

## Lower Thames Crossing

### 6.2 Environmental Statement Figures Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction (3 of 6)

(Clean Version)

APFP Regulation 5(2)(a)

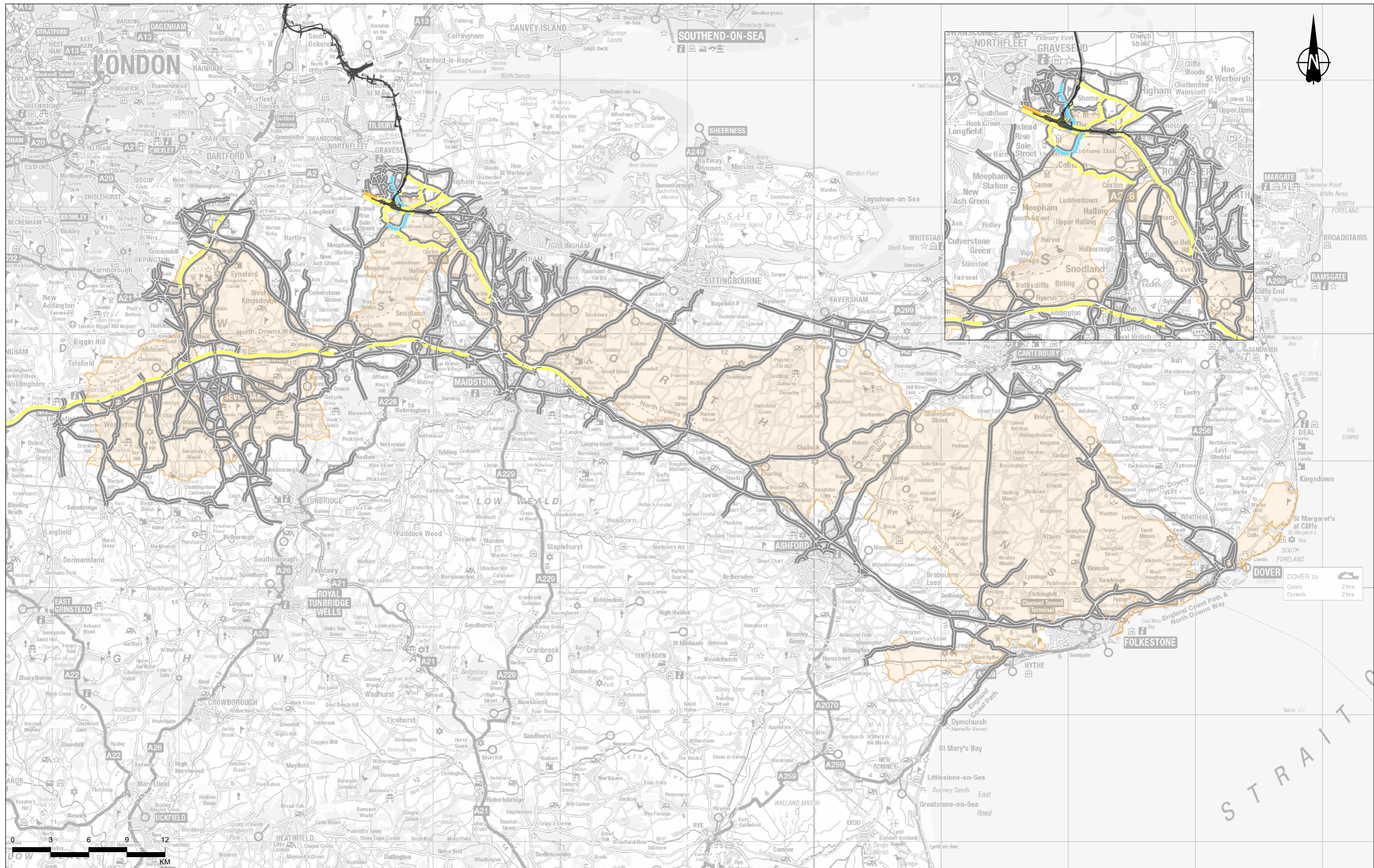
Infrastructure Planning (Applications:  
Prescribed Forms and Procedure)  
Regulations 2009

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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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 5**

- 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:**

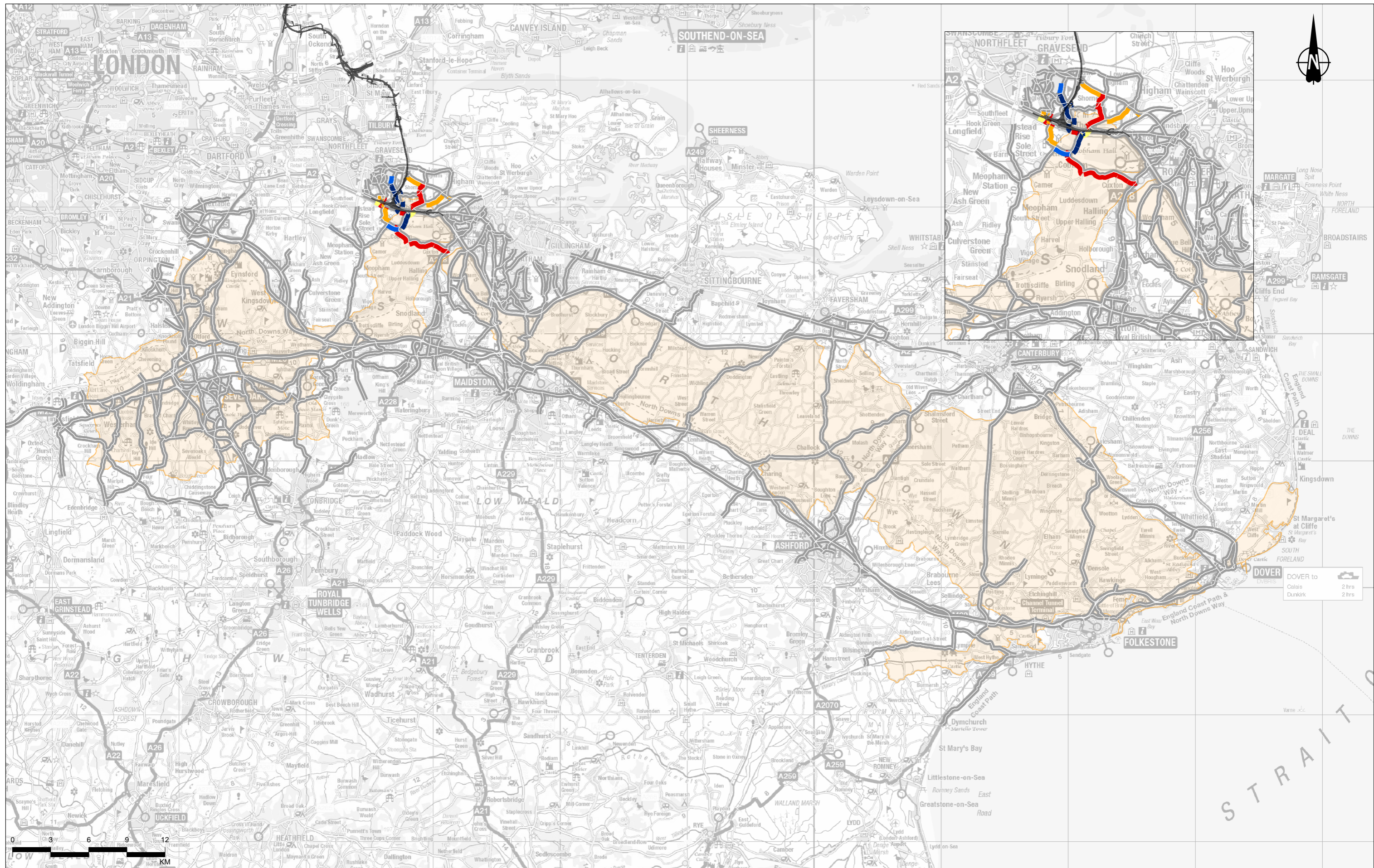
1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)



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 5 by number of PCUs during AM peak				
Page	Page 49 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
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) AM peak CC49 v23 Do-Min to Phase 5**

- 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:**

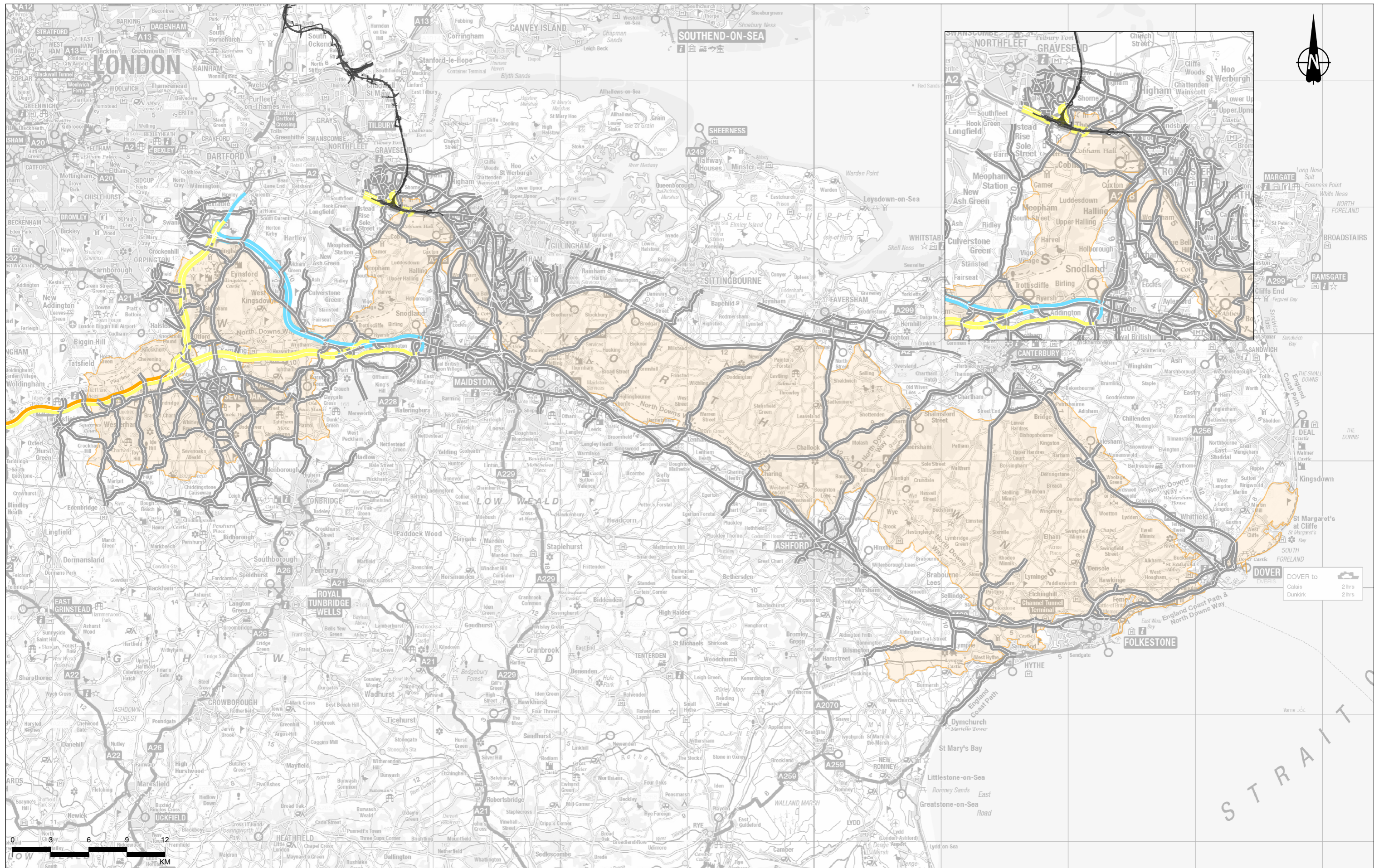
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Page 50 of 132					



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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 change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 5**

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

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

Drawing Title: **Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 5 by number of HGVs during AM peak**

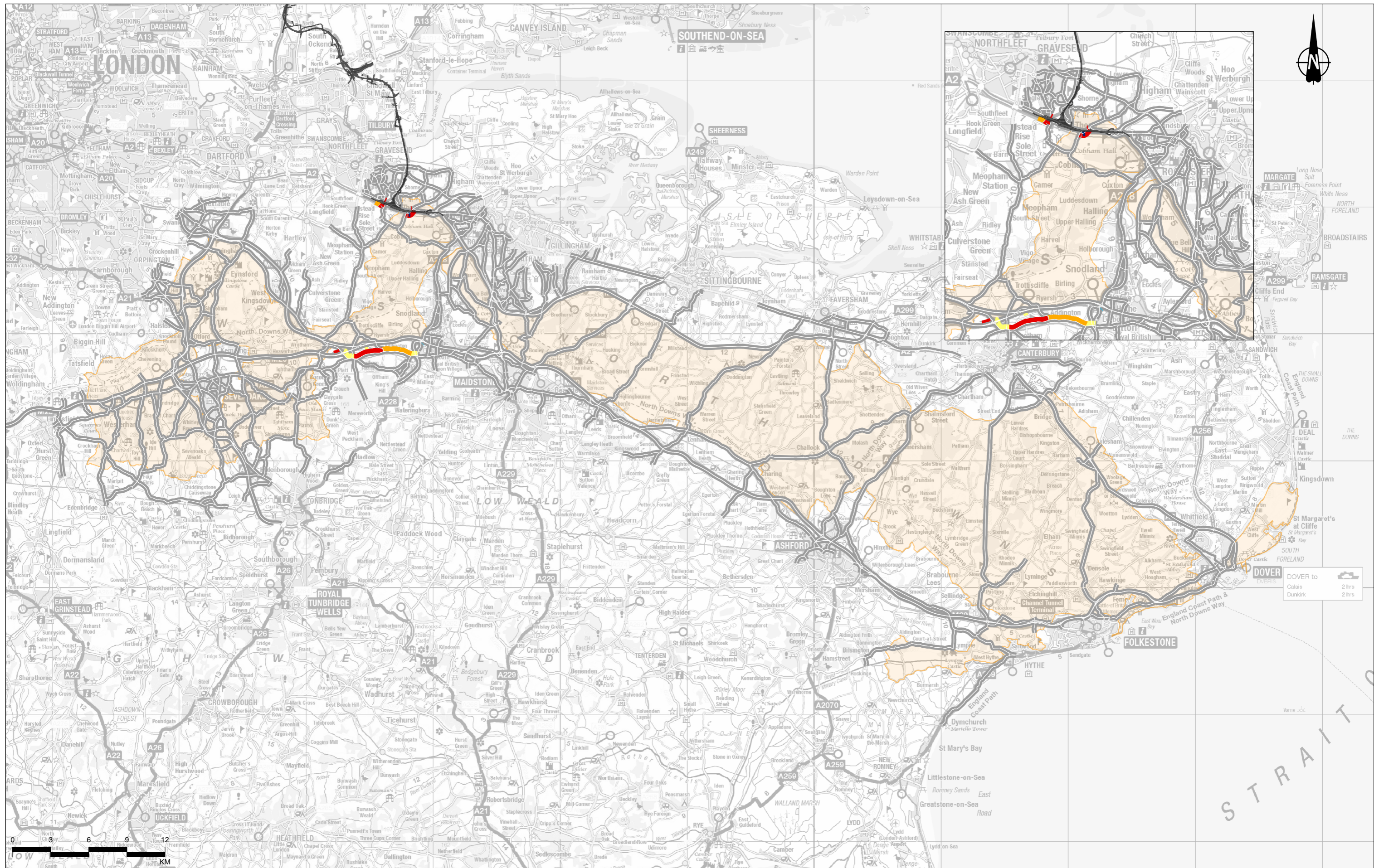
Page 51 of 132

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

Scale: 1:270,000

Original Size	A3	Revision	P02
Scale	1:270,000		

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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 5**

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

**Notes:**

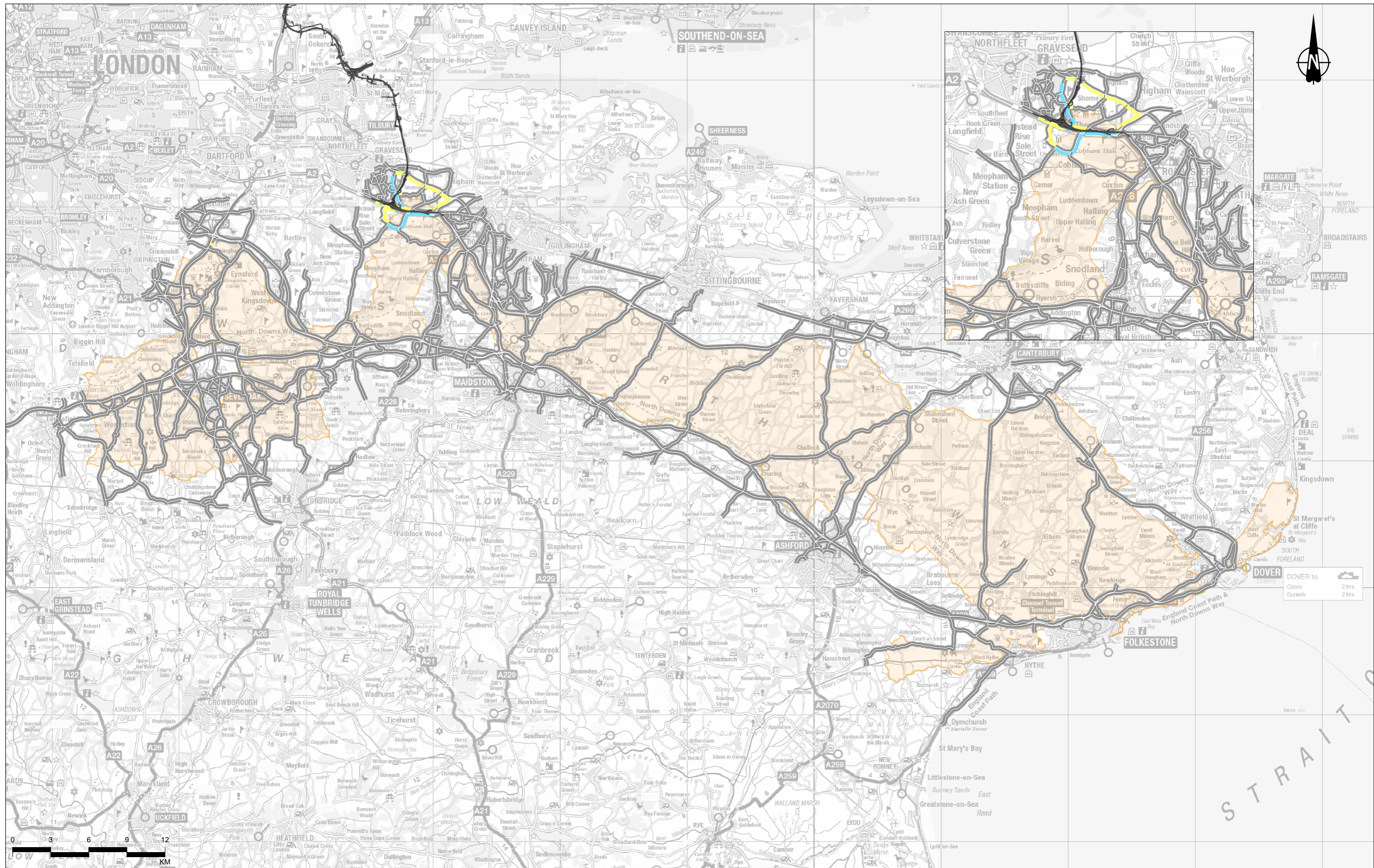
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**Legend**

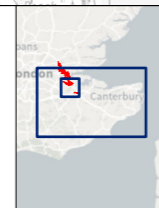
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 5**

- 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:**

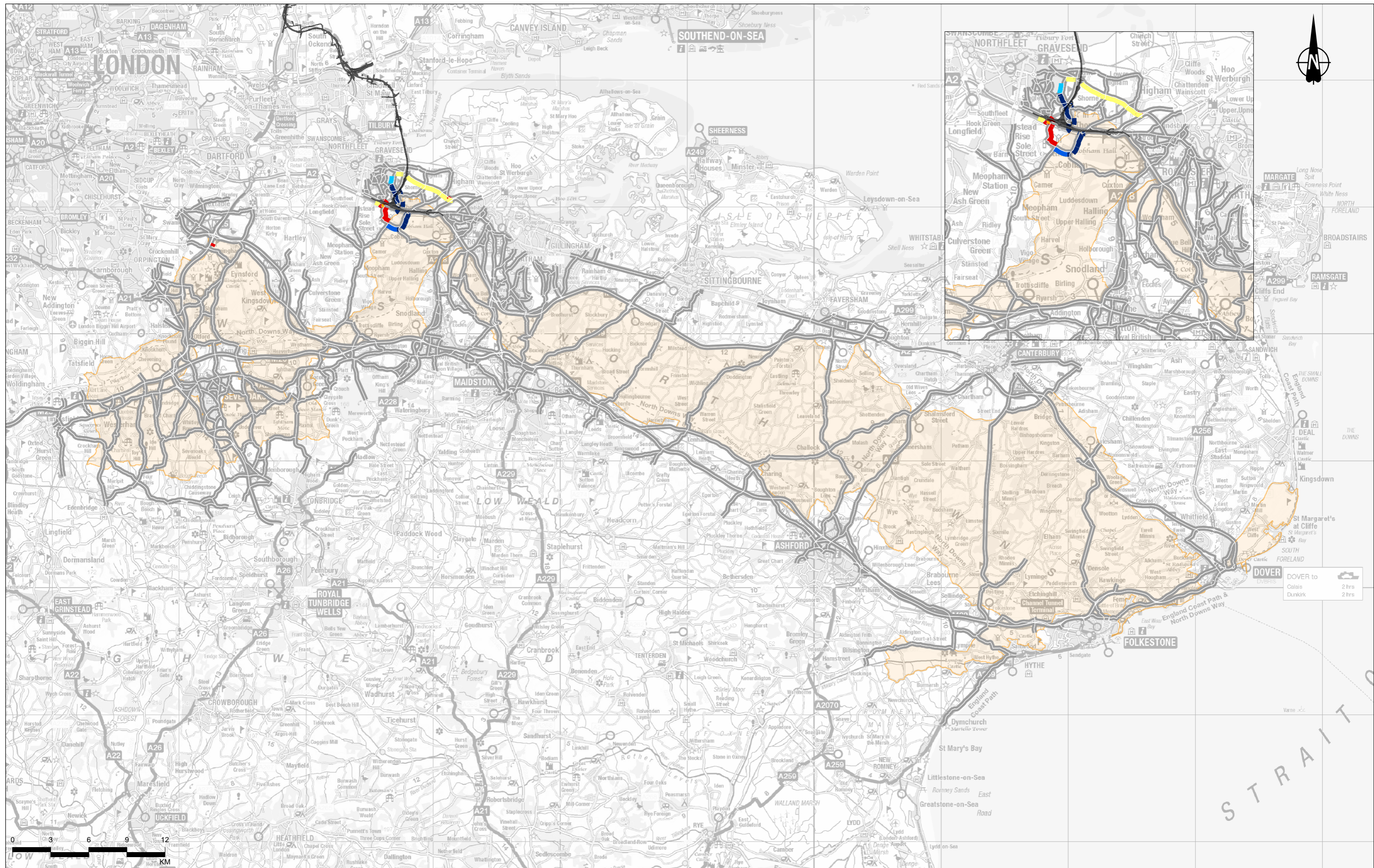
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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 5**

- 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:**

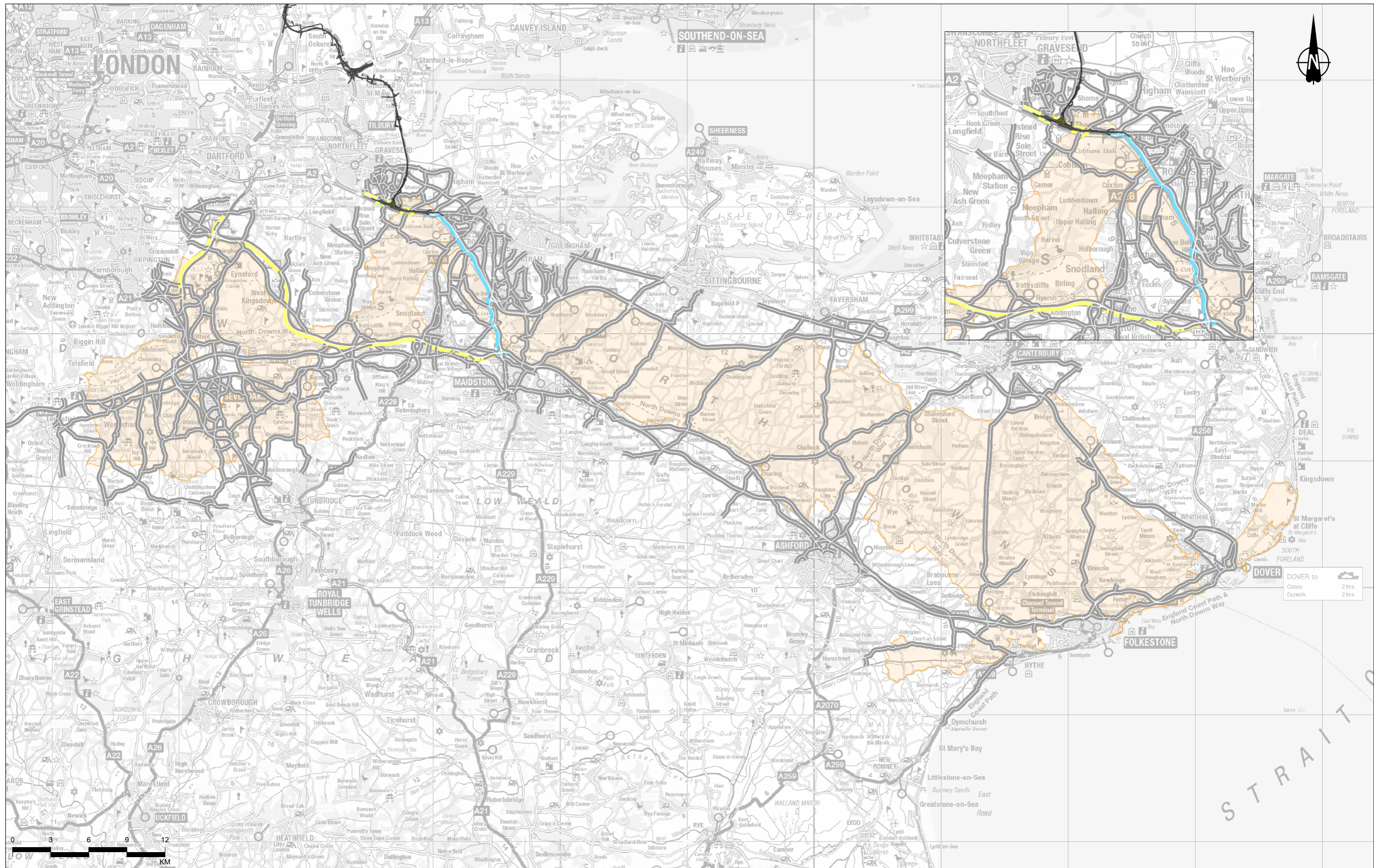
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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) inter peak CC49 v23 Do-Min to Phase 5**

- 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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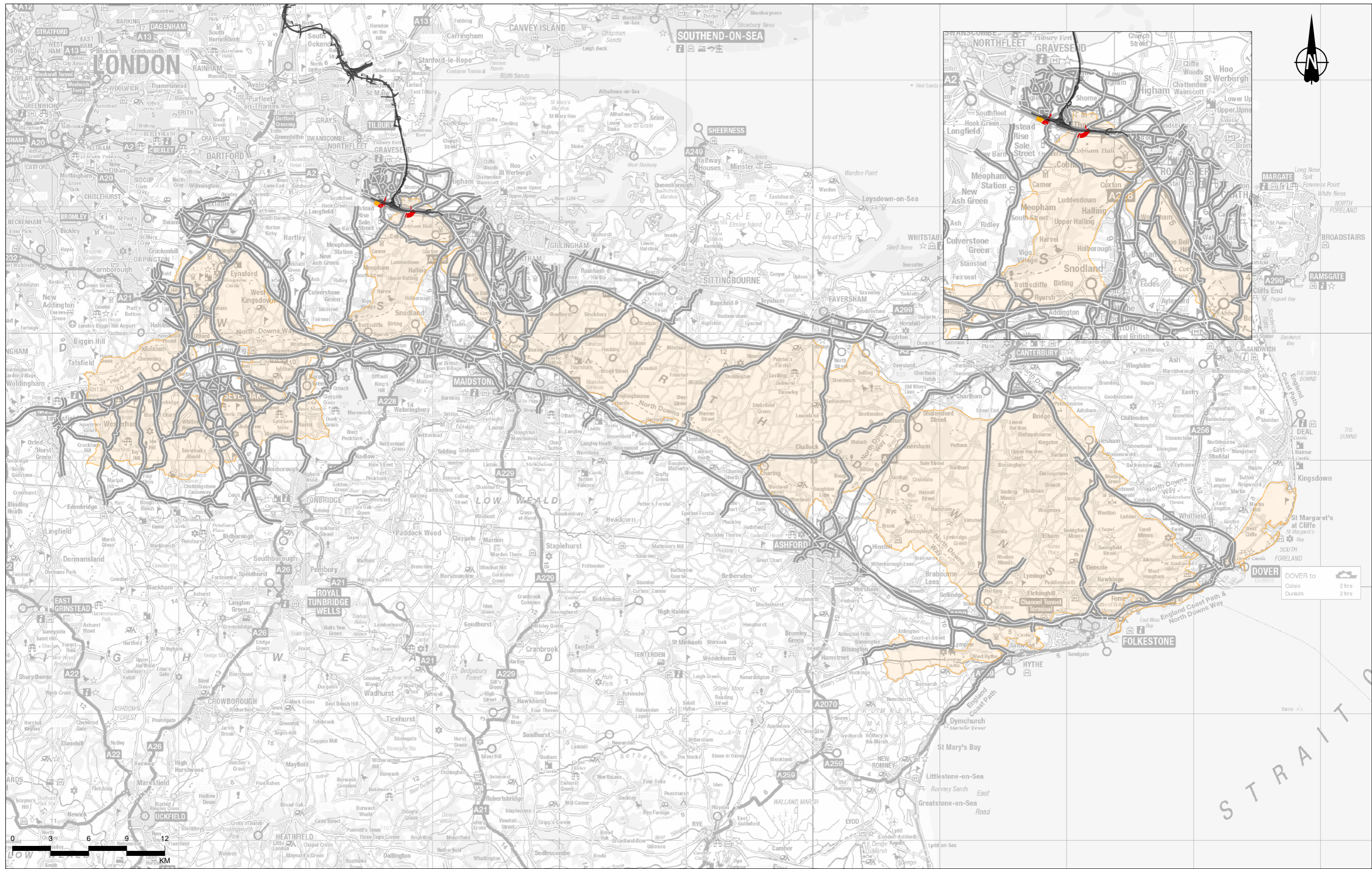


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**Legend**

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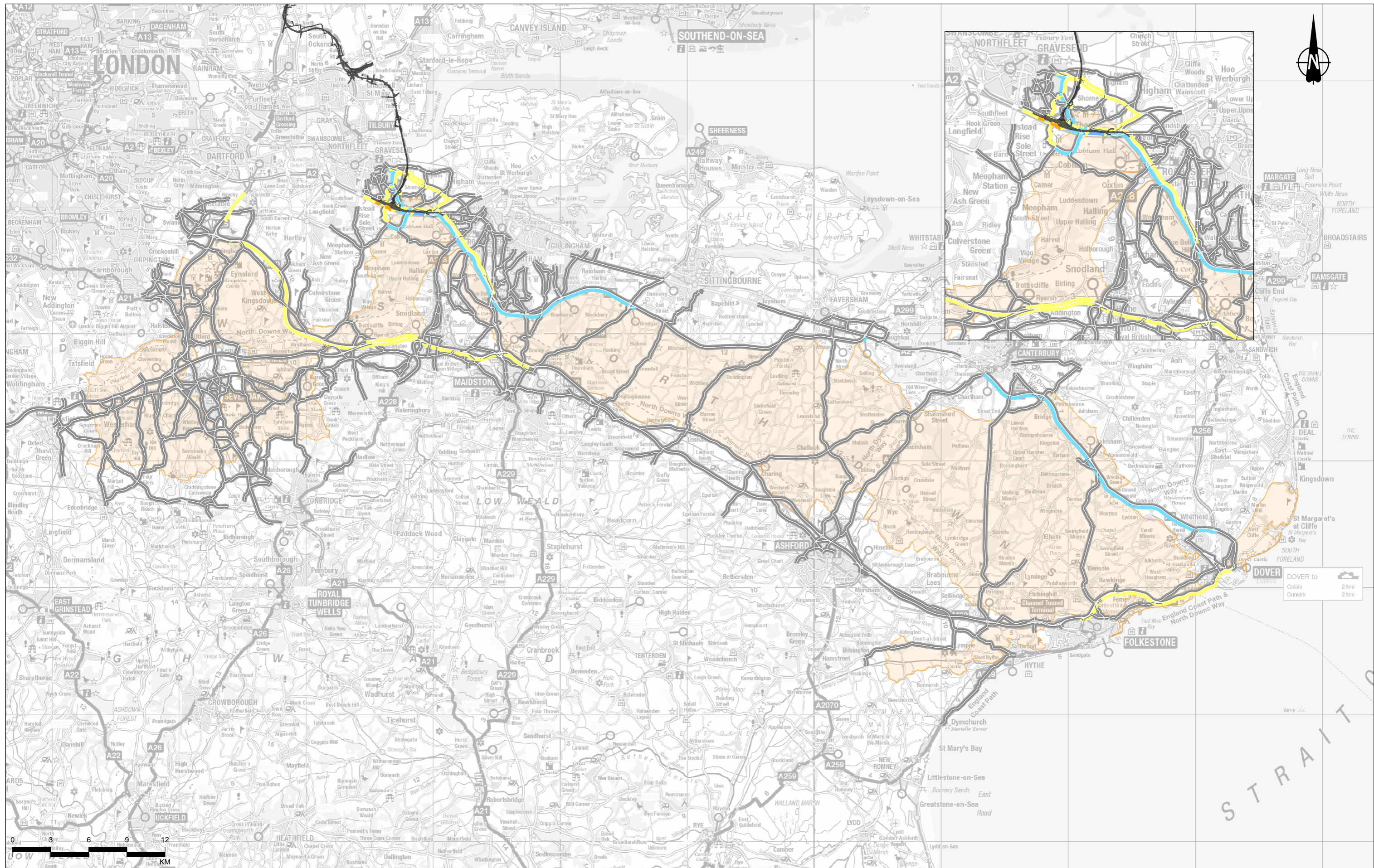


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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 5**

- 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:**

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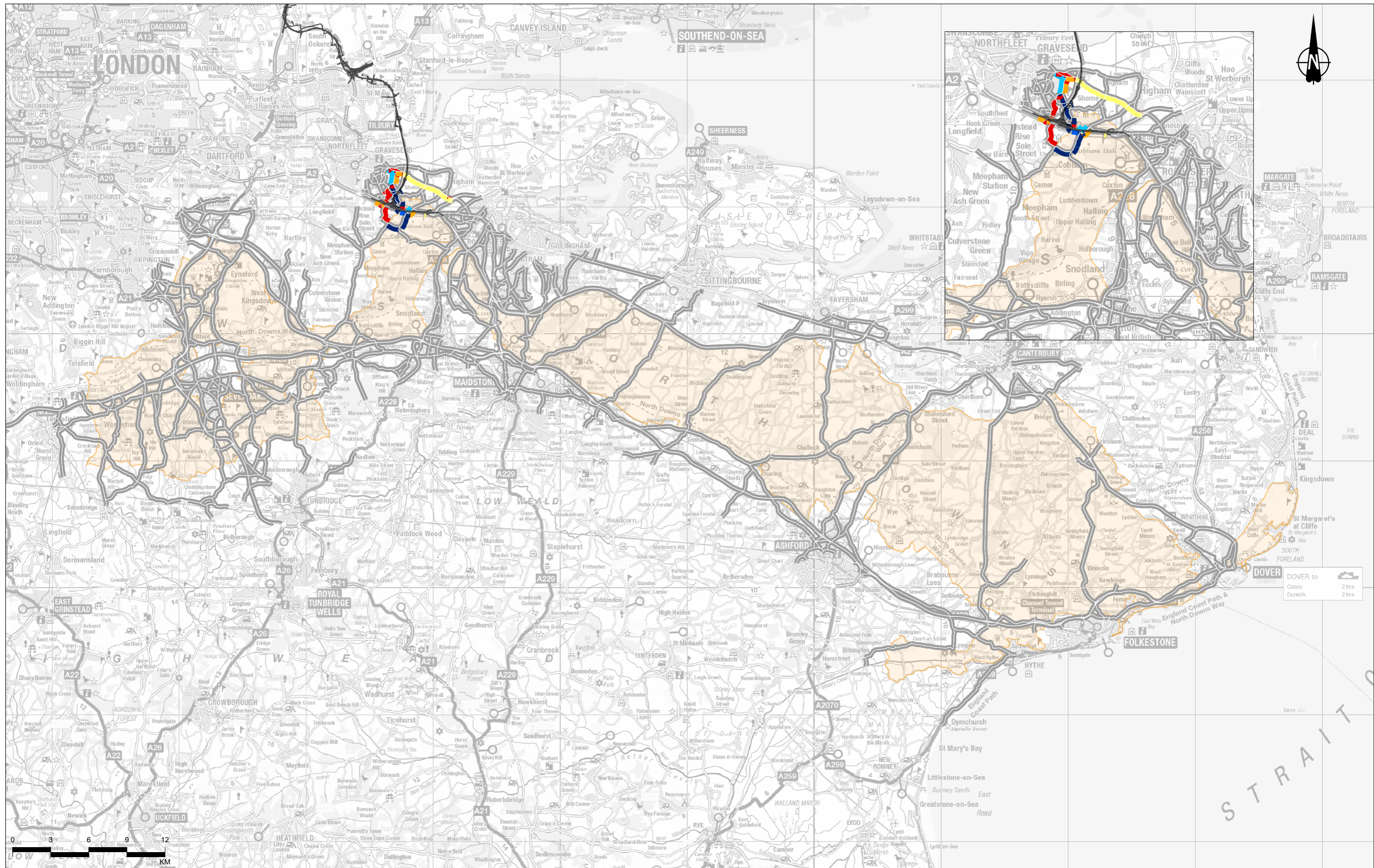


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**Legend**

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- Project route

**Construction percentage change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 5**

- 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:**

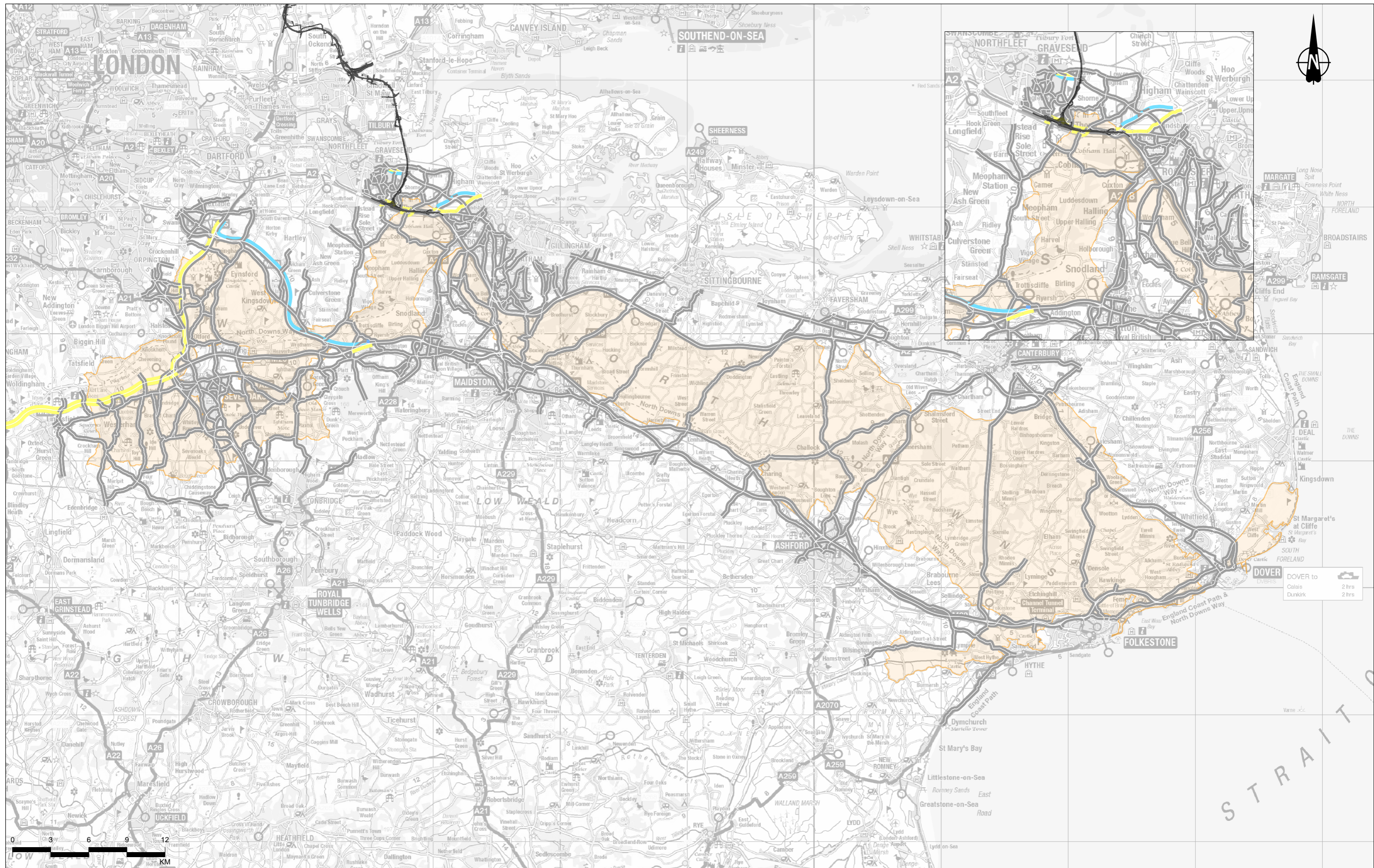
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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 5**

- 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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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 5 by number of HGVs during PM peak**

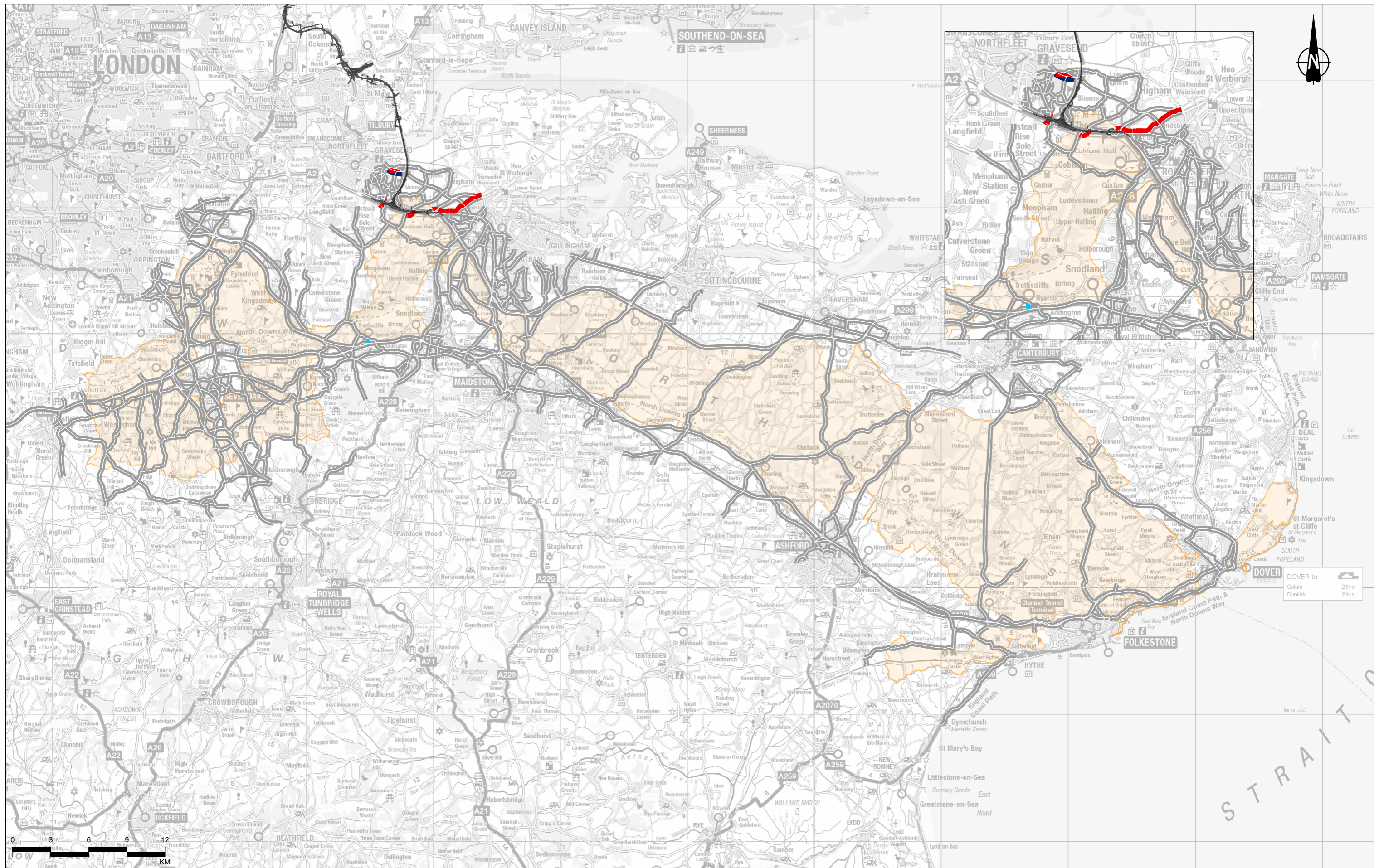
Page 59 of 132

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Scale: 1:270,000

Original Size	A3	Revision	P02
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**Legend**

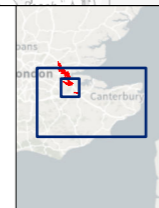
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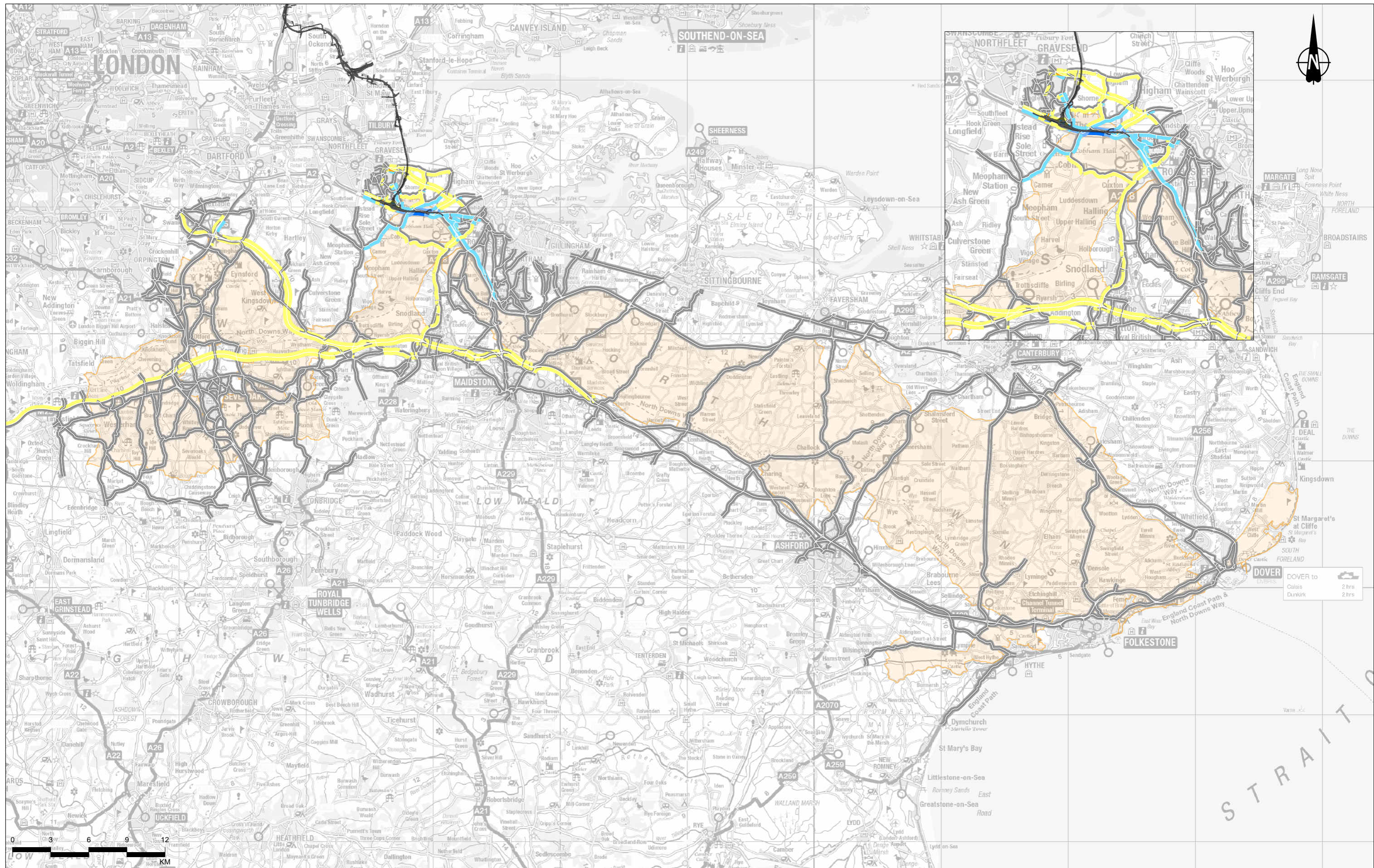


Client

Project

**LOWER THAMES CROSSING**

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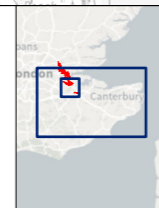
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- Project route

**Construction change in flow (PCUs) AM peak CC49 v23 Do-Min to Phase 6**

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

**Notes:**

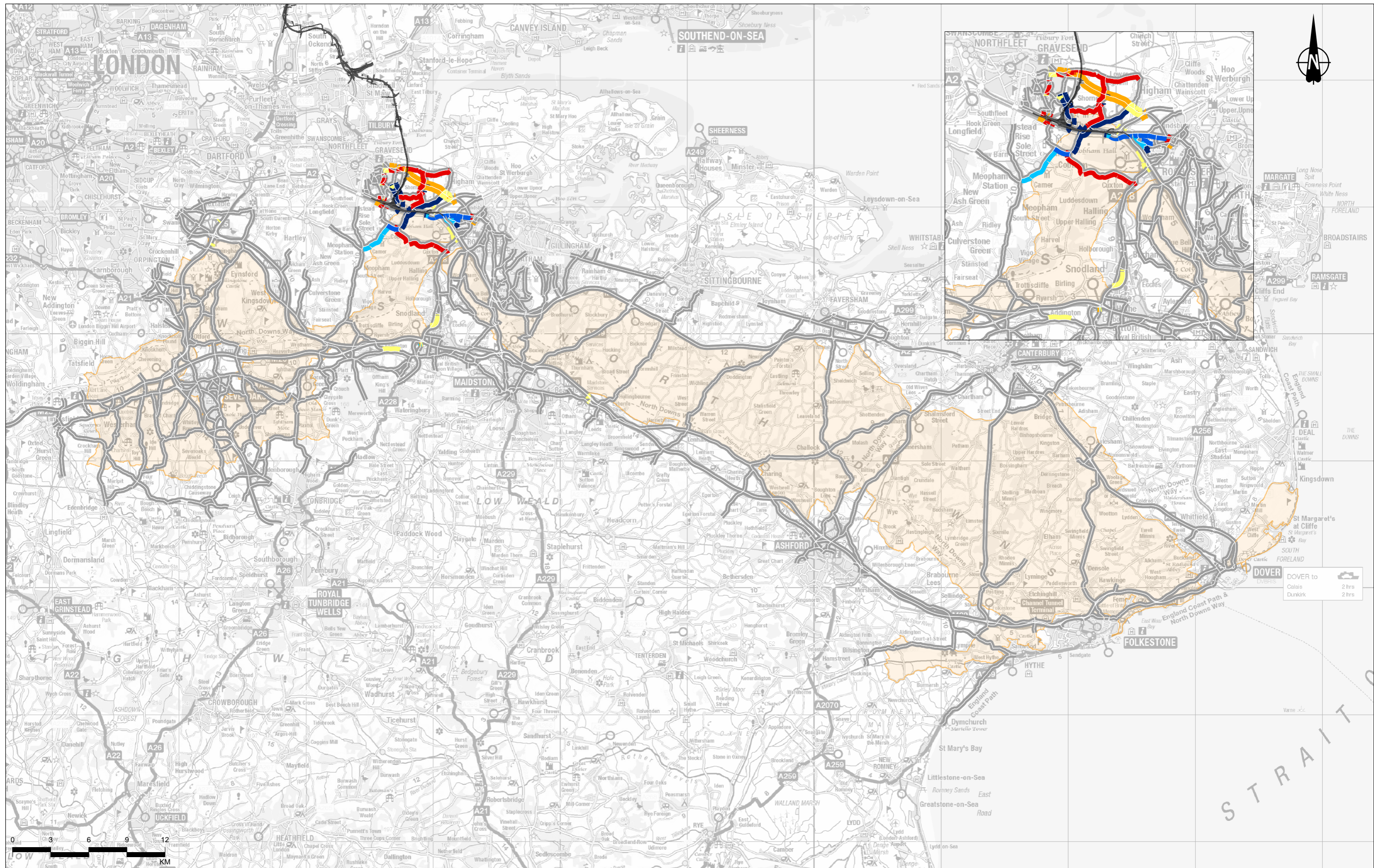
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Drawing Title	Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 6 by number of PCUs during AM peak				
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**Legend**

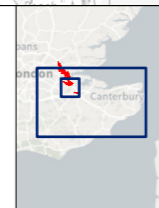
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- 40% to -20%
- 20% to -10%
- 10% to +10% (or change less than 50 PCUs)
- +10% to +20%
- +20% to +40%
- Over +40%
- Below -40%

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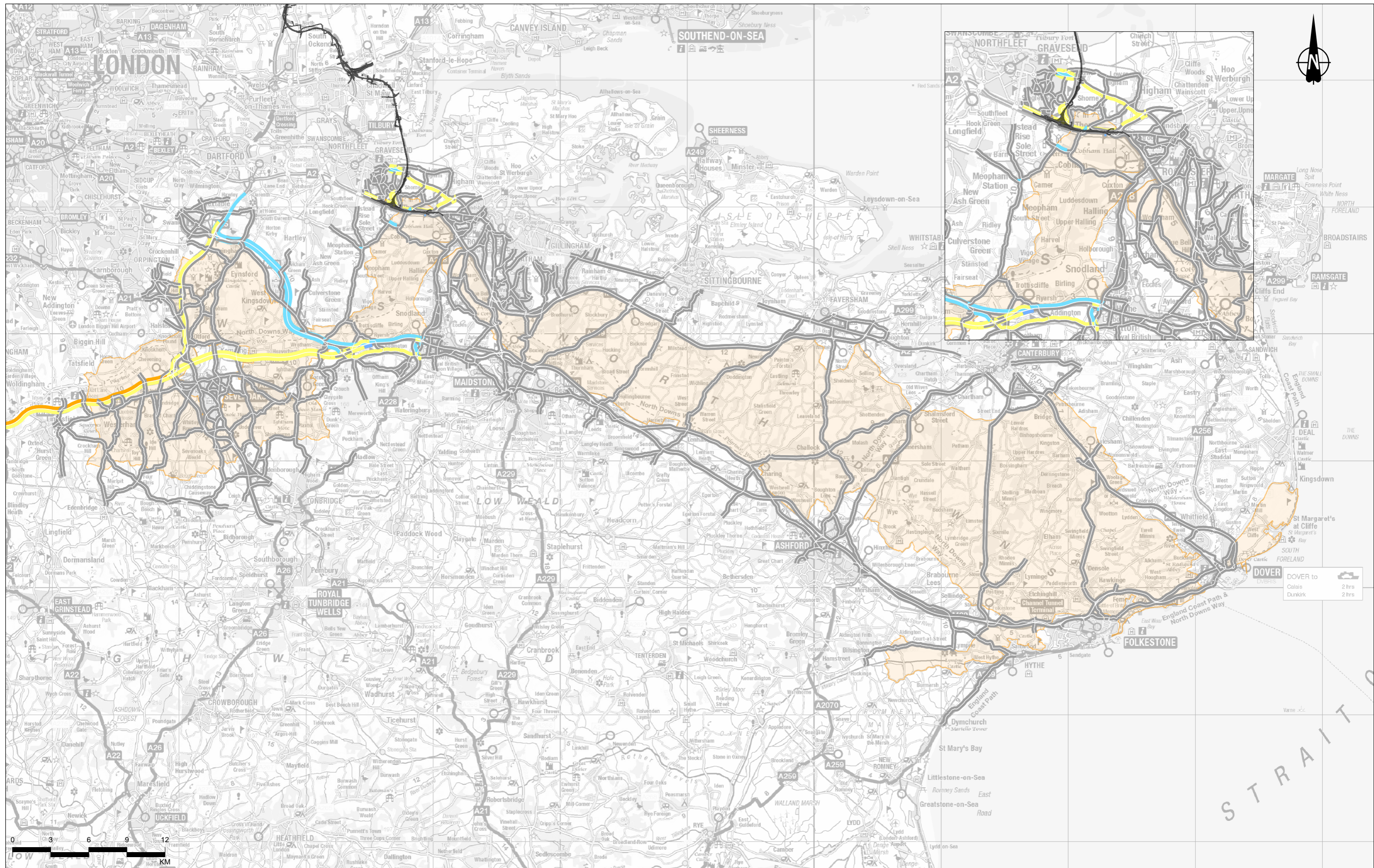
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**Legend**

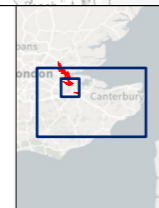
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**Construction change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 6**

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- 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)

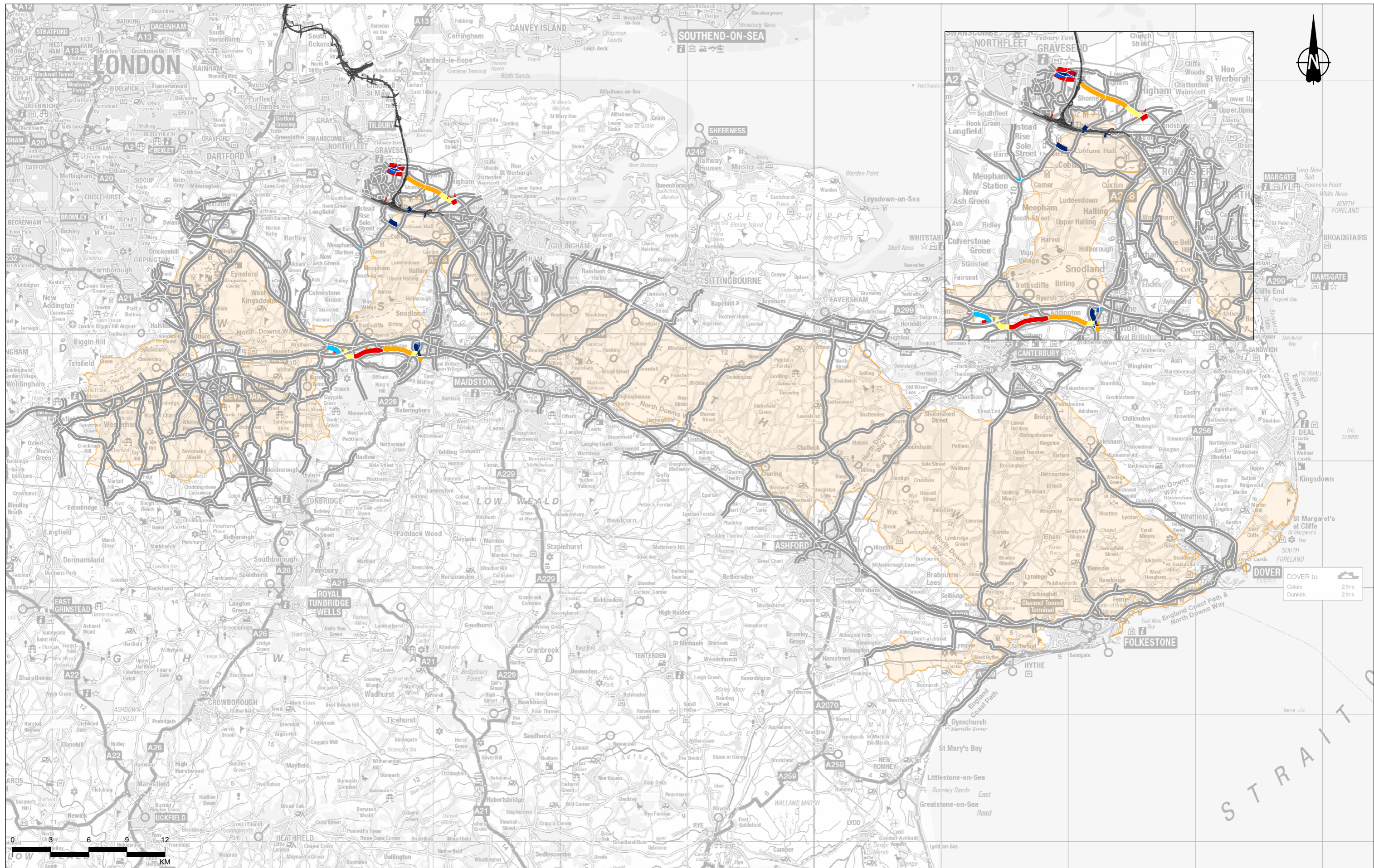


Client: **national highways**

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 6 by number of HGVs during AM peak				
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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	Apprv

**Legend**

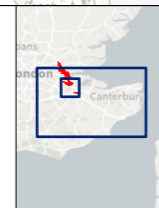
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (HGVs) AM peak CC49 v23 Do-Min to Phase 6**

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

**Notes:**

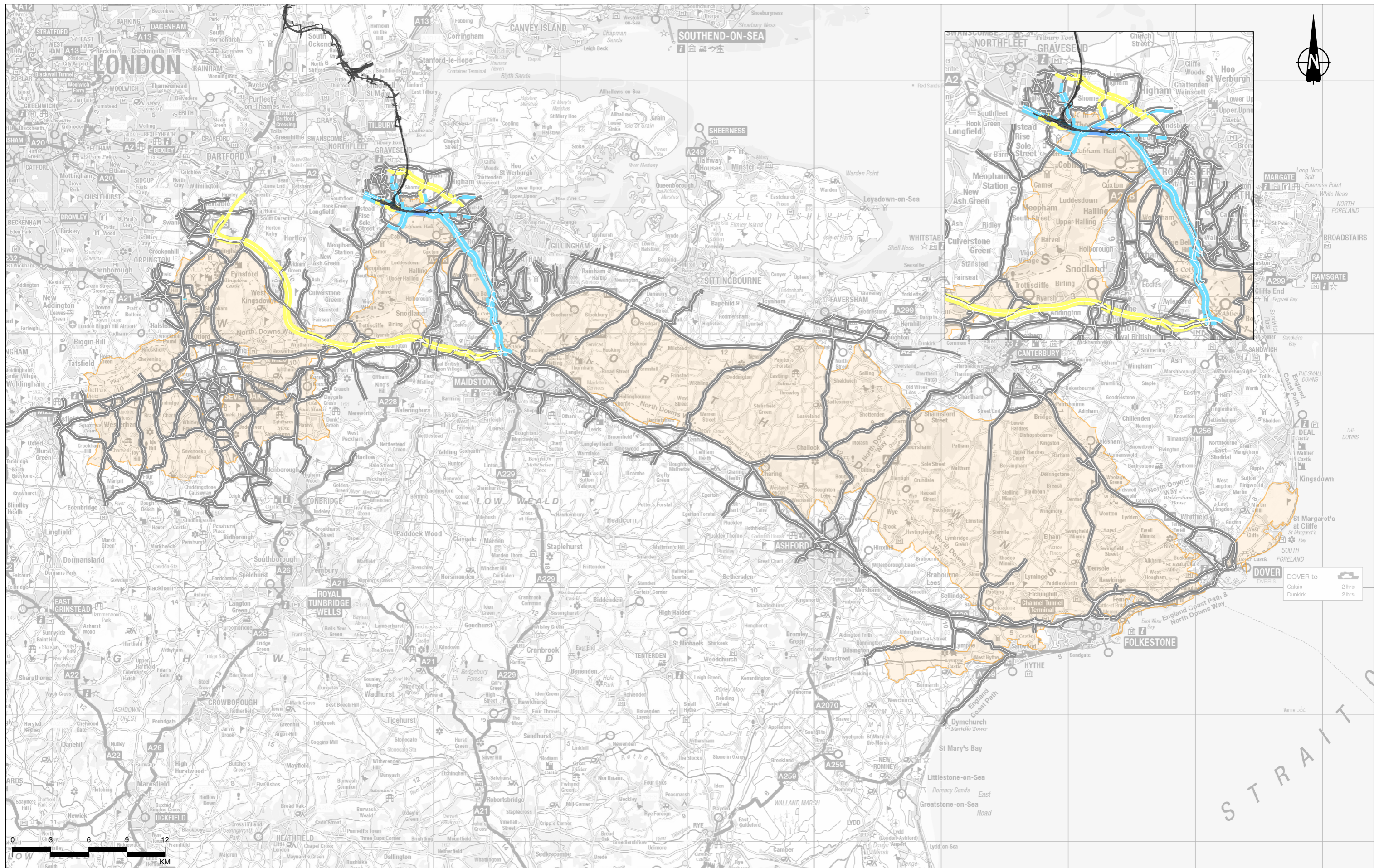
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Client: **national highways**

Project: **LOWER THAMES CROSSING**

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Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				
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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 change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 6**

- 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:**

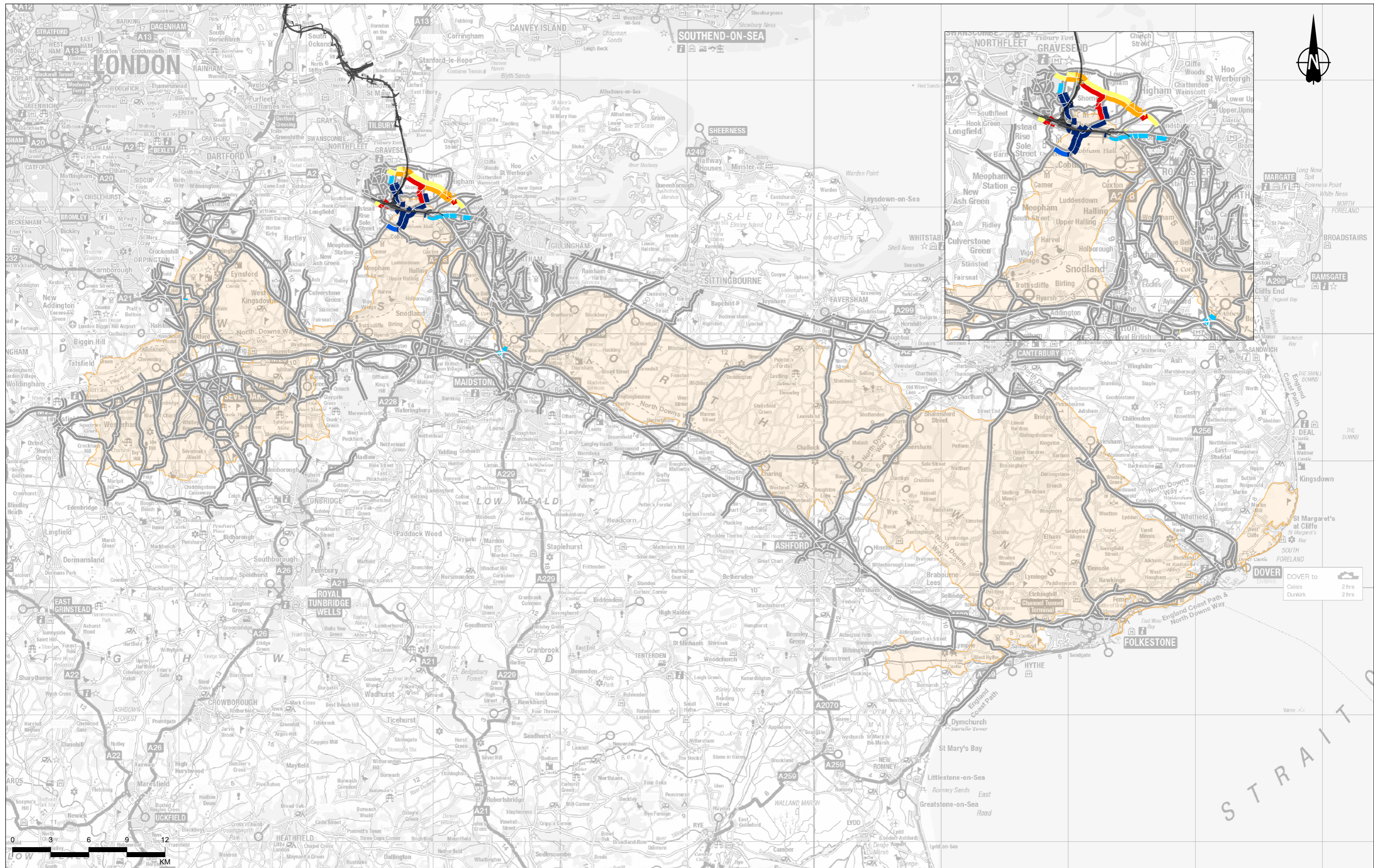
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3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and relevant Traffic Model version, reference should be made to Volume 7.9 Transport Assessment (Application Document TR010032/APP/7.9)



Client: **national highways**

Project: **LOWER THAMES CROSSING**

Status	PINS SUBMISSION	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 6 by number of PCUs during inter peak</b>					
Page 65 of 132					
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50126				



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Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) inter peak CC49 v23 Do-Min to Phase 6**

- 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:**

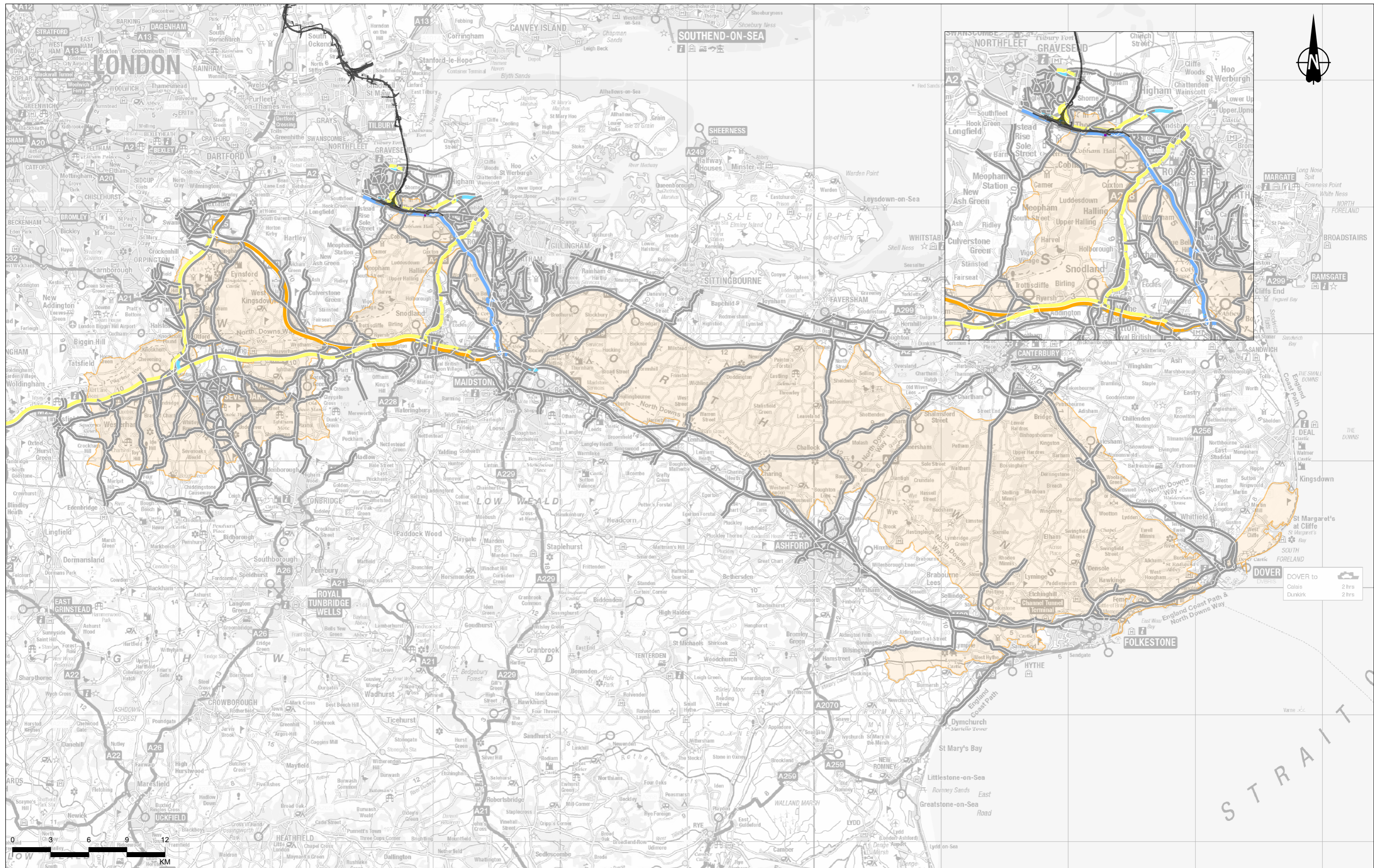
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Client: **national highways**

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 6 by percentage PCUs during inter peak				
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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 6**

- 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**

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

Drawing Title: **Figure 7.20.1 - Traffic effects on Kent Downs AONB during construction phase 6 by number of HGVs during inter peak**

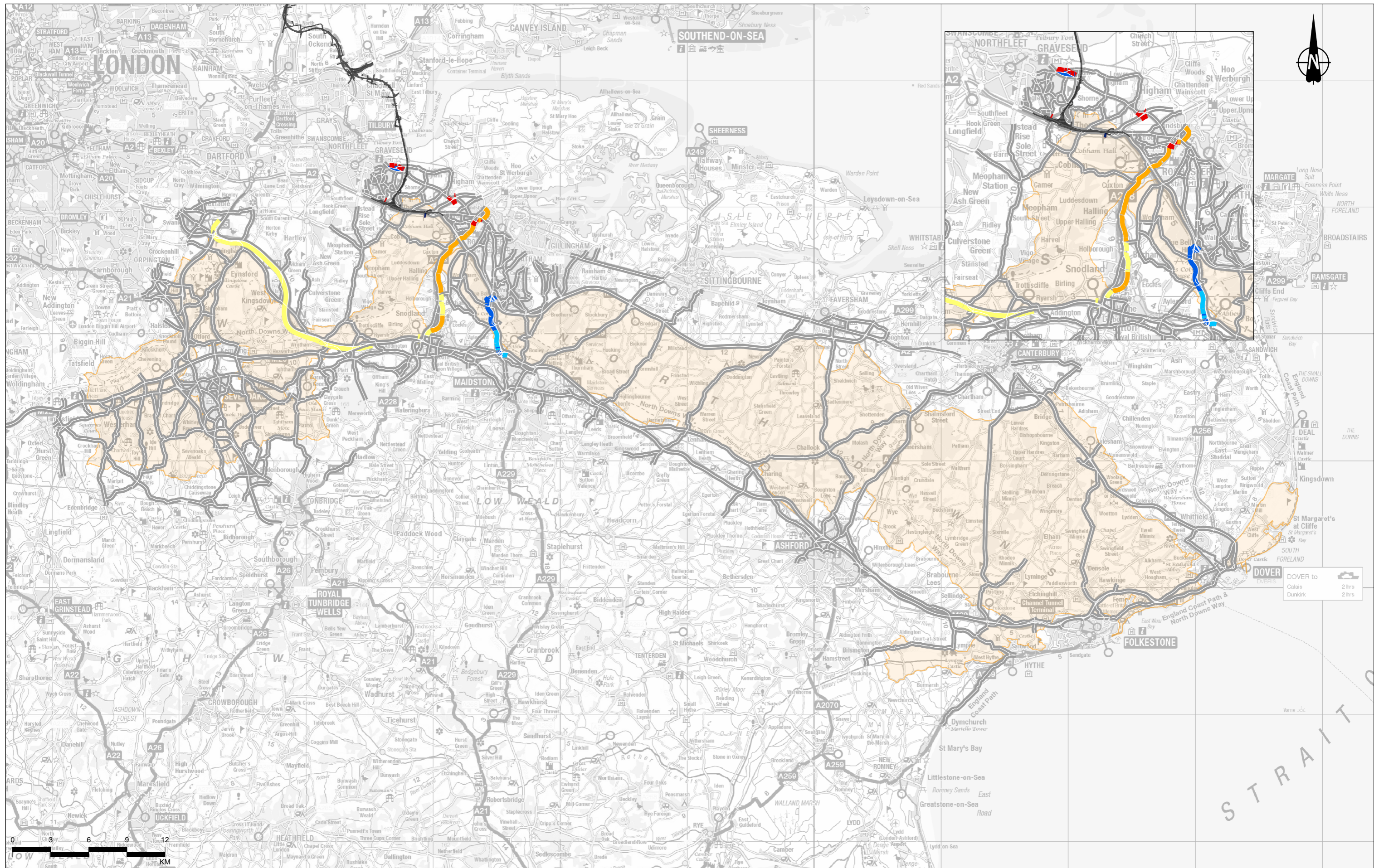
Page 67 of 132

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

Scale: 1:270,000

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) inter peak CC49 v23 Do-Min to Phase 6**

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

**Notes:**

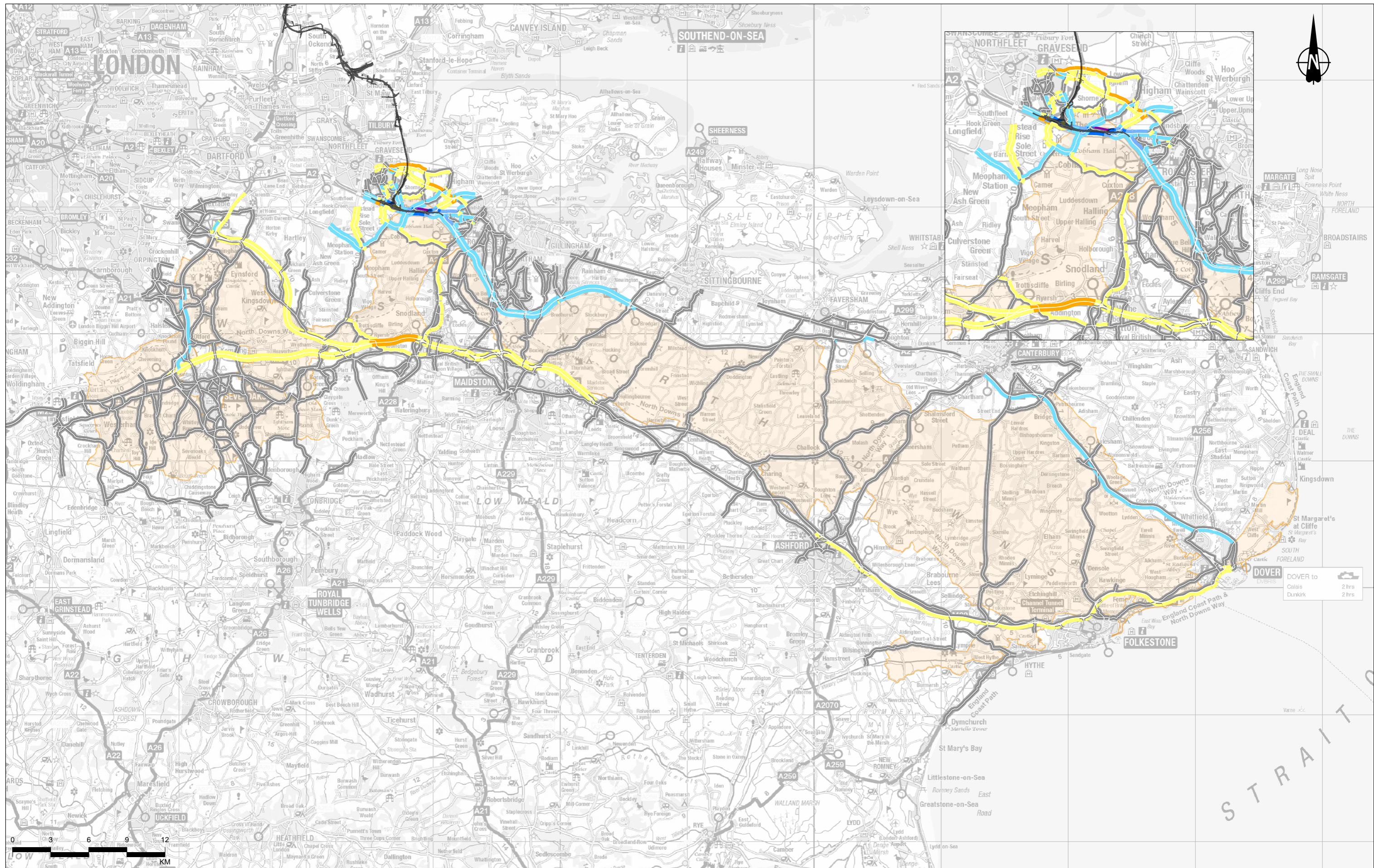
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Client: national highways

Project: LOWER THAMES CROSSING

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



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**Legend**

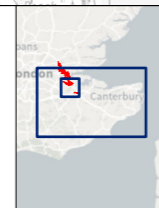
- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 6**

- 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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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)

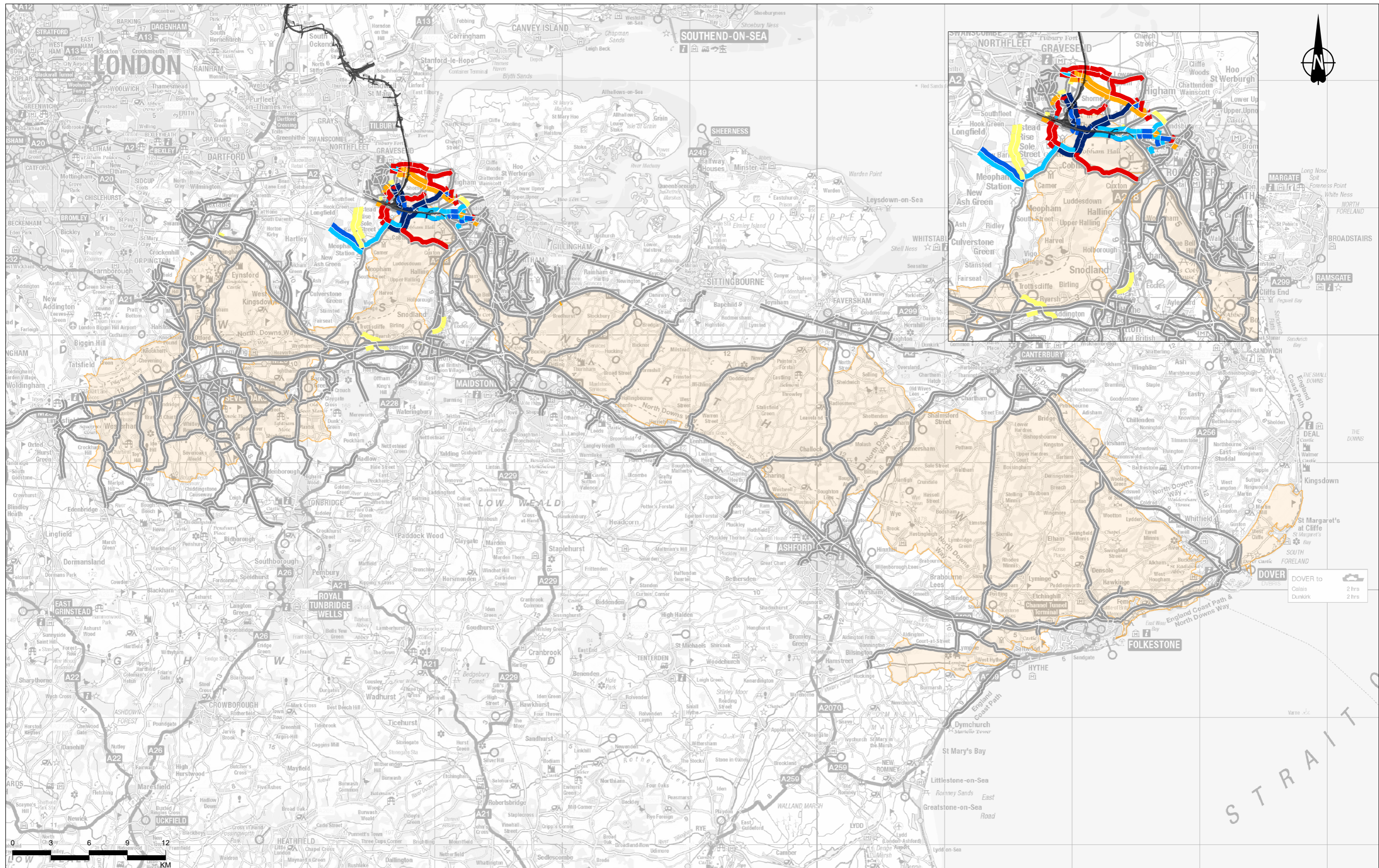


Client: **national highways**

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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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction percentage change in flow (PCUs) PM peak CC49 v23 Do-Min to Phase 6**

- 40% to -20%
- 20% to -10%
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- +20% to +40%
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**Notes:**

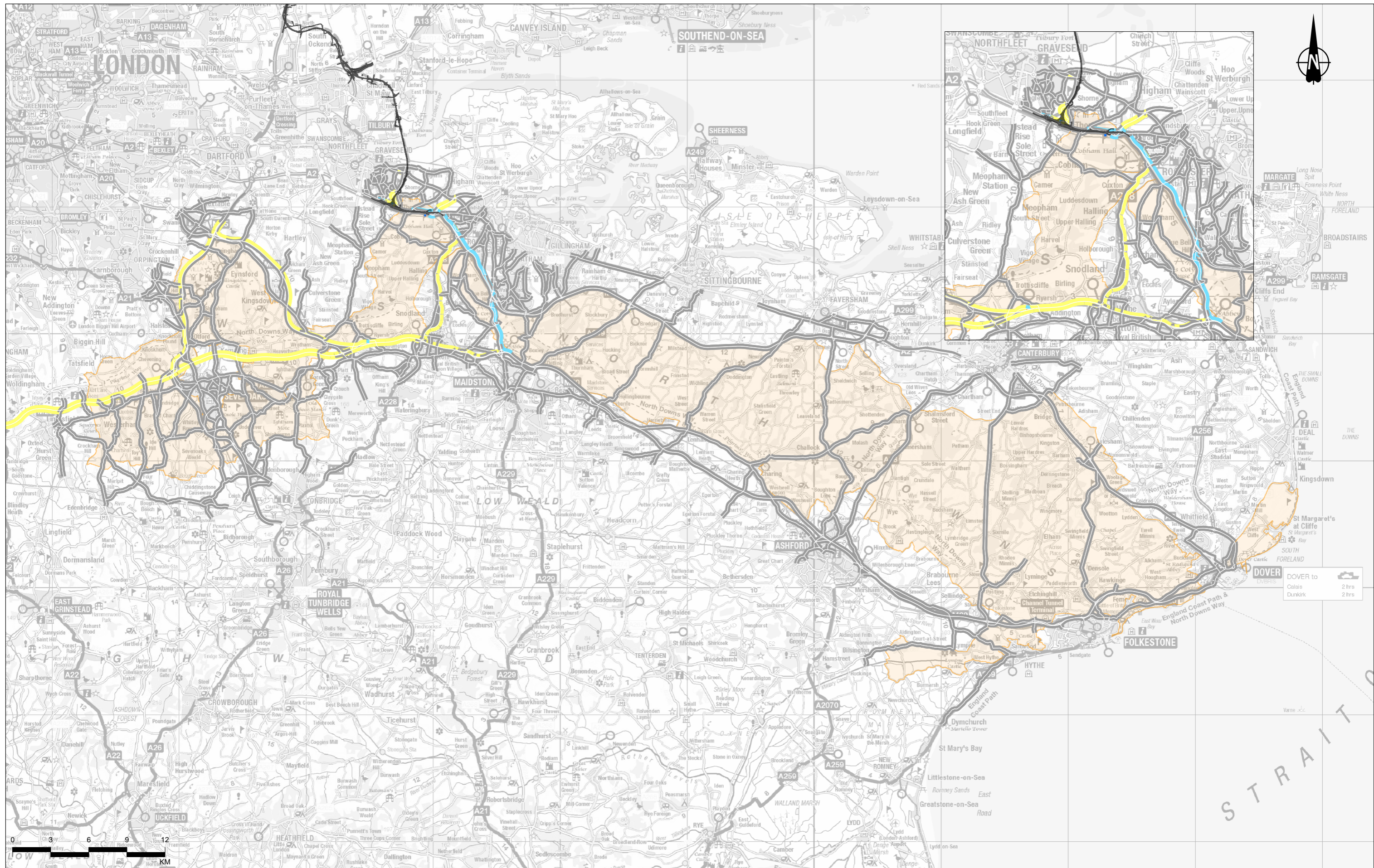
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**Legend**

- Kent Downs Area of Outstanding Natural Beauty
- Project route

**Construction change in flow (HGVs) PM peak CC49 v23 Do-Min to Phase 6**

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

**Notes:**

1. PCUs = Passenger Car Units
2. HGVs = Heavy Goods Vehicles
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**Client**

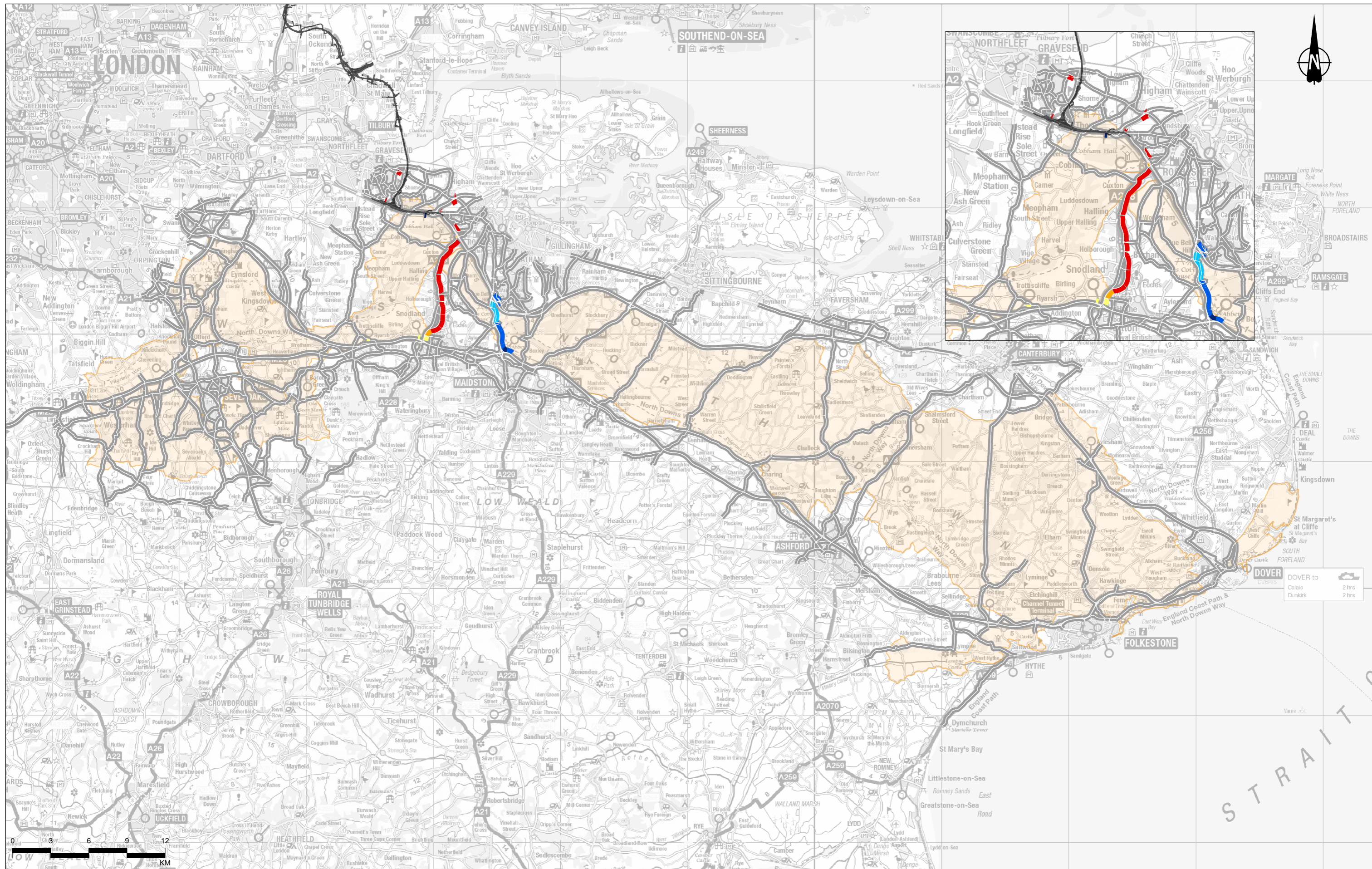
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**Project**

**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 6 by number of HGVs during PM peak					
Page	Page 71 of 132					
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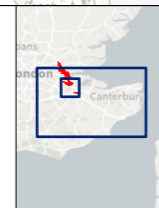
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