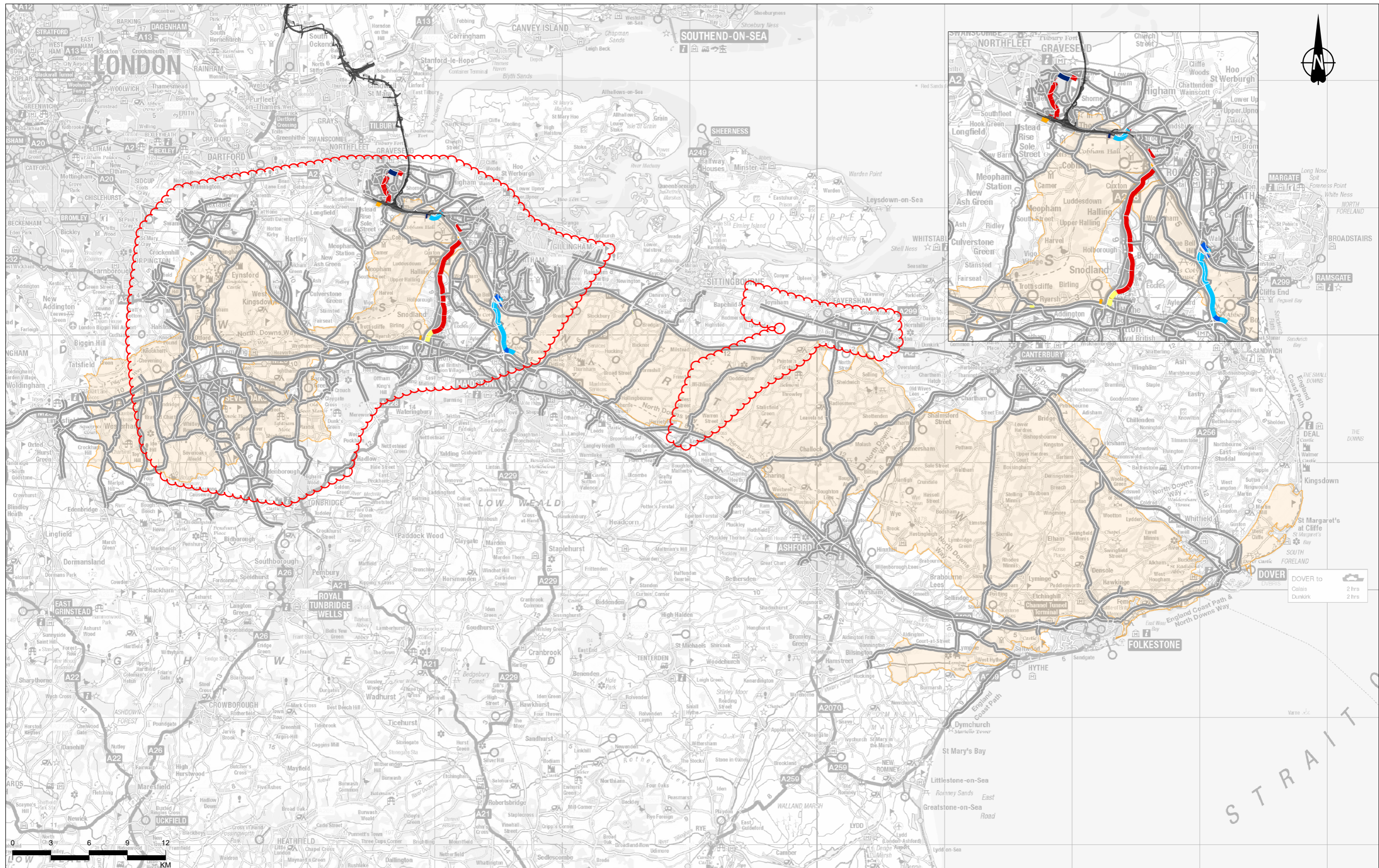


Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by number of HGVs during PM peak				
Page	Page 95 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





**Legend**  
 Kent Downs Area of Outstanding Natural Beauty  
 Project route

**Construction percentage change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 8**  
 Below -40%  
 -40% to -20%  
 -20% to -10%  
 -10% to +10% (or change + 5 vehicles)  
 +10% to +20%  
 +20% to +40%  
 Over +40%

**Notes:**  
 1. PCUs = Passenger Car Units  
 2. HGVs = Heavy Goods Vehicles  
 3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)

Contains Ordnance Survey data. © Crown copyright and database rights 2022. Ordnance Survey 100030649						
P01	S8	10/11/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv



**LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 8 by percentage HGVs during PM peak				
Page	Page 96 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				



If you need help accessing this or any other National Highways information, please call **0300 123 5000** and we will help you.

© Crown copyright 2023.

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit [www.nationalarchives.gov.uk/doc/open-government-licence/](http://www.nationalarchives.gov.uk/doc/open-government-licence/)

write to the **Information Policy Team, The National Archives, Kew, London TW9 4DU**, or email [psi@nationalarchives.gsi.gov.uk](mailto:psi@nationalarchives.gsi.gov.uk).

Mapping (where present): © Crown copyright and database rights 2023 OS 100030649. You are permitted to use this data solely to enable you to respond to, or interact with, the organisation that provided you with the data. You are not permitted to copy, sub-license, distribute or sell any of this data to third parties in any form.

If you have any enquiries about this publication email [info@nationalhighways.co.uk](mailto:info@nationalhighways.co.uk) or call **0300 123 5000\***.

\*Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and must count towards any inclusive minutes in the same way as 01 and 02 calls. These rules apply to calls from any type of line including mobile, BT, other fixed line or payphone. Calls may be recorded or monitored.

Printed on paper from well-managed forests and other controlled sources when issued directly by National Highways.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ

National Highways Company Limited registered in England and Wales number 09346363