

## Lower Thames Crossing

### 6.2 Environmental Statement Figures Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction (2 of 6)

(Clean Version)

APFP Regulation 5(2)(a)

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

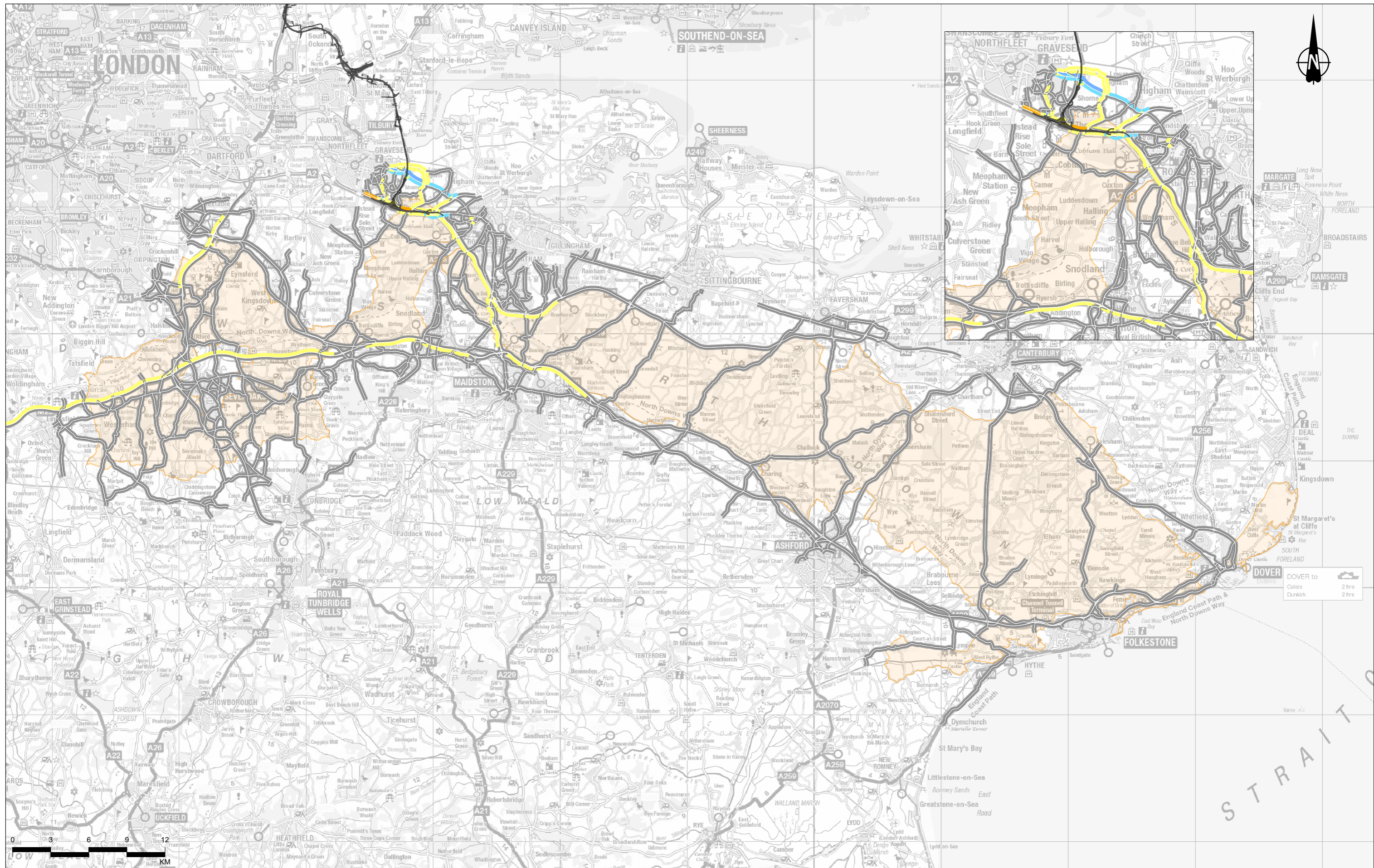
Volume 6

DATE: July 2023  
DEADLINE: 1

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

VERSION: 2.0





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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 3**

- 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)



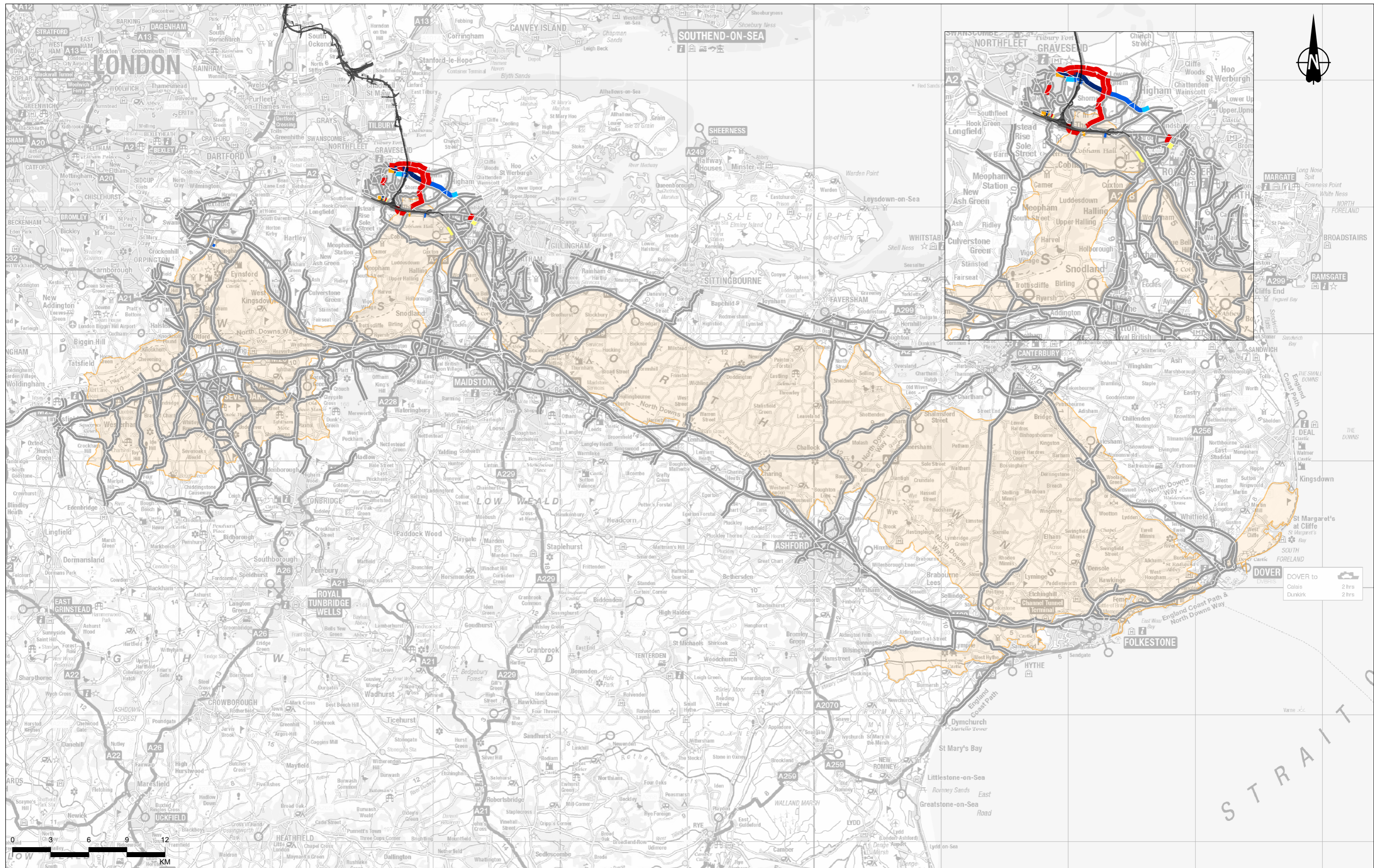
Client: **national highways**

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 3 by number of PCUs during AM peak					
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126					

Page 25 of 132





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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) AM peak CC49 v23 Do-Min to Phase 3**

- 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)

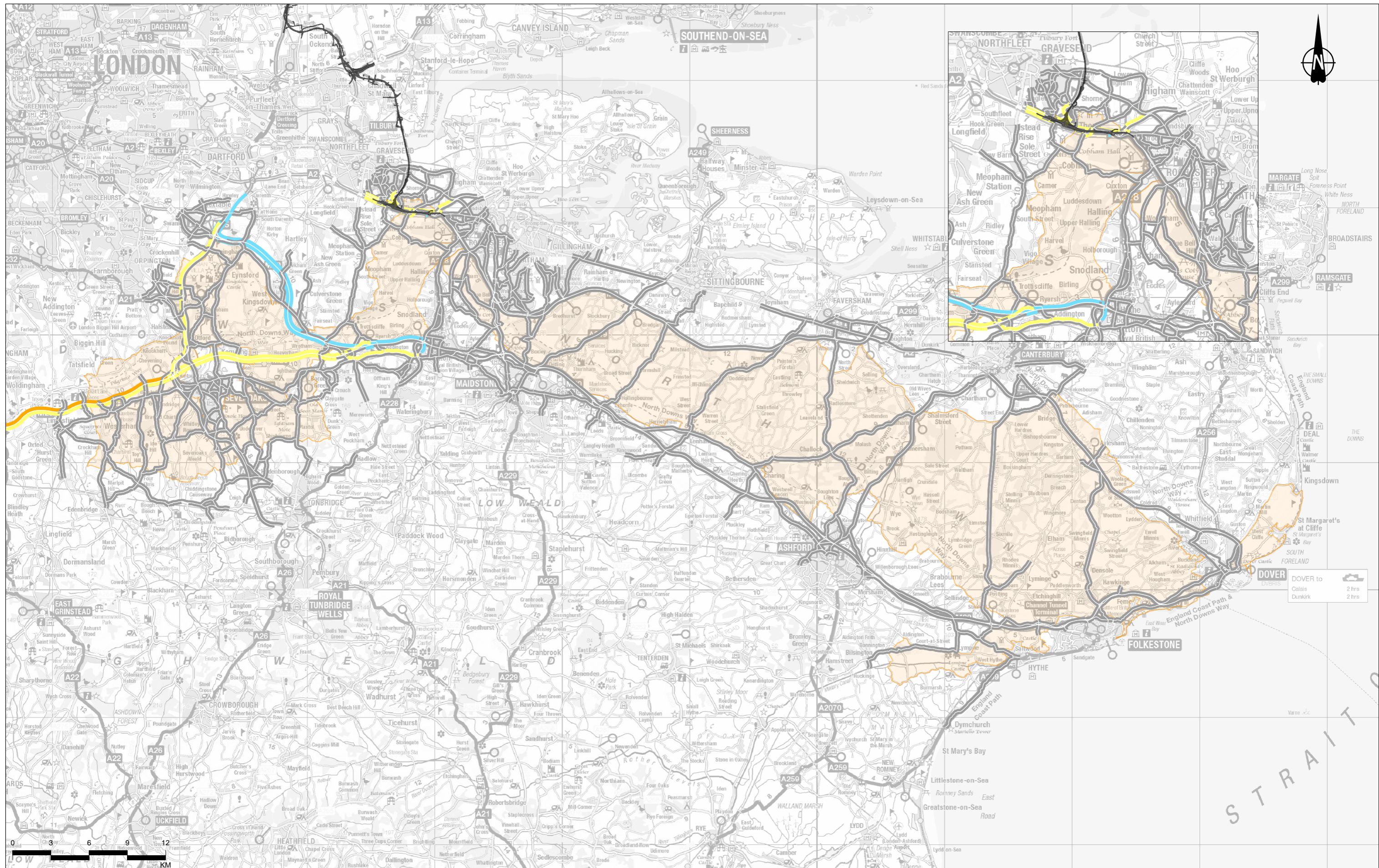


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Project: **LOWER THAMES CROSSING**

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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 3 by percentage PCUs during AM peak				
Page	Page 26 of 132				
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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 3**

- 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
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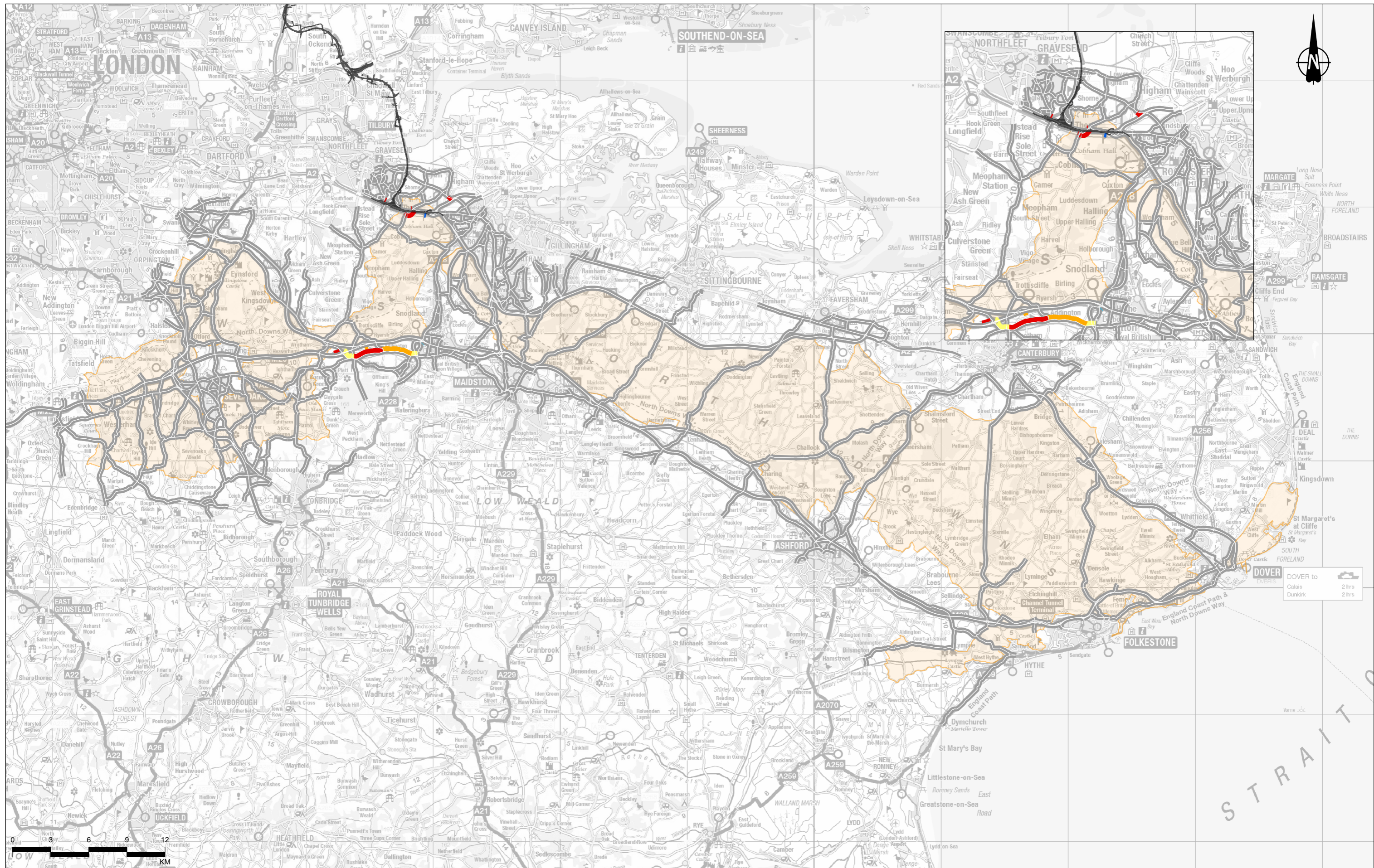


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Page 27 of 132					





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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 3**

- 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
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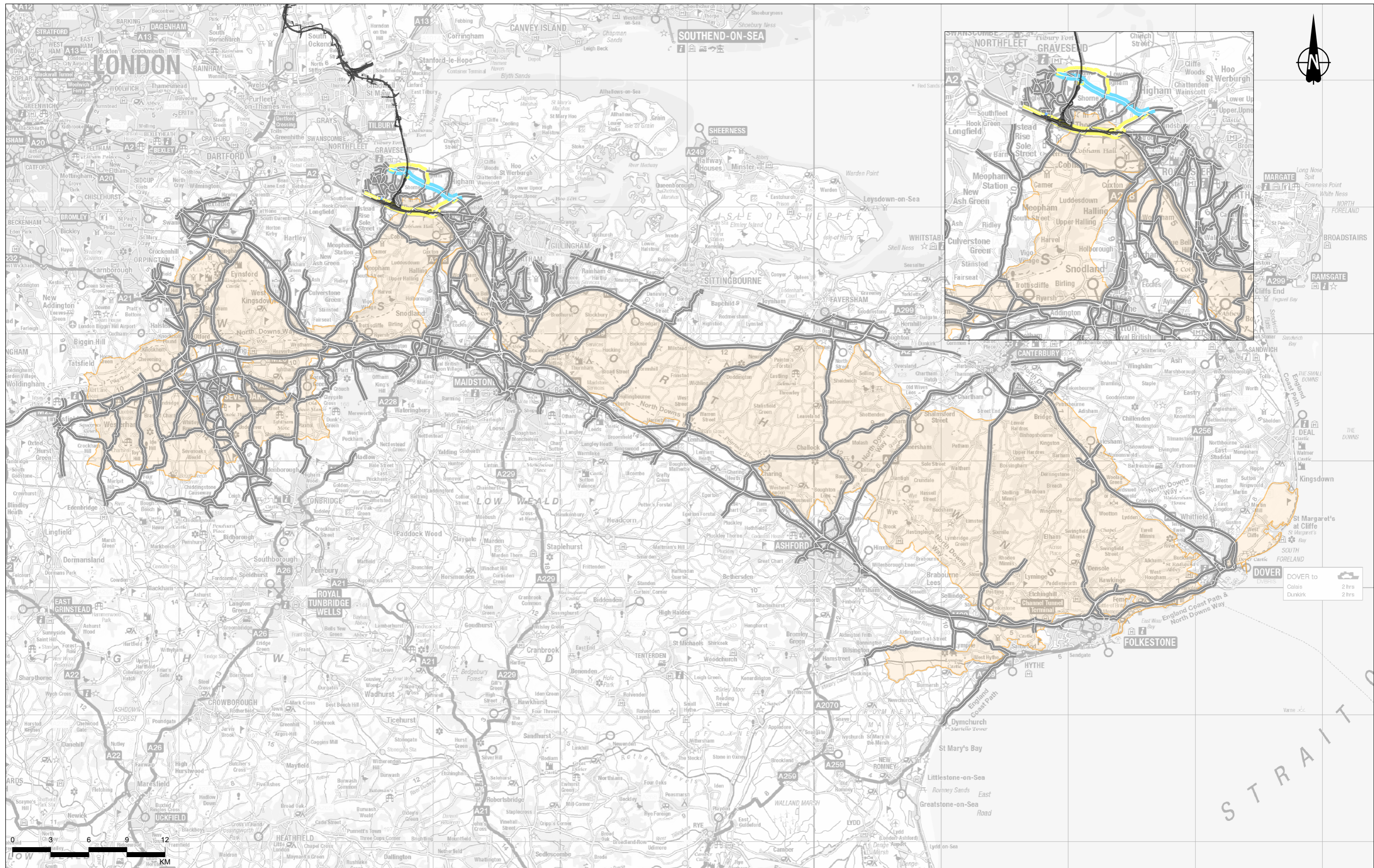


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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 3**

- 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
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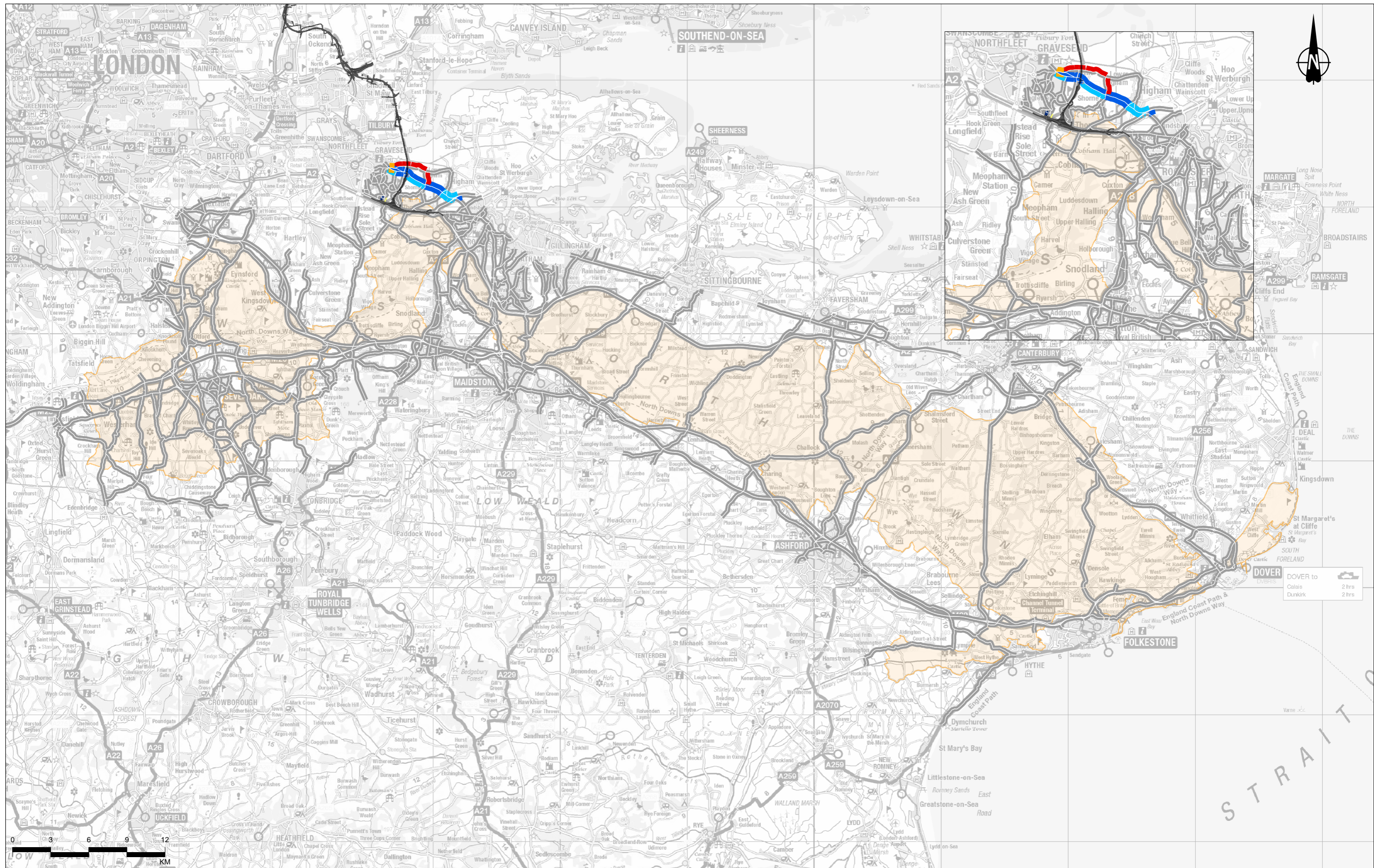


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**Legend**

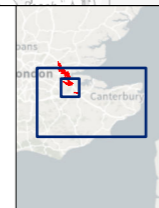
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**Construction percentage change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 3**

- 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:**

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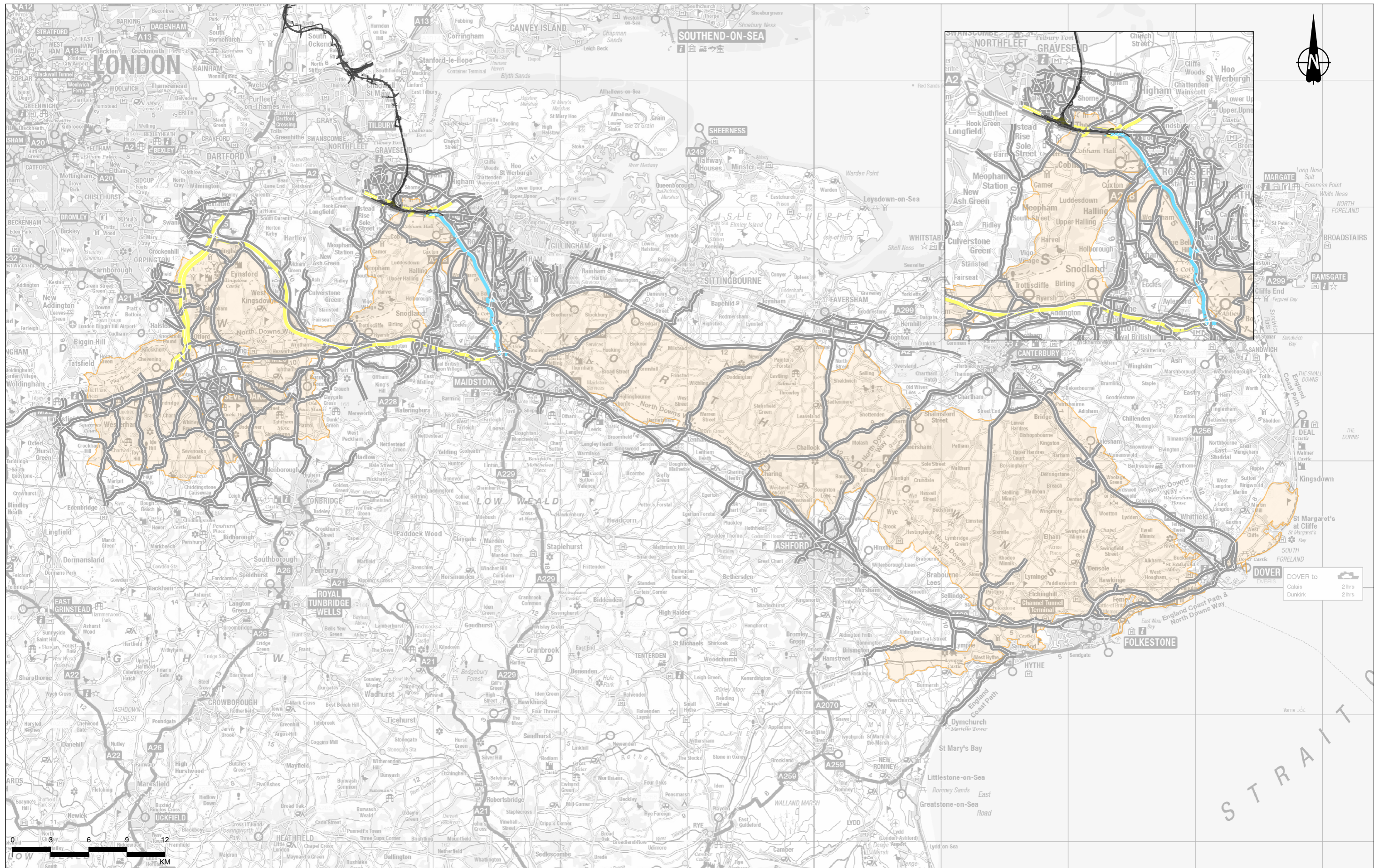


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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 3**

- 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)

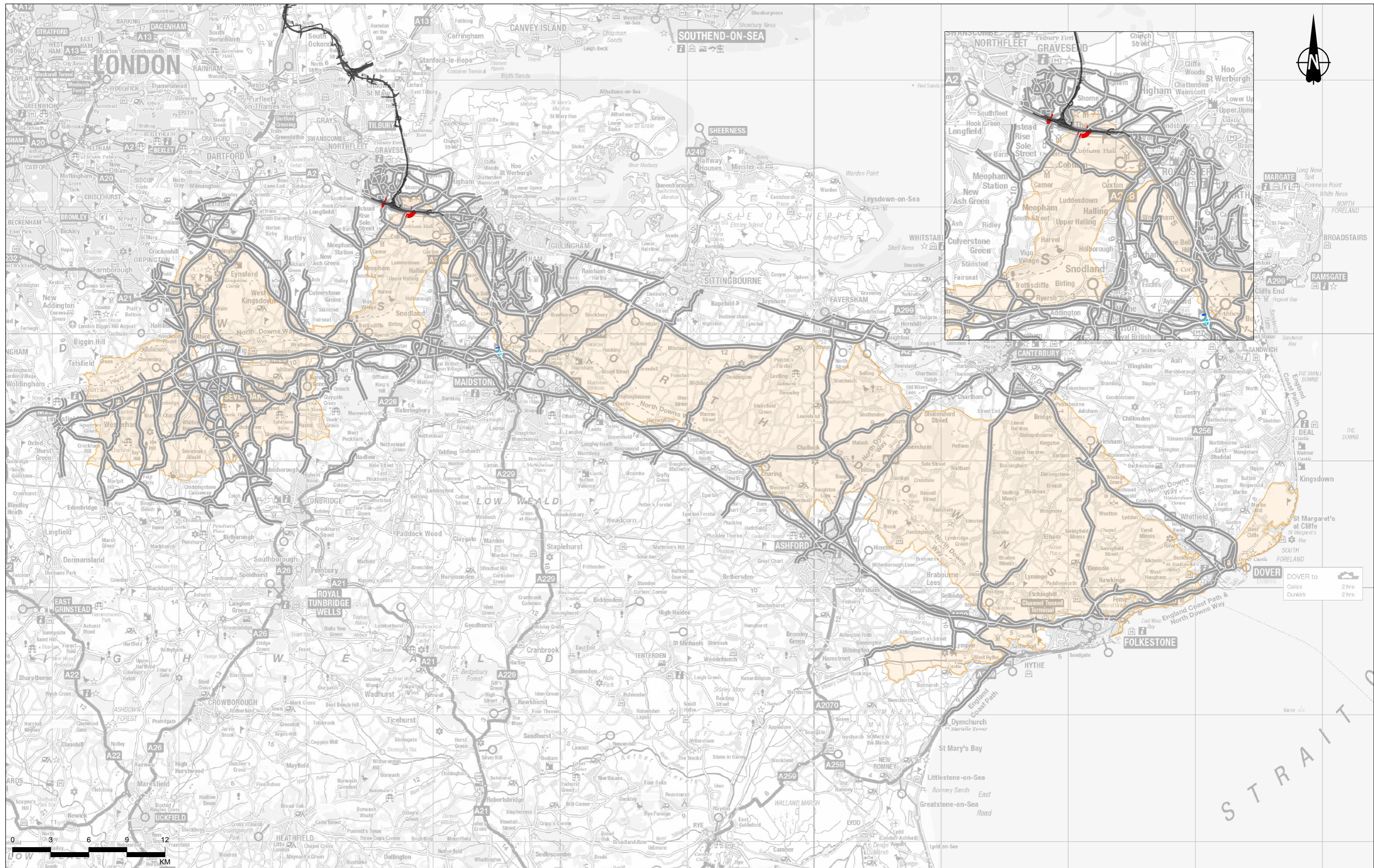


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Page 31 of 132					





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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 3**

- 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)

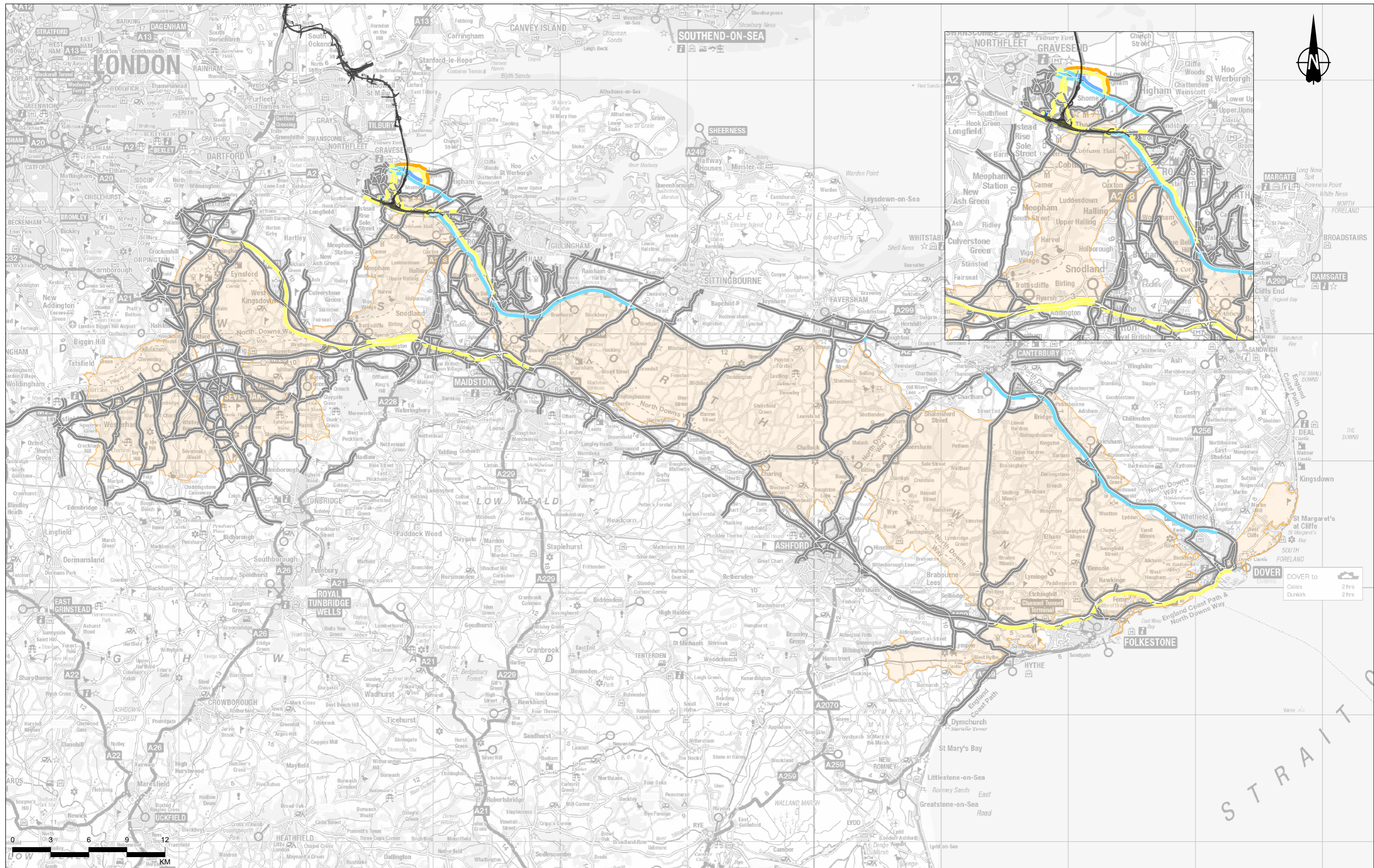


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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 3**

- 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)

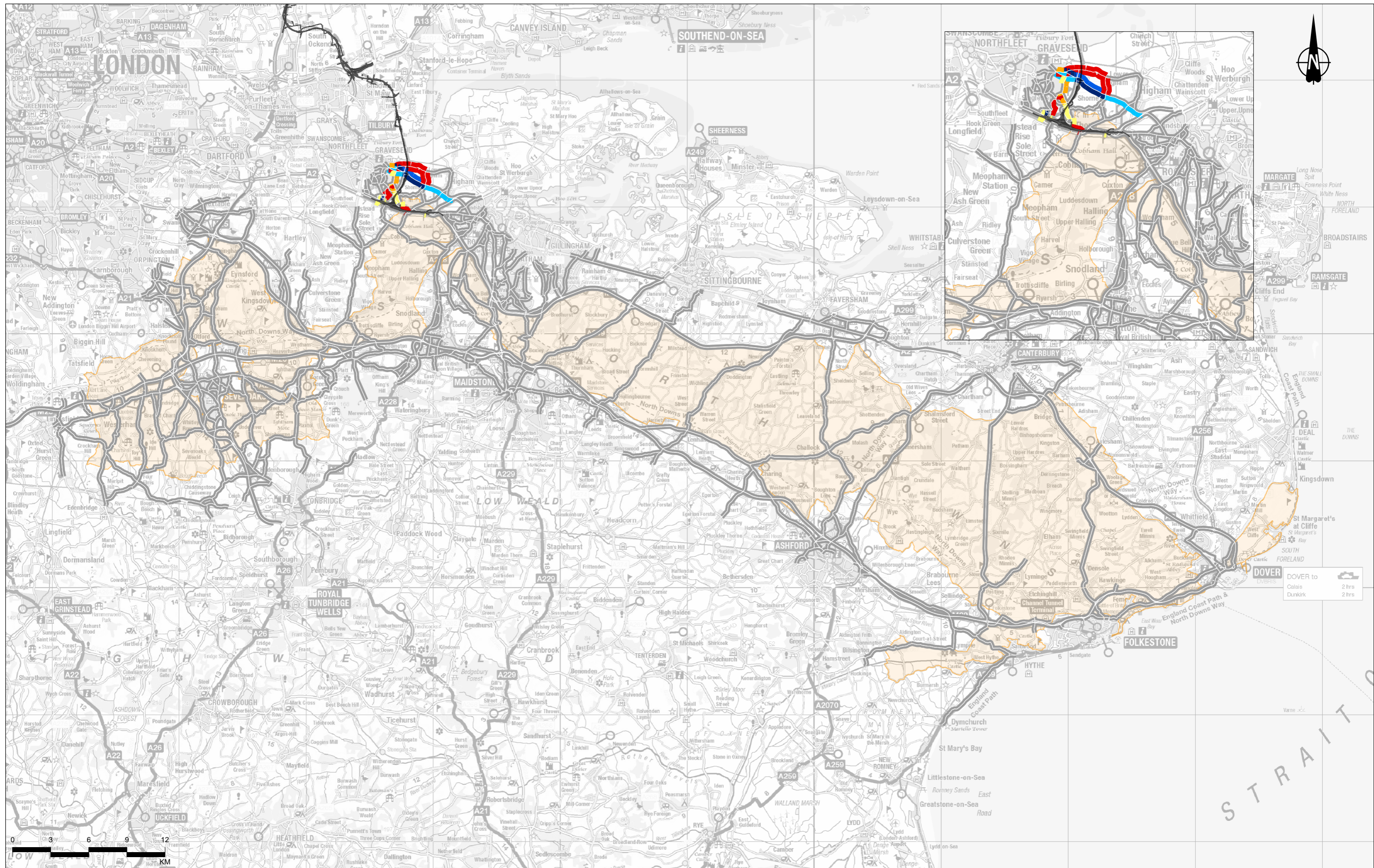


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Page 33 of 132					





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<b>Legend</b>	<b>Construction percentage change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 3</b>	<b>Notes:</b>
Kent Downs Area of Outstanding Natural Beauty	-40% to -20%	1. PCUs = Passenger Car Units
Project route	-20% to -10%	2. HGVs = Heavy Goods Vehicles
	-10% to +10% (or change less than 50 PCUs)	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)
	+10% to +20%	
	+20% to +40%	
	Over +40%	

Notes:  
 1. PCUs = Passenger Car Units  
 2. HGVs = Heavy Goods Vehicles  
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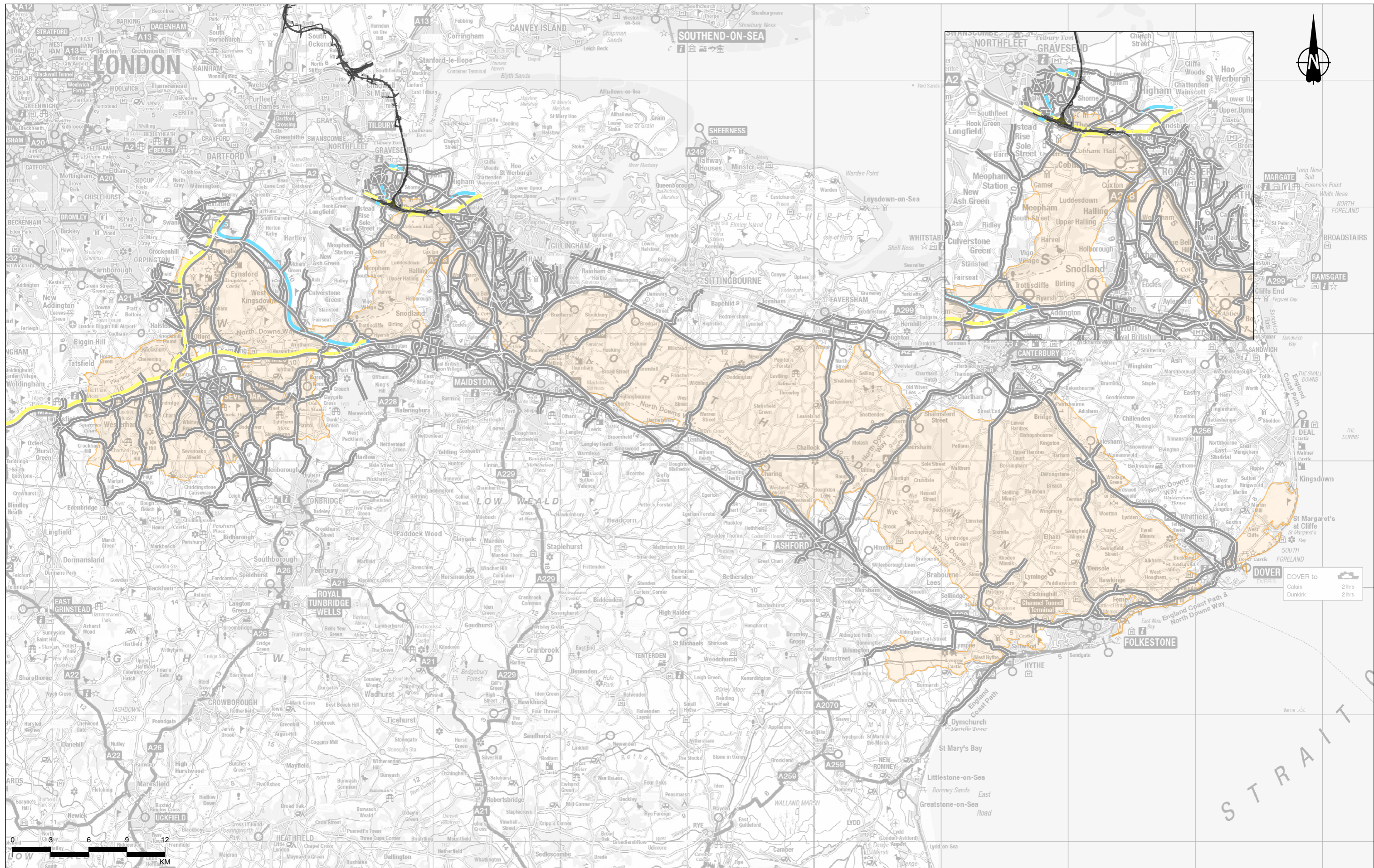


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HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126					





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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 3**

- 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)

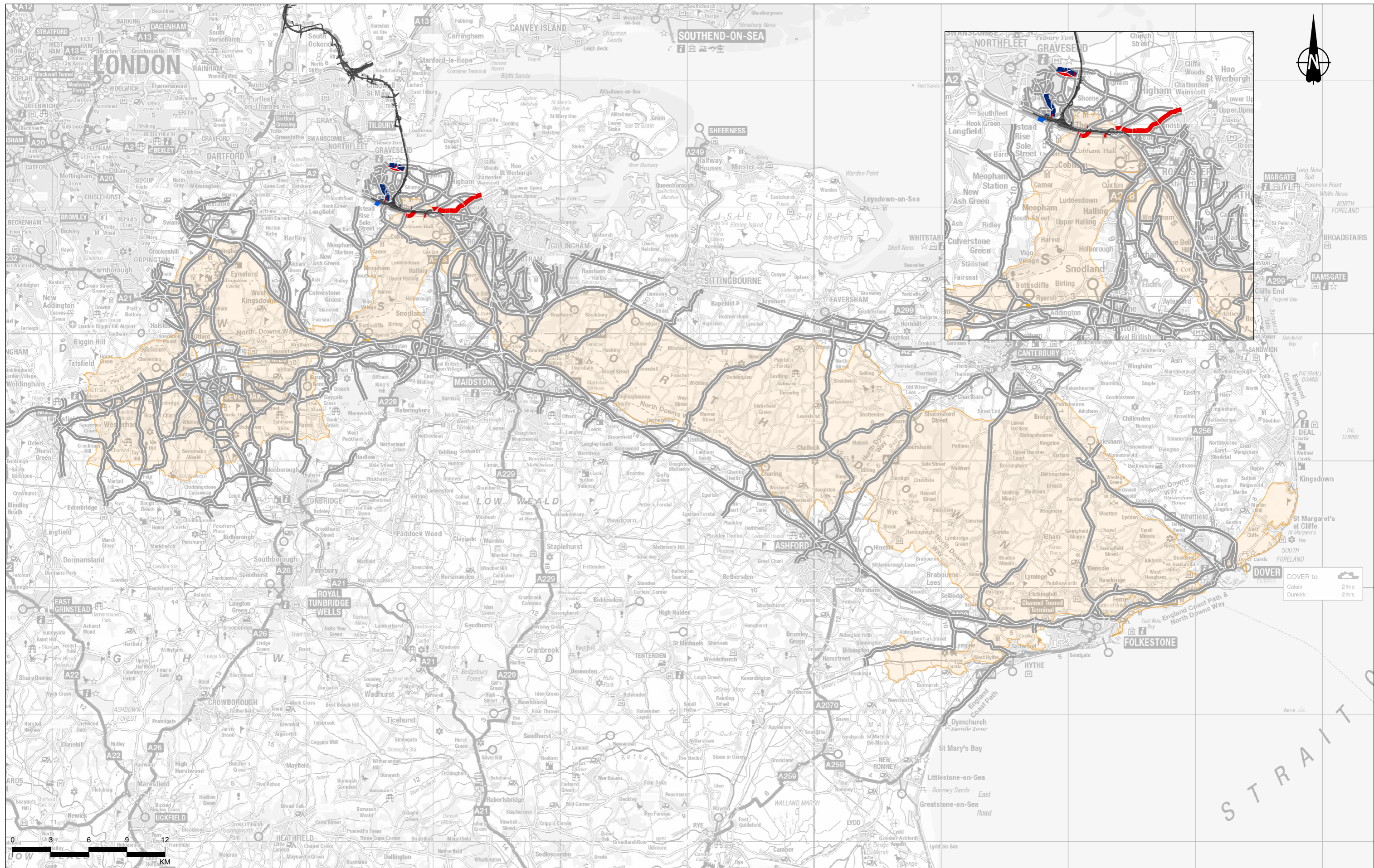


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Legend		Construction percentage change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 3	
	Kent Downs Area of Outstanding Natural Beauty		-40% to -20%
	Project route		-20% to -10%
			+10% to +20%
			+20% to +40%
			Below -40%
			-10% to +10% (or change + 5 vehicles)
			Over +40%

Notes:  
 1. PCUs = Passenger Car Units  
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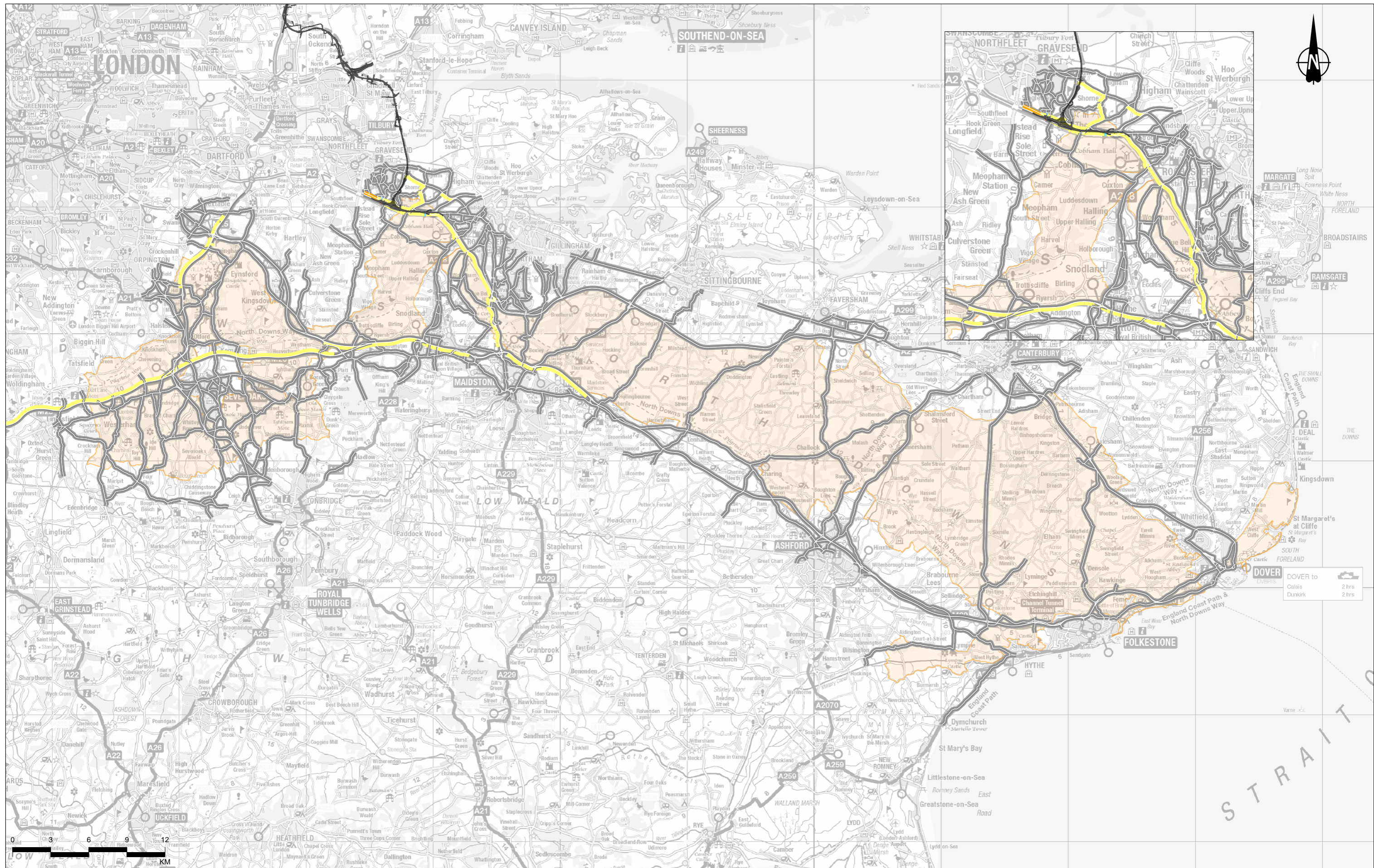


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Page 36 of 132					





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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 4**

- 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)

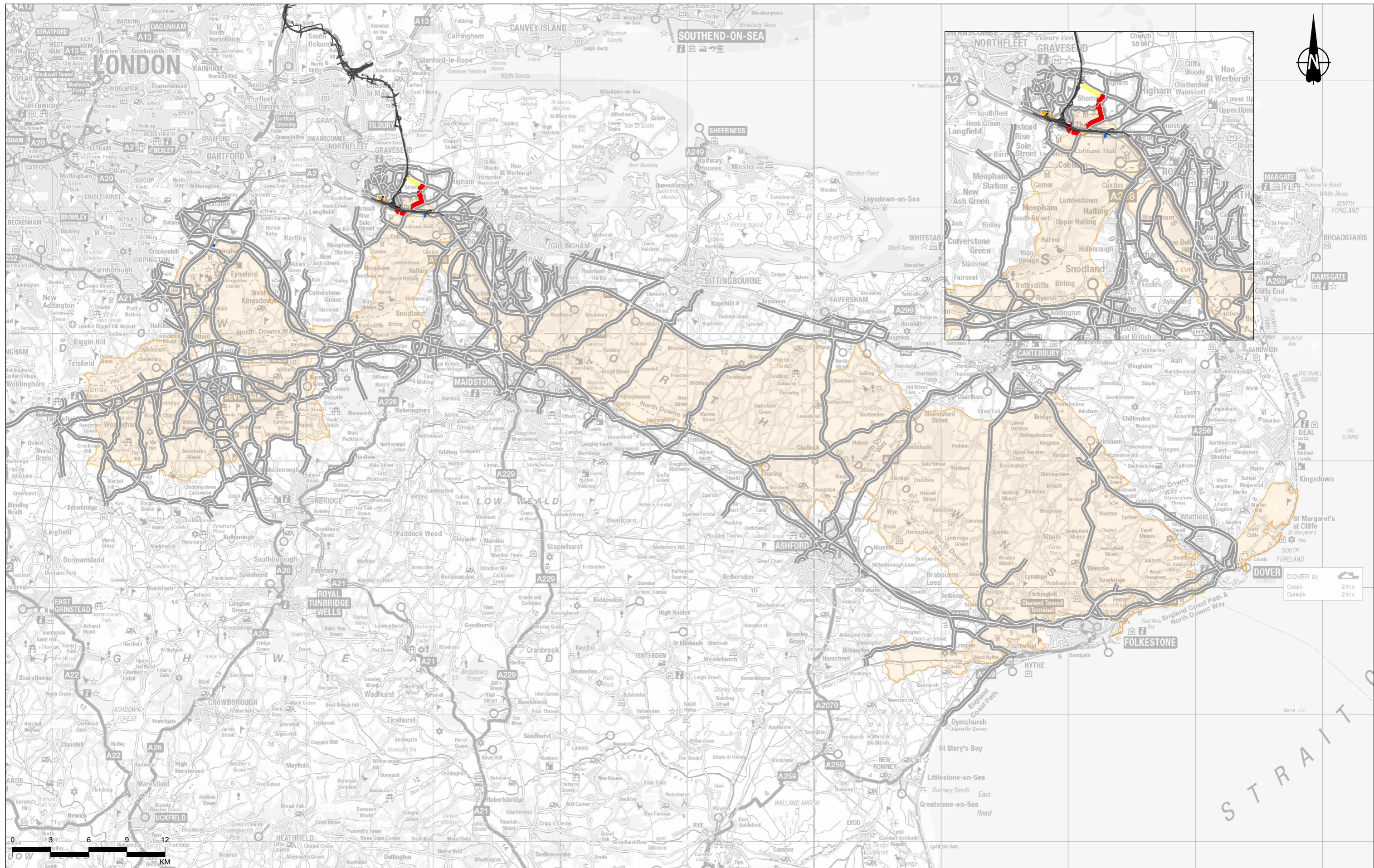


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Page 37 of 132					
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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 4**

- 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
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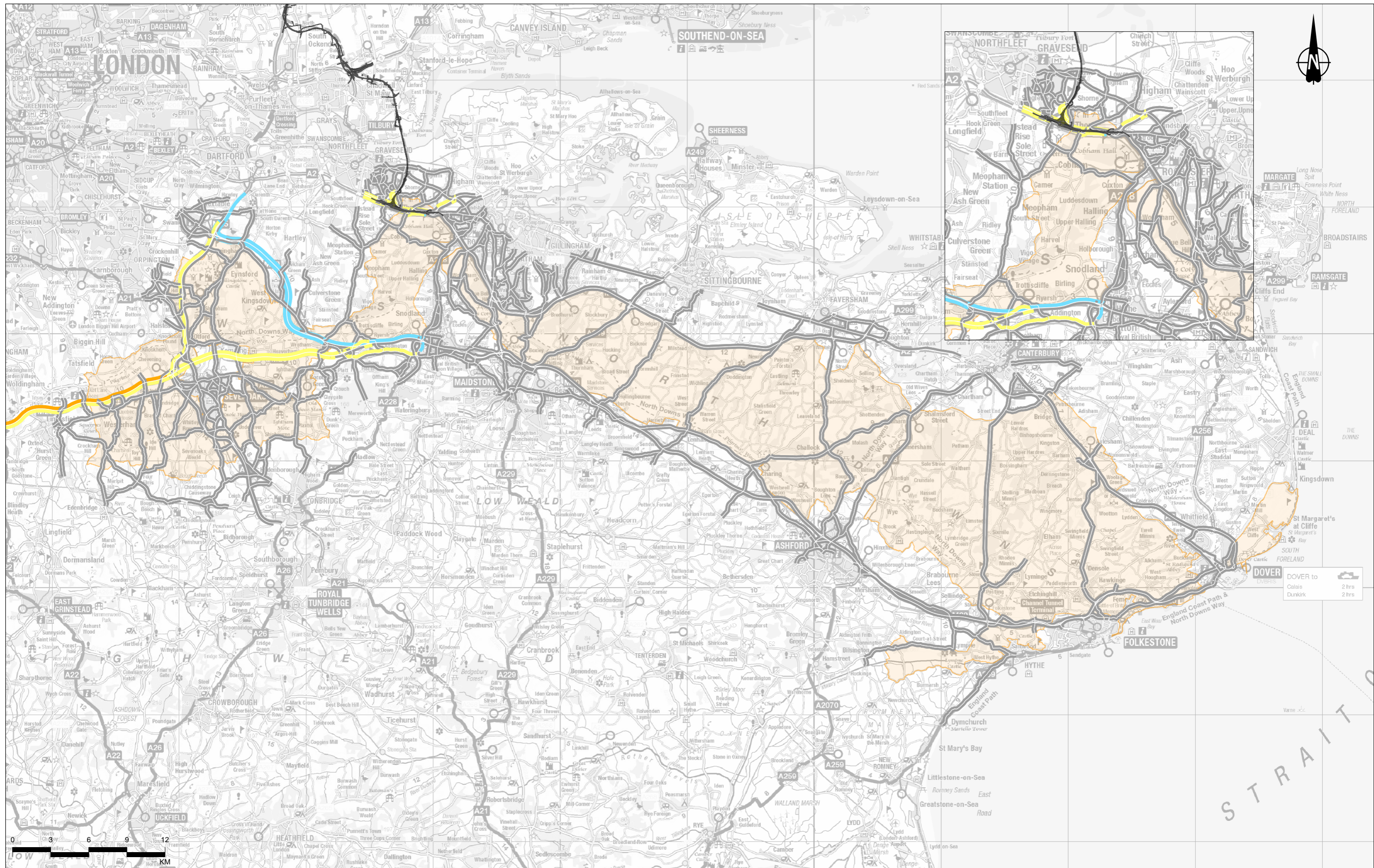


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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 4**

- 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:**

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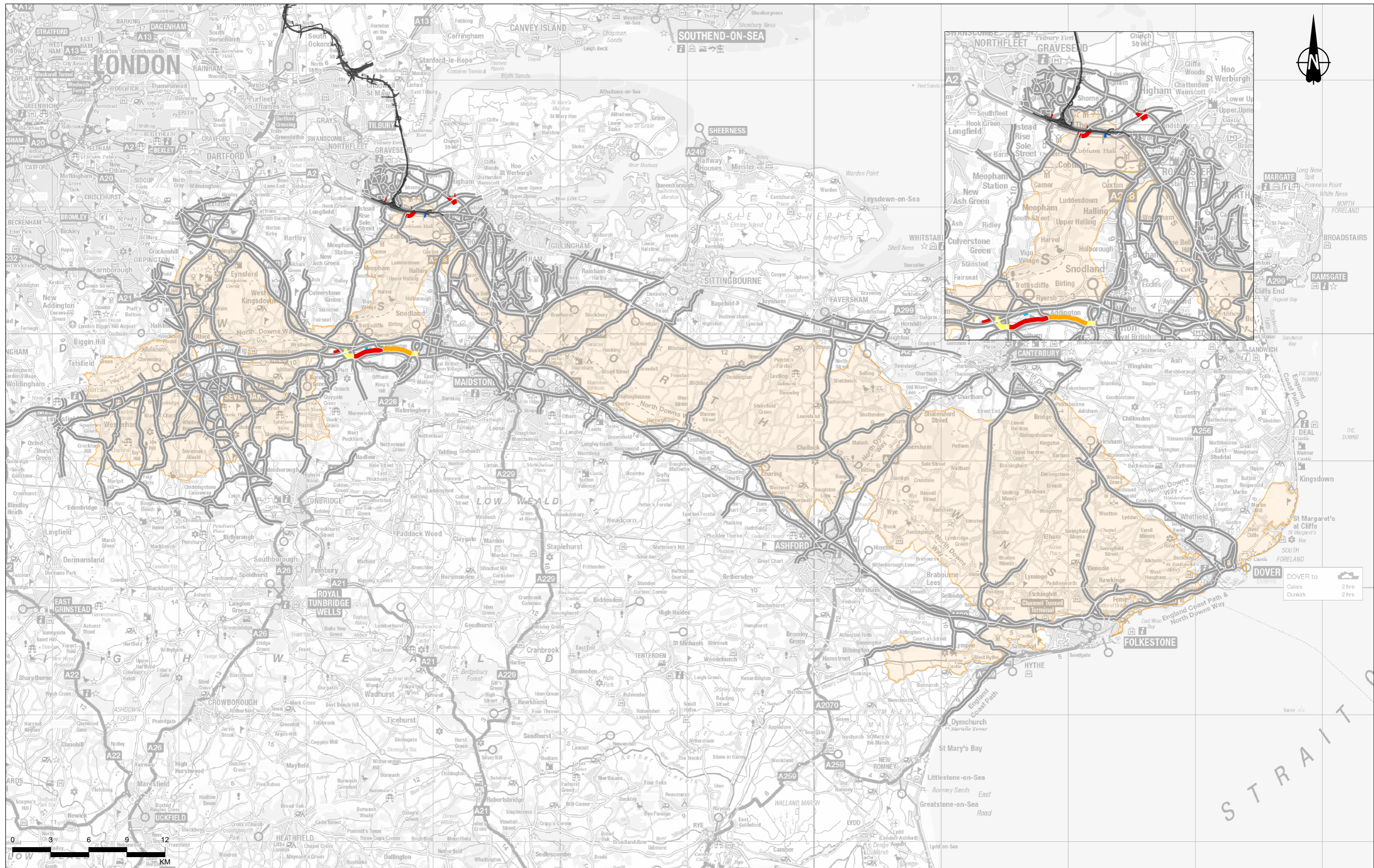


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P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 4**

- 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)

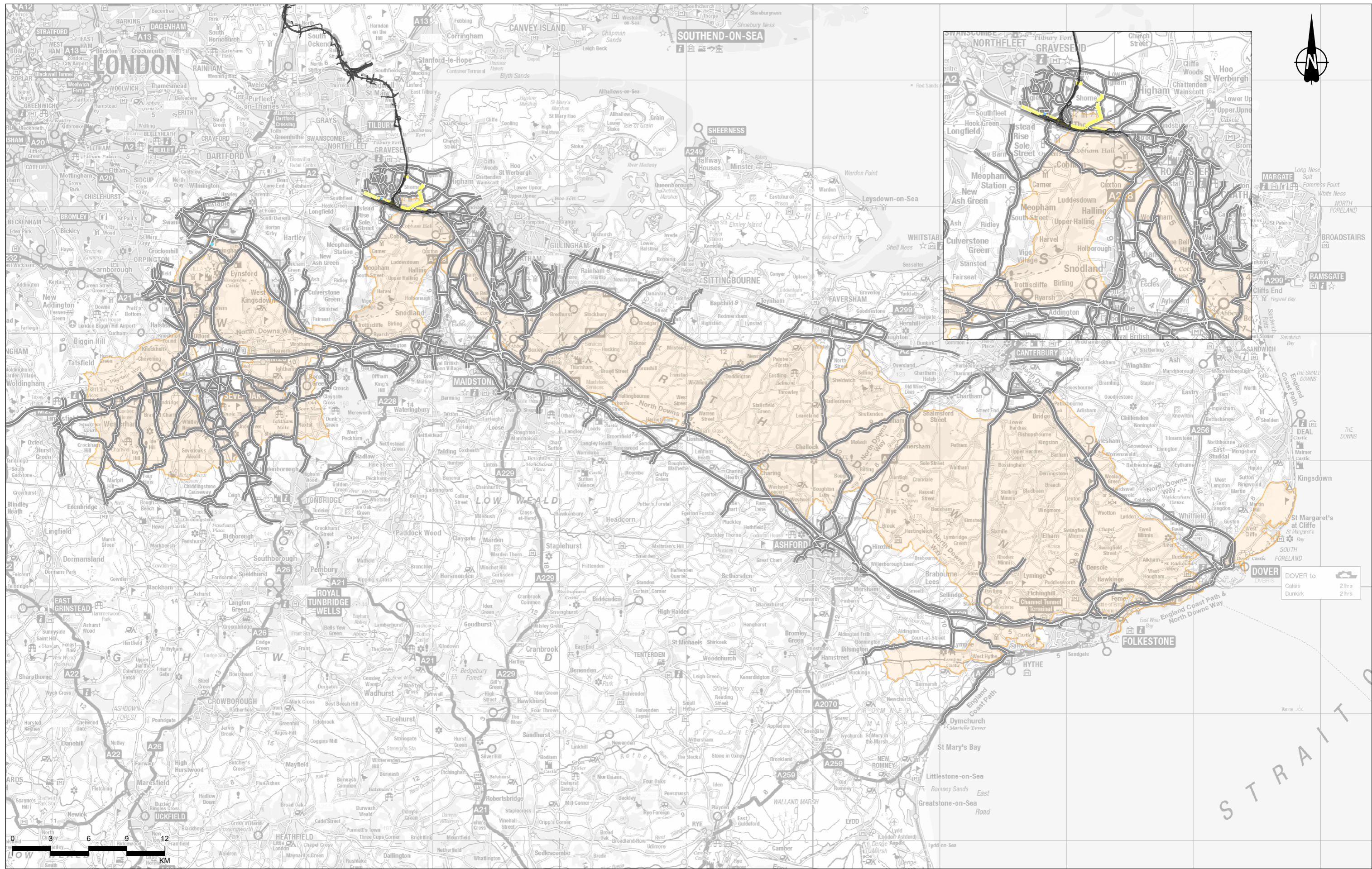


Client: **national highways**

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 4 by percentage HGVs during AM peak				
Page	Page 40 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





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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 4**

- 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)

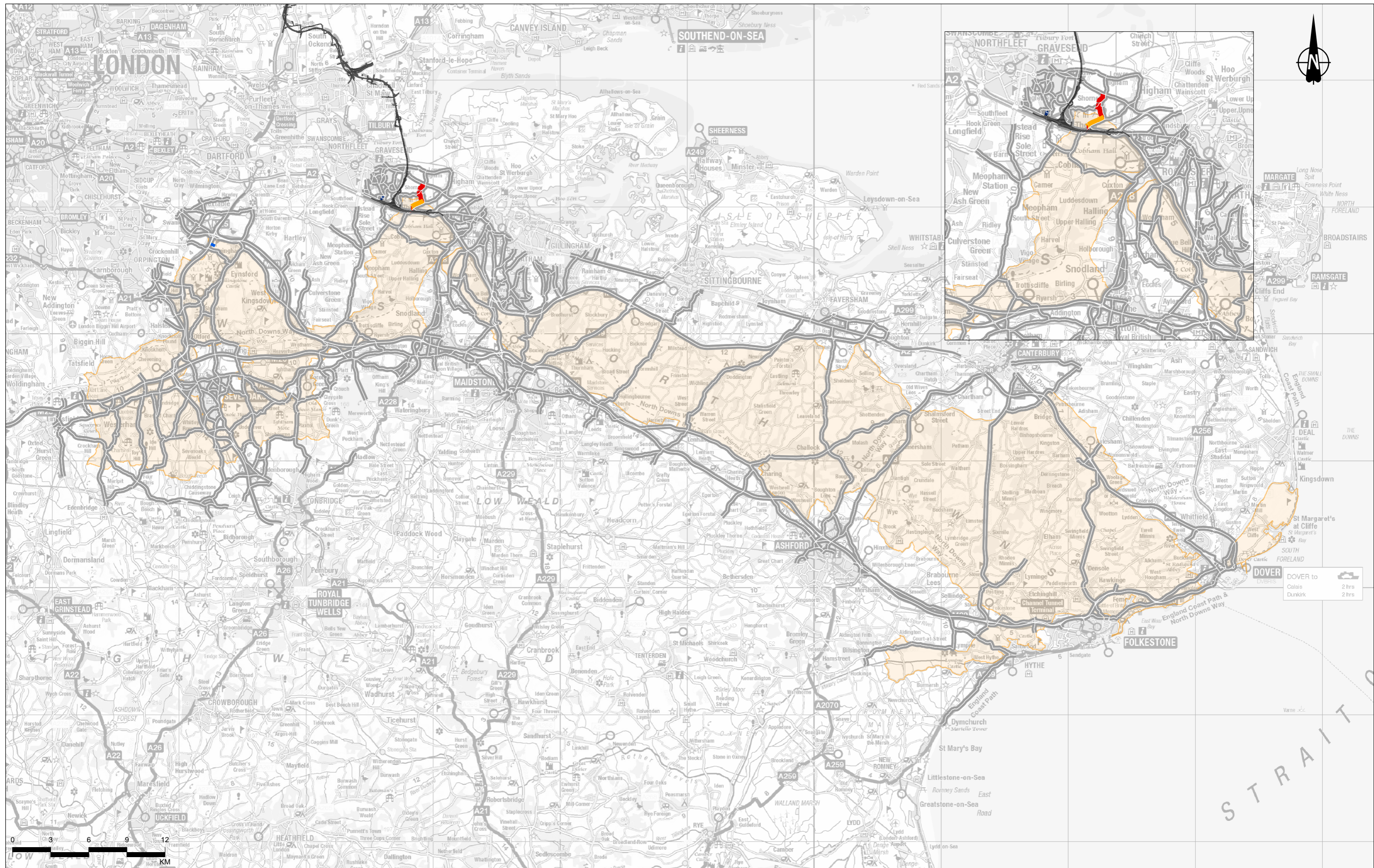


Client: **national highways**

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 4 by number of PCUs during inter peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				
Page 41 of 132					





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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**

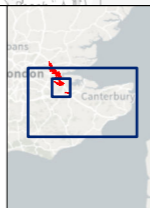
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 4**

- 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)

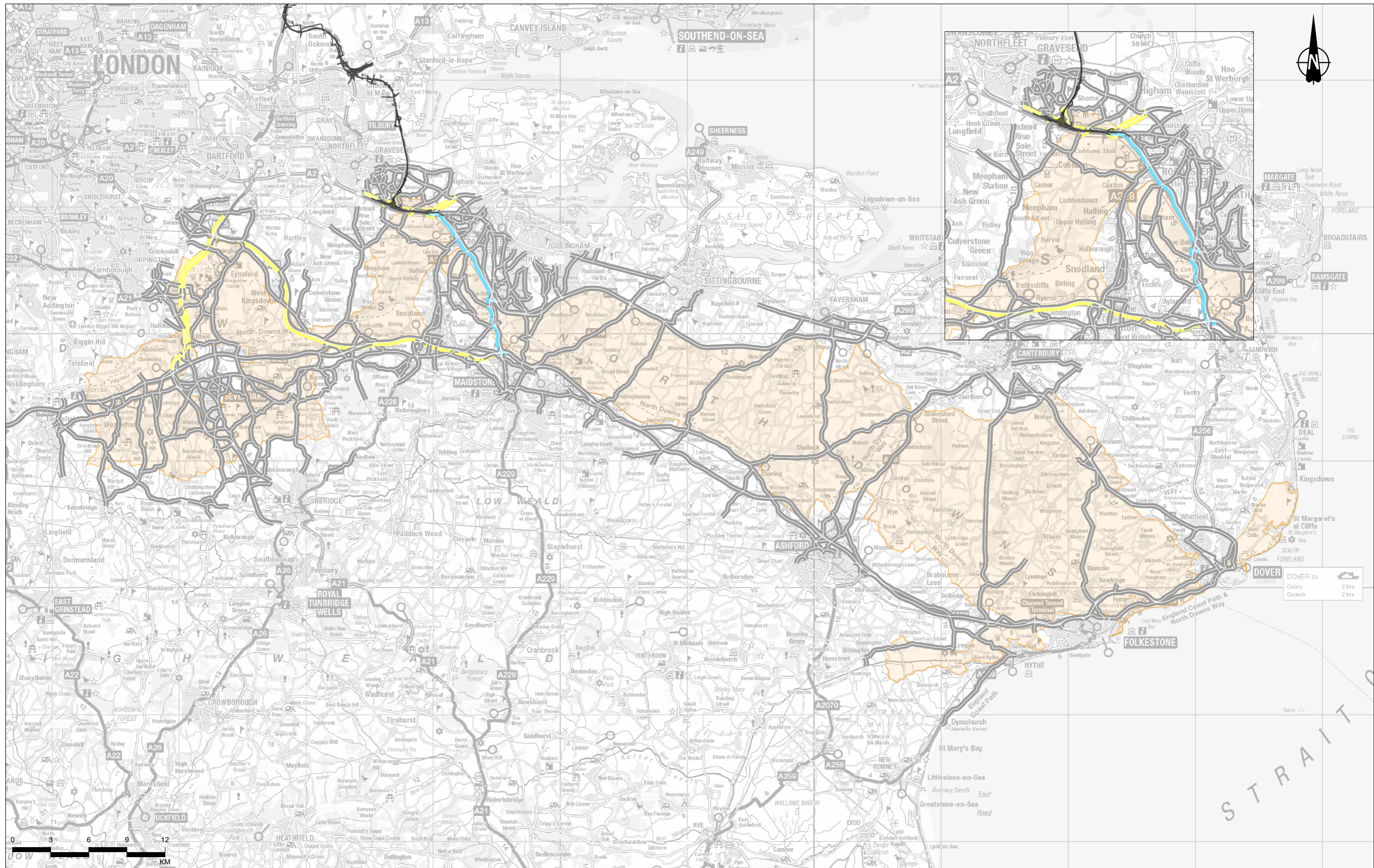


Client: **national highways**

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 4 by percentage PCUs during inter peak				
Page	Page 42 of 132				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				





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P01	S8	10/11/2022	DCO Application	LK	SK	BF
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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) inter peak CC49 v23 Do-Min to Phase 4**

- 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)

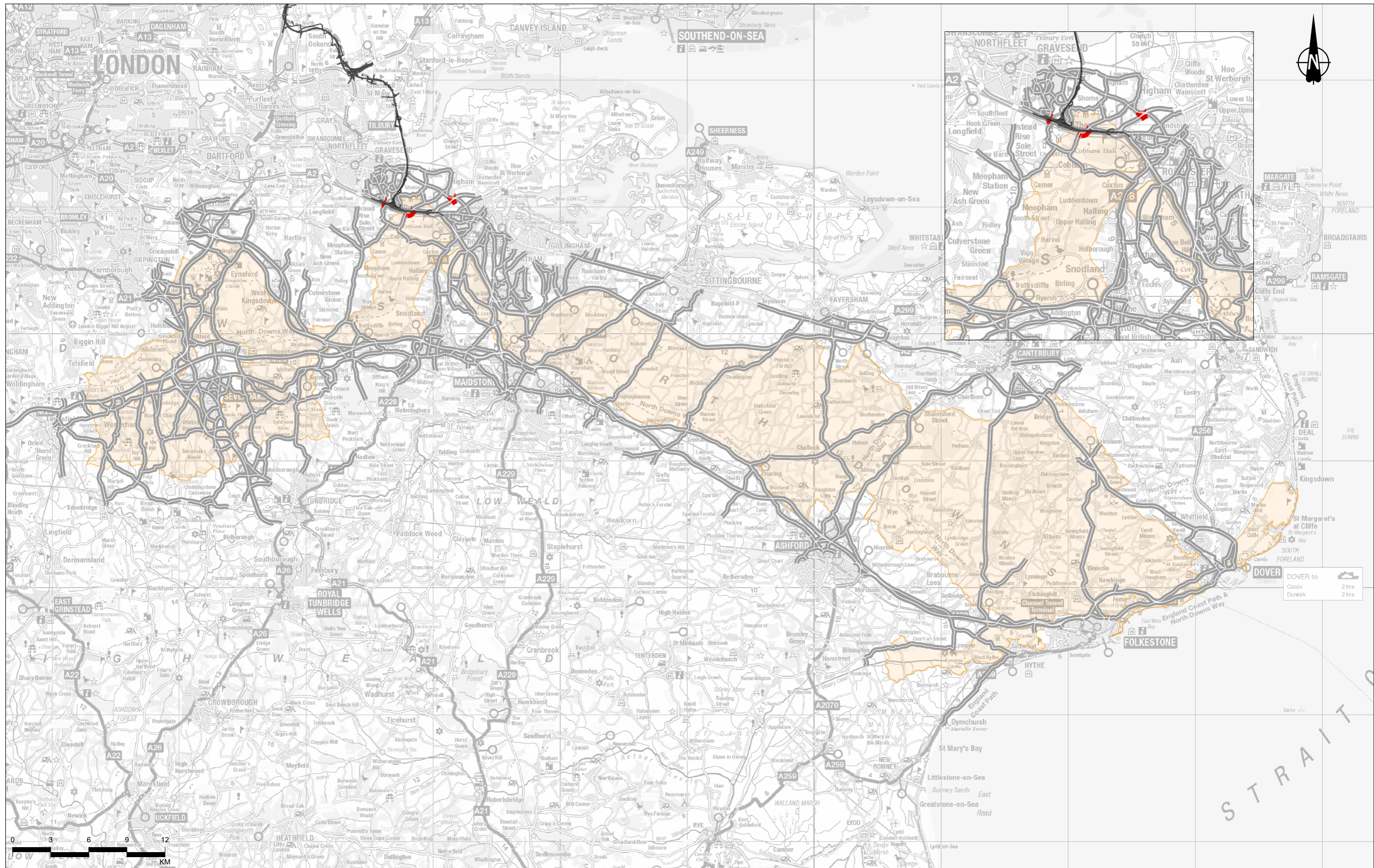


Client: **national highways**

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 4 by number of HGVs during inter peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				
Page 43 of 132					





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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 4**

- 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)



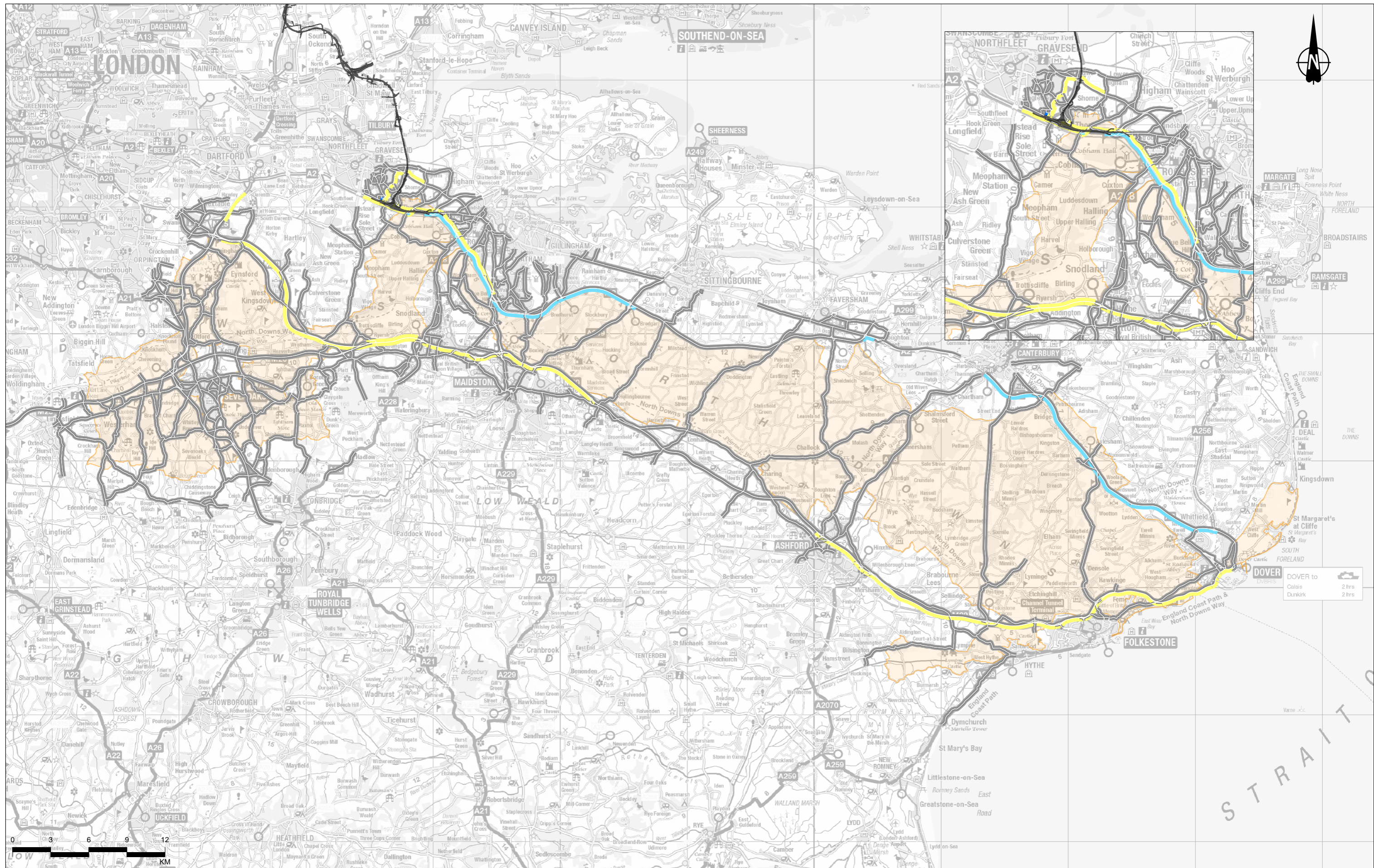
Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
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Page 44 of 132





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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) PM peak CC49 v23 Do-Min to Phase 4**

- 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)



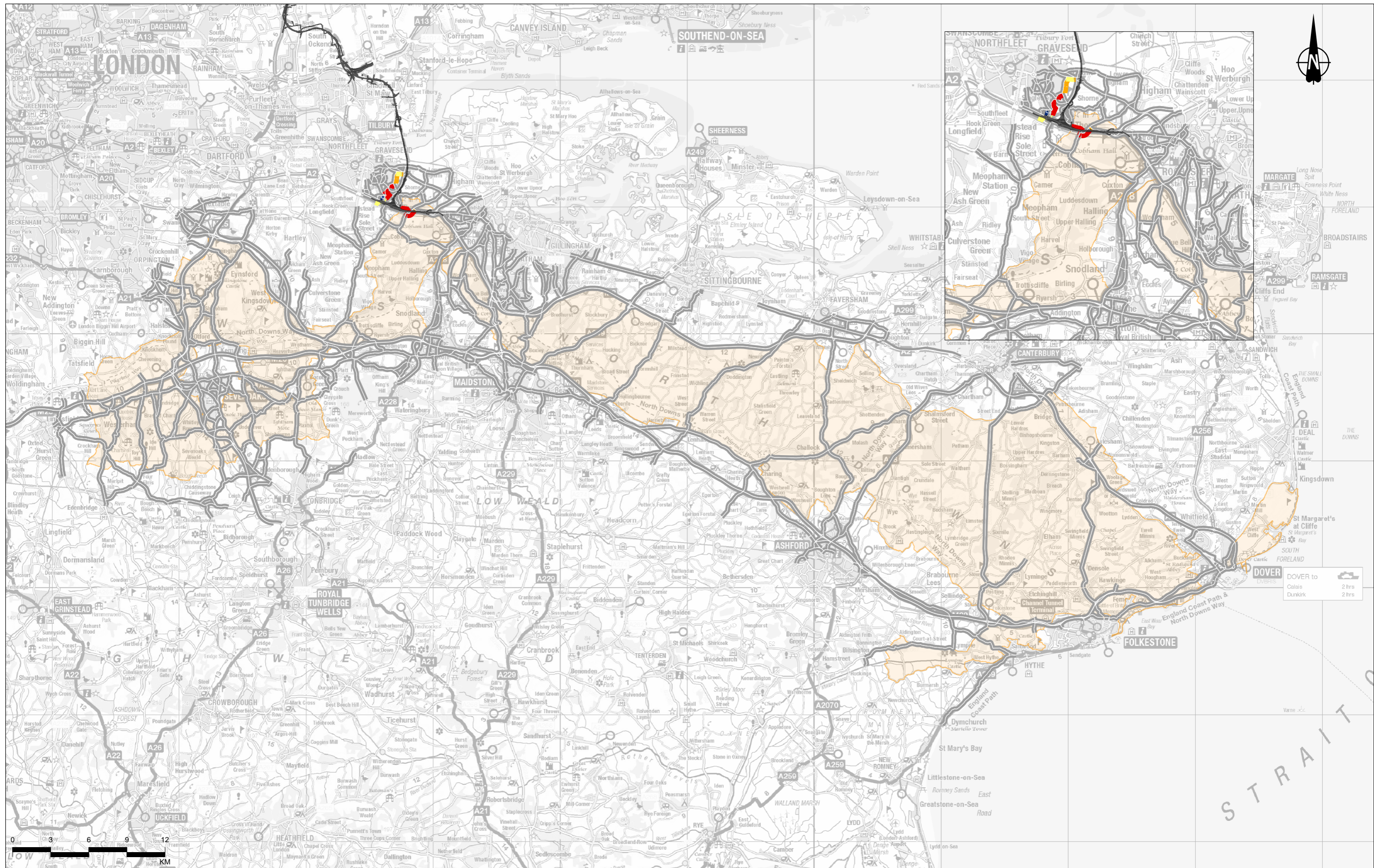
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Project: **LOWER THAMES CROSSING**

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 4 by number of PCUs during PM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				

Page 45 of 132





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P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

**Legend**

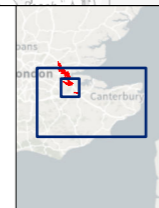
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 4**

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

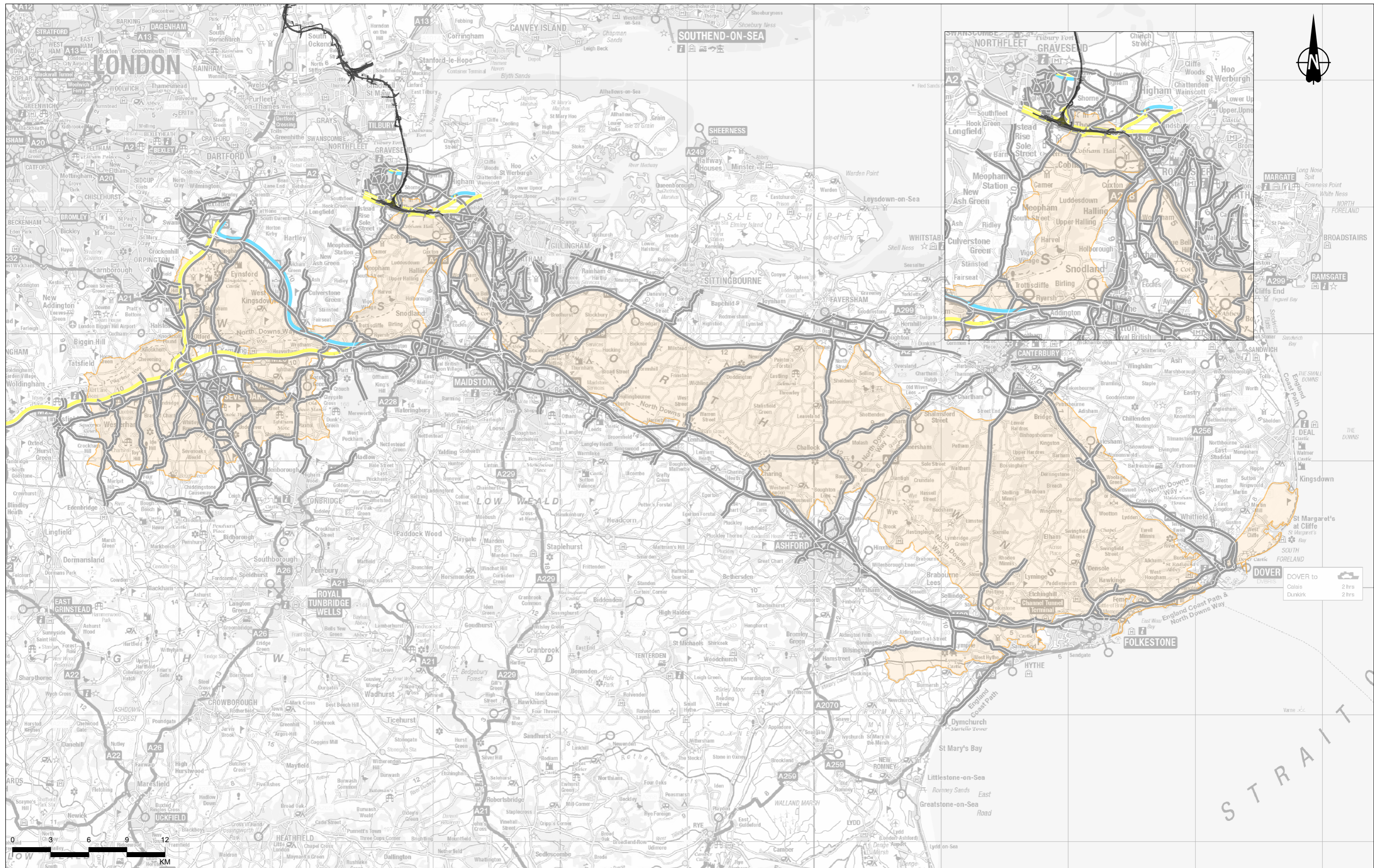


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Project: **LOWER THAMES CROSSING**

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 4 by percentage PCUs during PM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				
Page 46 of 132					





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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprvd

**Legend**

- Orange outline: Kent Downs Area of Outstanding Natural Beauty
- Black line: Project route

**Construction change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 4**

- Blue line: -99 to -50
- Light blue line: -49 to -25
- Light cyan line: -24 to -6
- Grey line: -5 to +5
- Yellow line: +6 to +25
- Orange line: +26 to +50
- Red line: +51 to +100
- Dark red line: Over +100
- Purple line: Below -100

**Notes:**

1. PCUs = Passenger Car Units
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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 4 by number of HGVs during PM peak**

Page 47 of 132

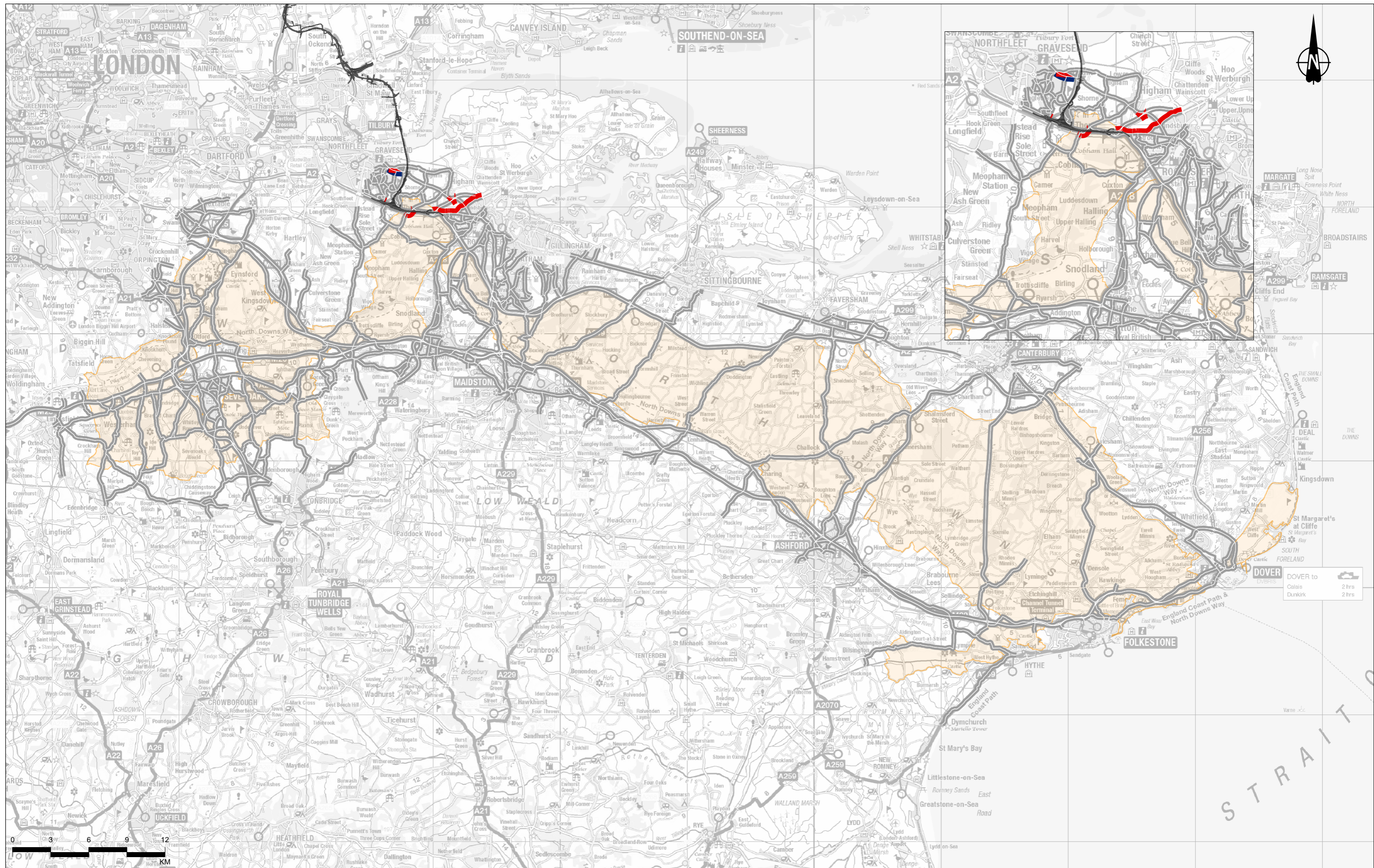
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Original Size	A3	Revision	P02
Scale	1:270,000		

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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 4**

- 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
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Page 48 of 132					



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