

Lower Thames Crossing

6.2 Environmental Statement Figures Figure 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2030 and 2045

(Tracked Changes Version)

APFP Regulation 5(2)(a)

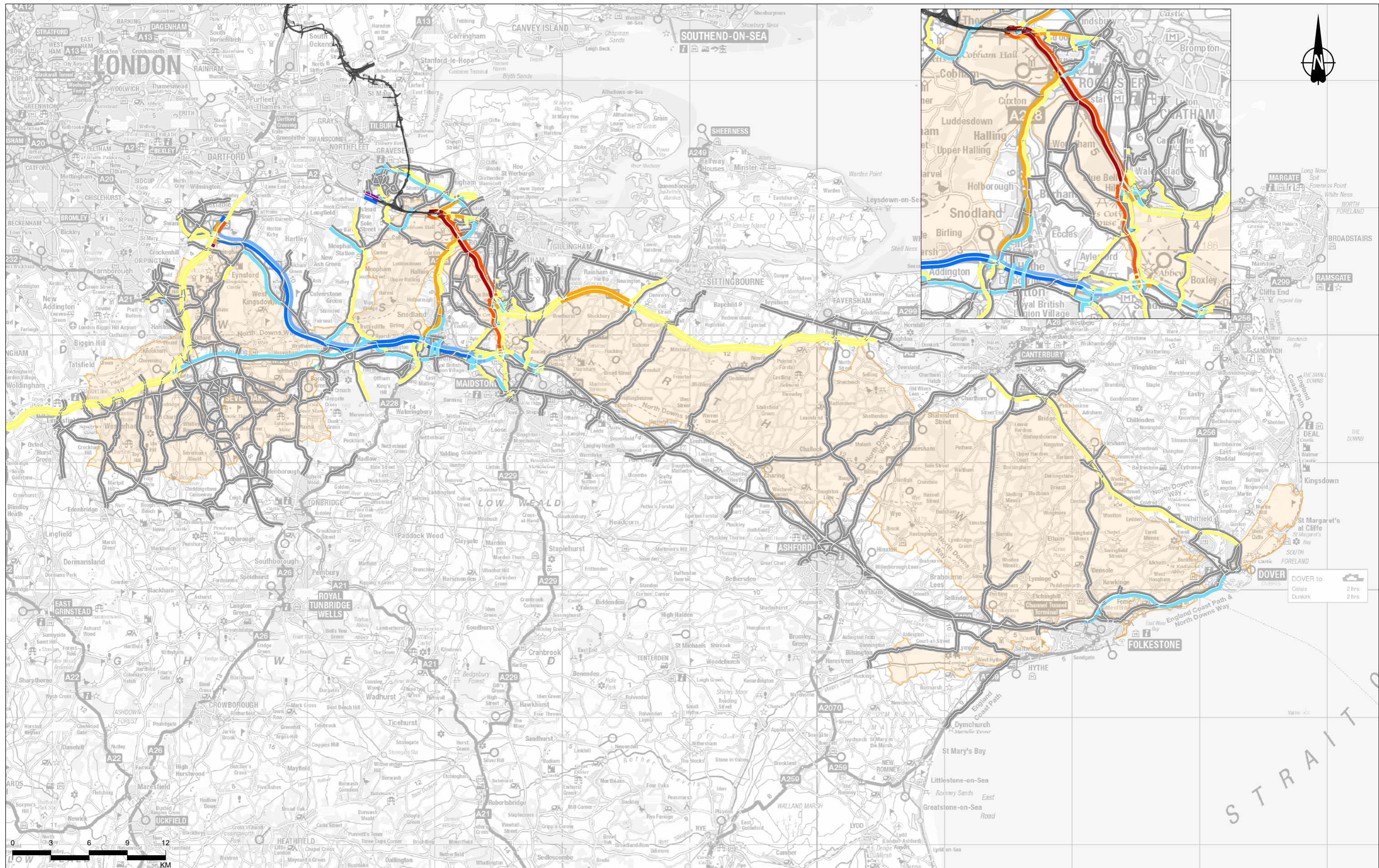
Infrastructure Planning (Applications:
Prescribed Forms and Procedure)
Regulations 2009

Volume 6

DATE: July 2023
DEADLINE: 1

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

VERSION: 2.0



Legend

- Kent Downs Area of Outstanding Natural Beauty
- Project route

Change in flow (PCUs) AM peak 2030 Do-Min (CM49) to Do-Something (CS72)

- Below -1000
- 999 to -500
- 499 to -250
- 249 to -50
- 49 to +50
- +51 to +250
- +251 to +500
- +501 to +1000
- Over +1001

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 Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling and Appraisal Report - Appendix C - Transport Forecasting Package (Application Document TR010032/APP/7.7)

P01	S8	03/10/2022	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

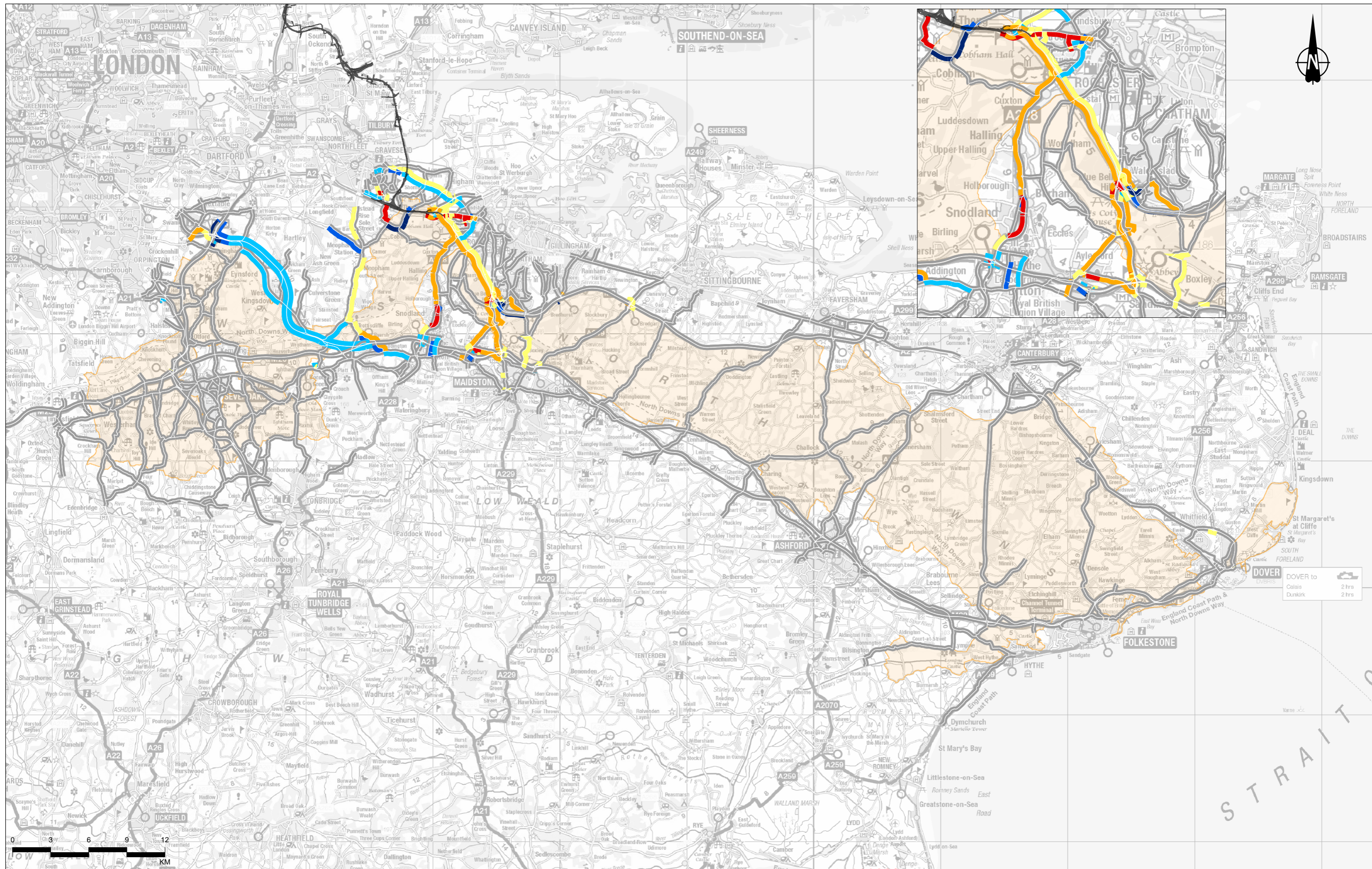
Client: **national highways**

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 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2030 by number of PCUs during AM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

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- Kent Downs Area of Outstanding Natural Beauty
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Percentage change in flow (PCUs) AM peak 2030 Do-Min (CM49) to Do-Something (CS72)

- 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:

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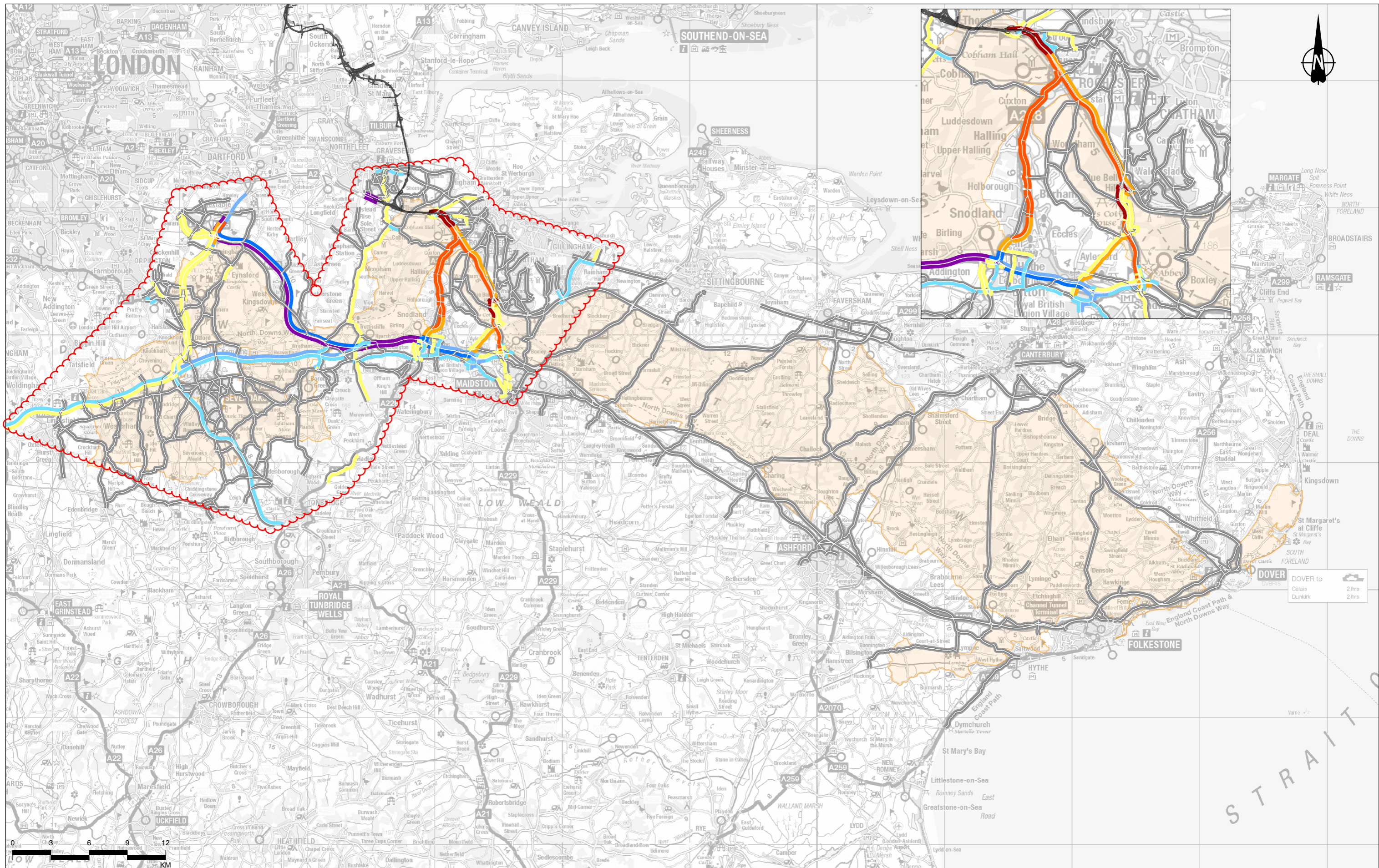


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Legend

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- Project route

Change in flow (HGVs) AM peak 2030 Do-Min (CM49) to Do-Something (CS72)

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

Notes:

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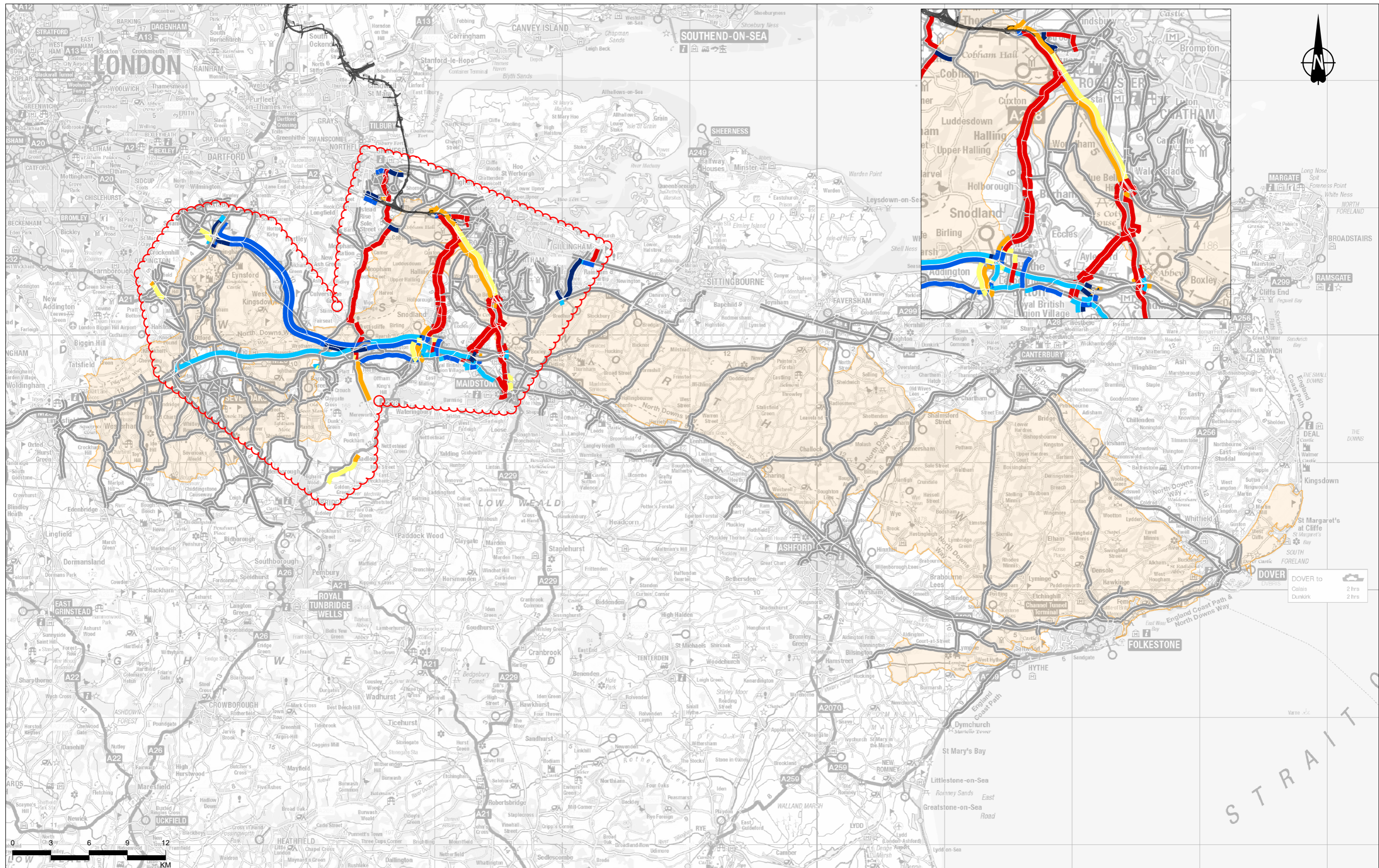


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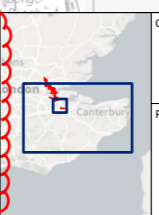
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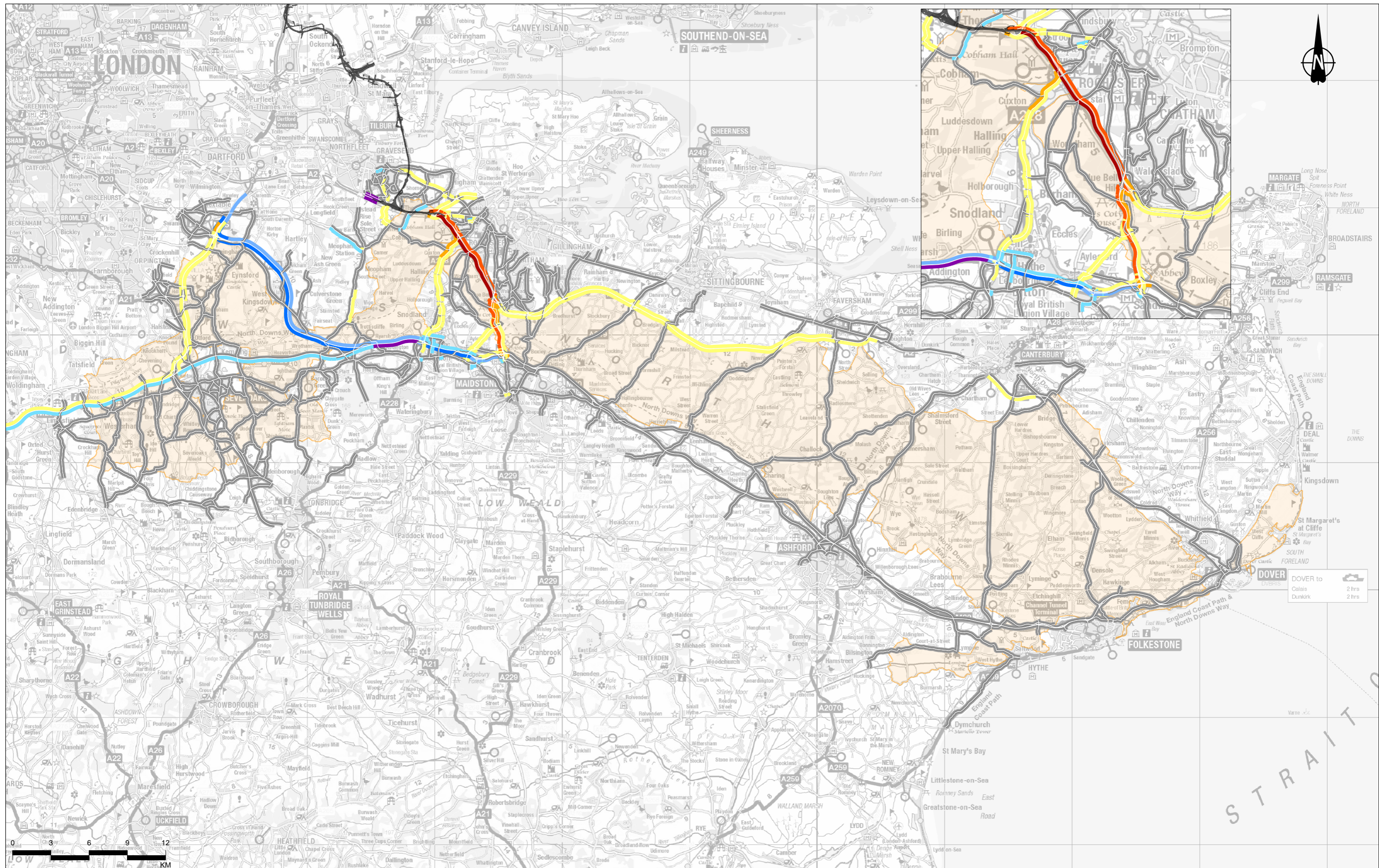


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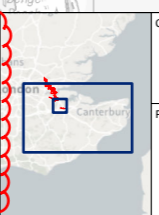
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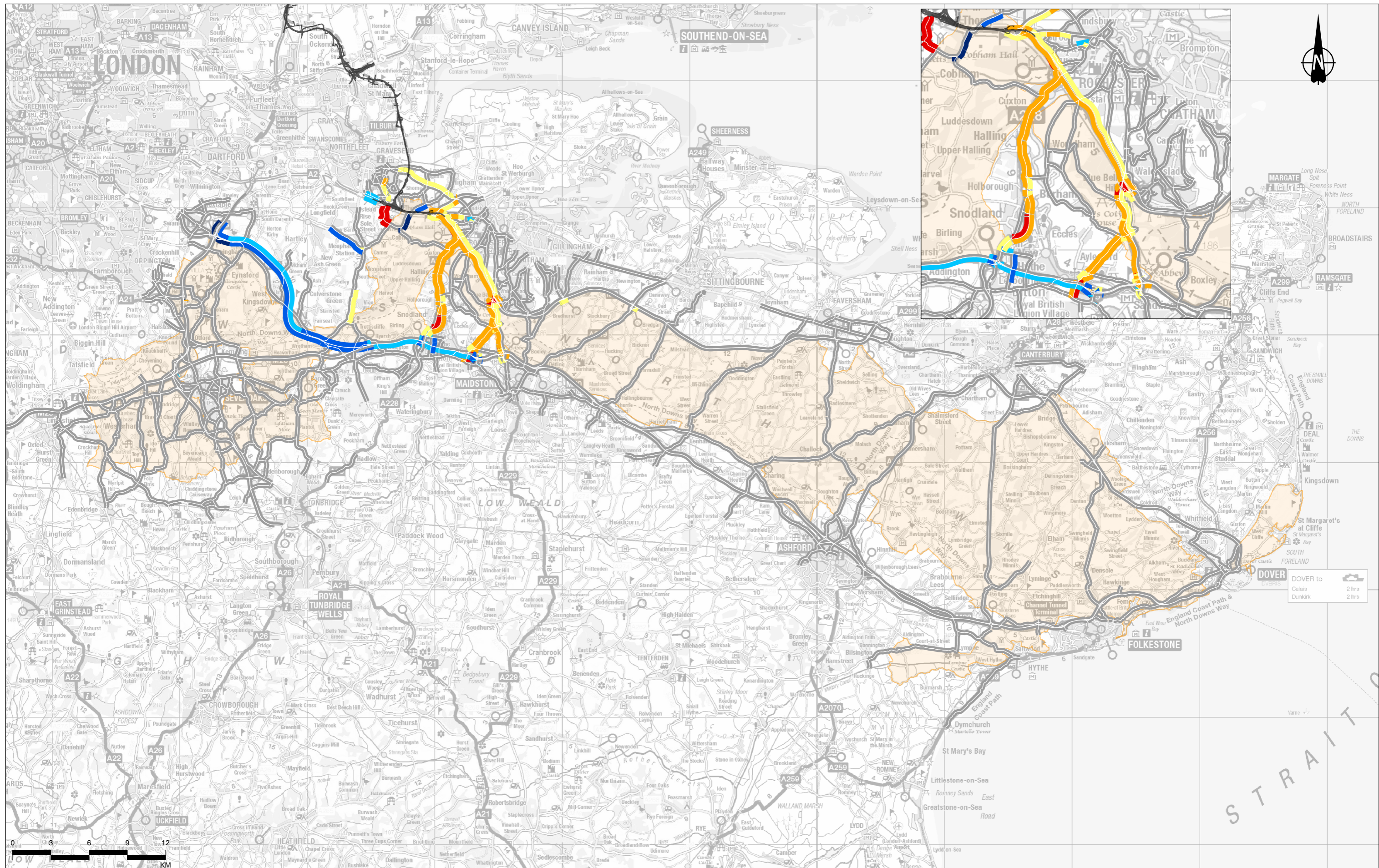


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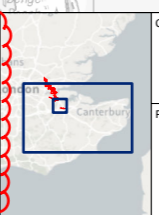
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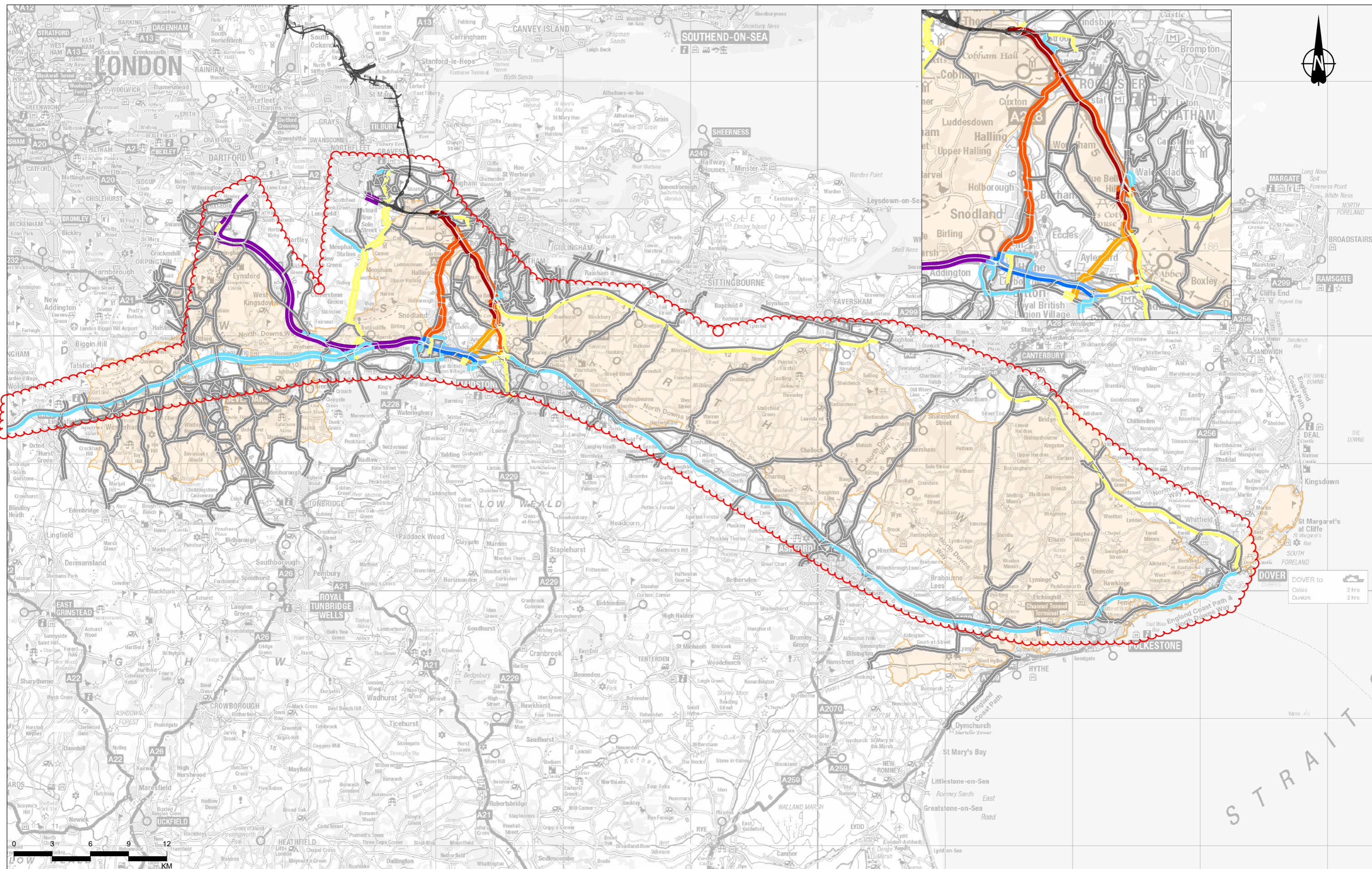
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- Below -100
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- 25 to -6
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- +6 to +25
- +26 to +50
- +51 to +100
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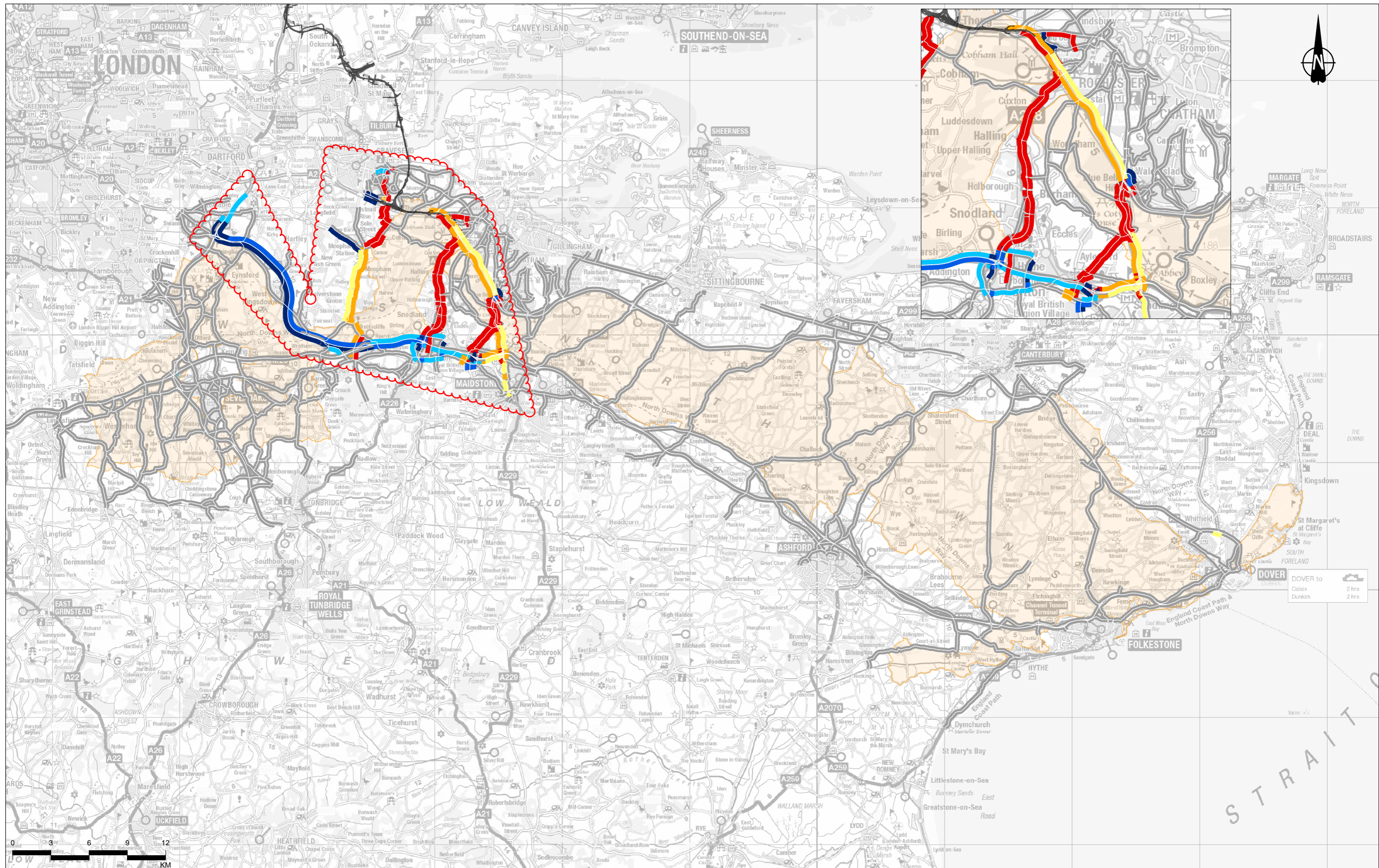


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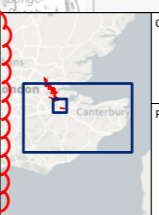
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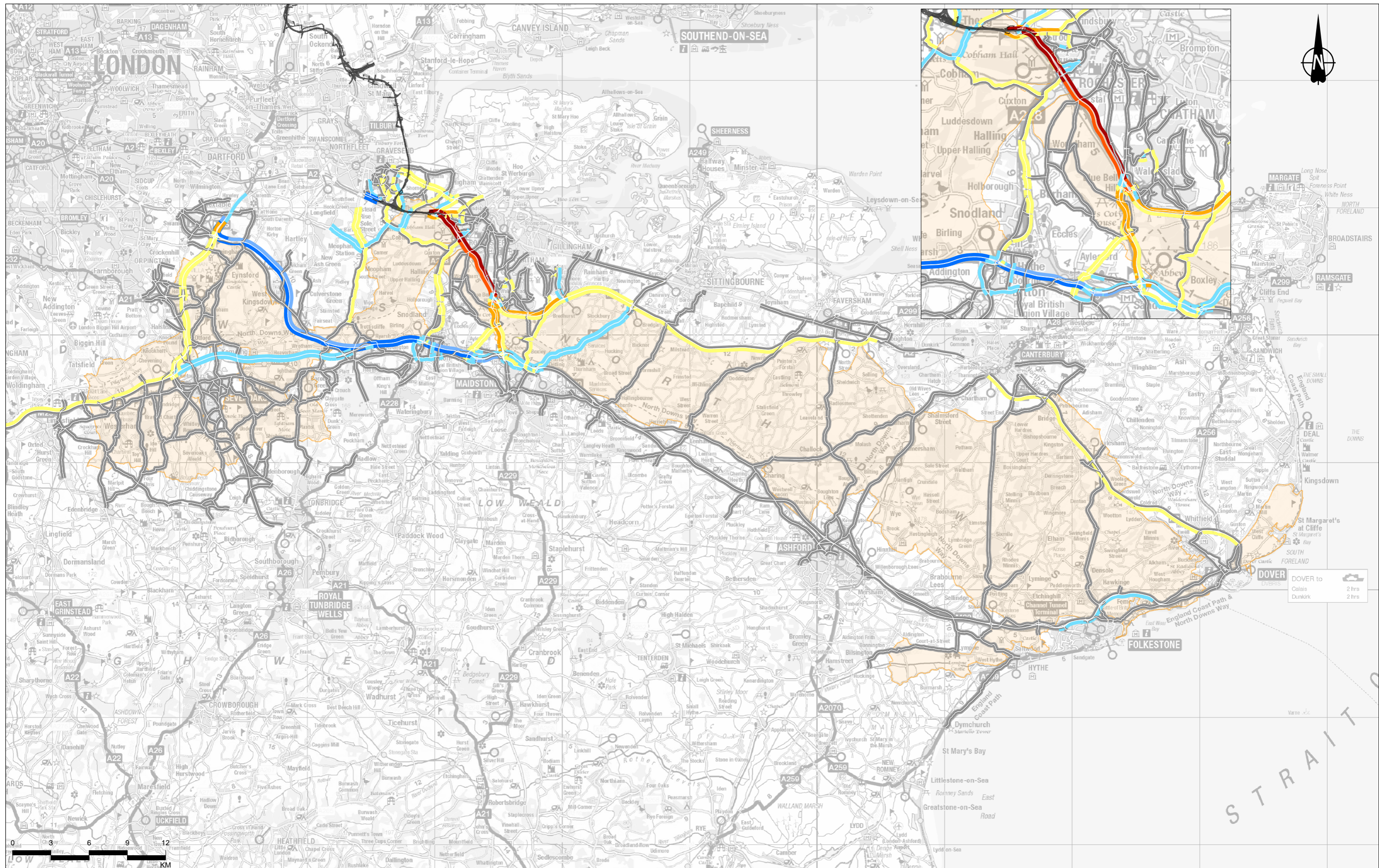
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Legend

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- Project route

Change in flow (PCUs) PM peak 2030 Do-Min (CM49) to Do-Something (CS72)

Below -1000	-249 to -50
-999 to -500	-49 to +50
-499 to -250	+51 to +250
	+251 to +500
	+501 to +1000
	Over +1001

Notes:
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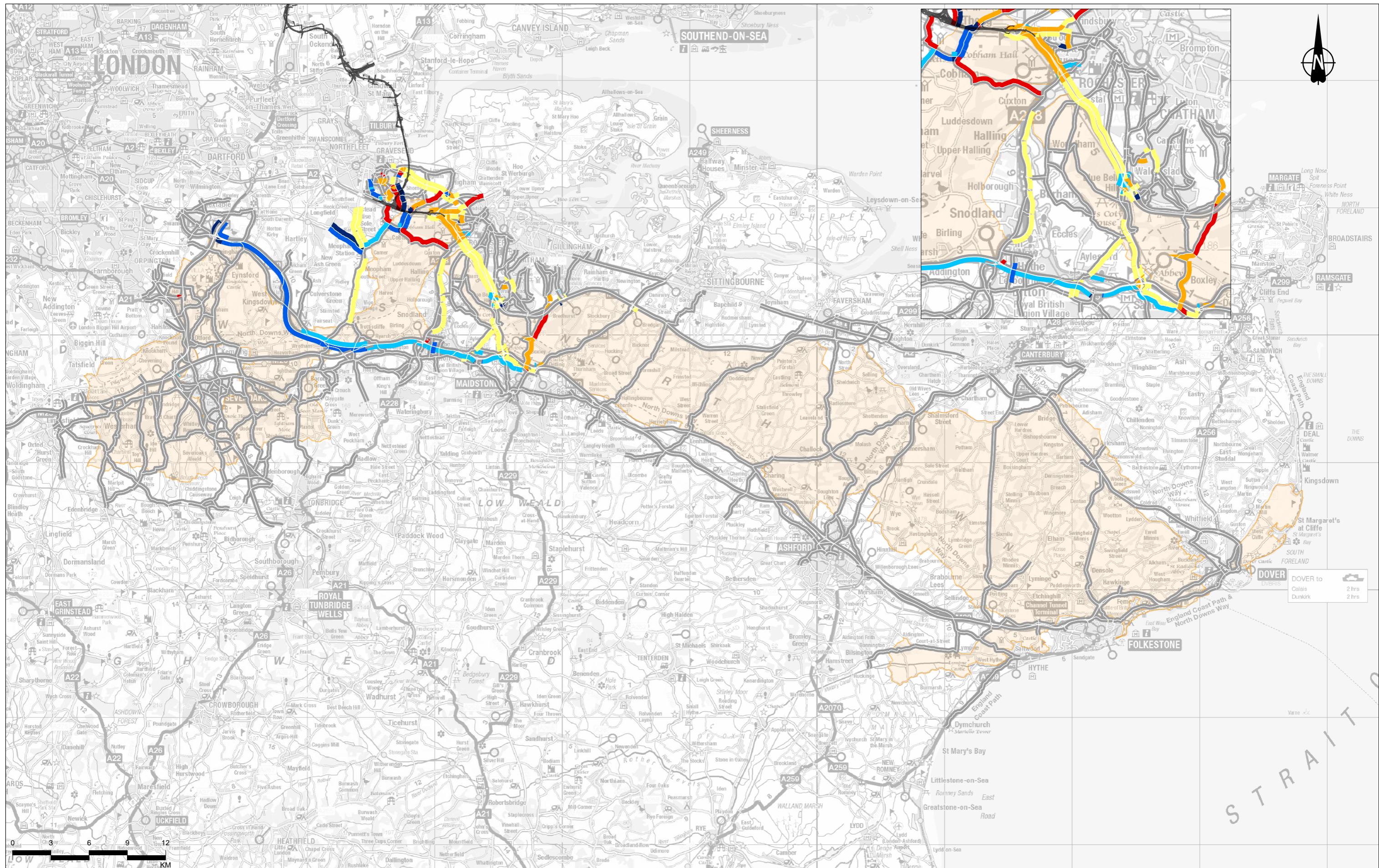
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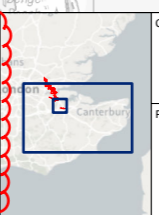
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Percentage change in flow (PCUs) Do-Min (CM49) to Do-Something (CS72)

- Below -40%
- 40% to -20%
- 20% to -10%
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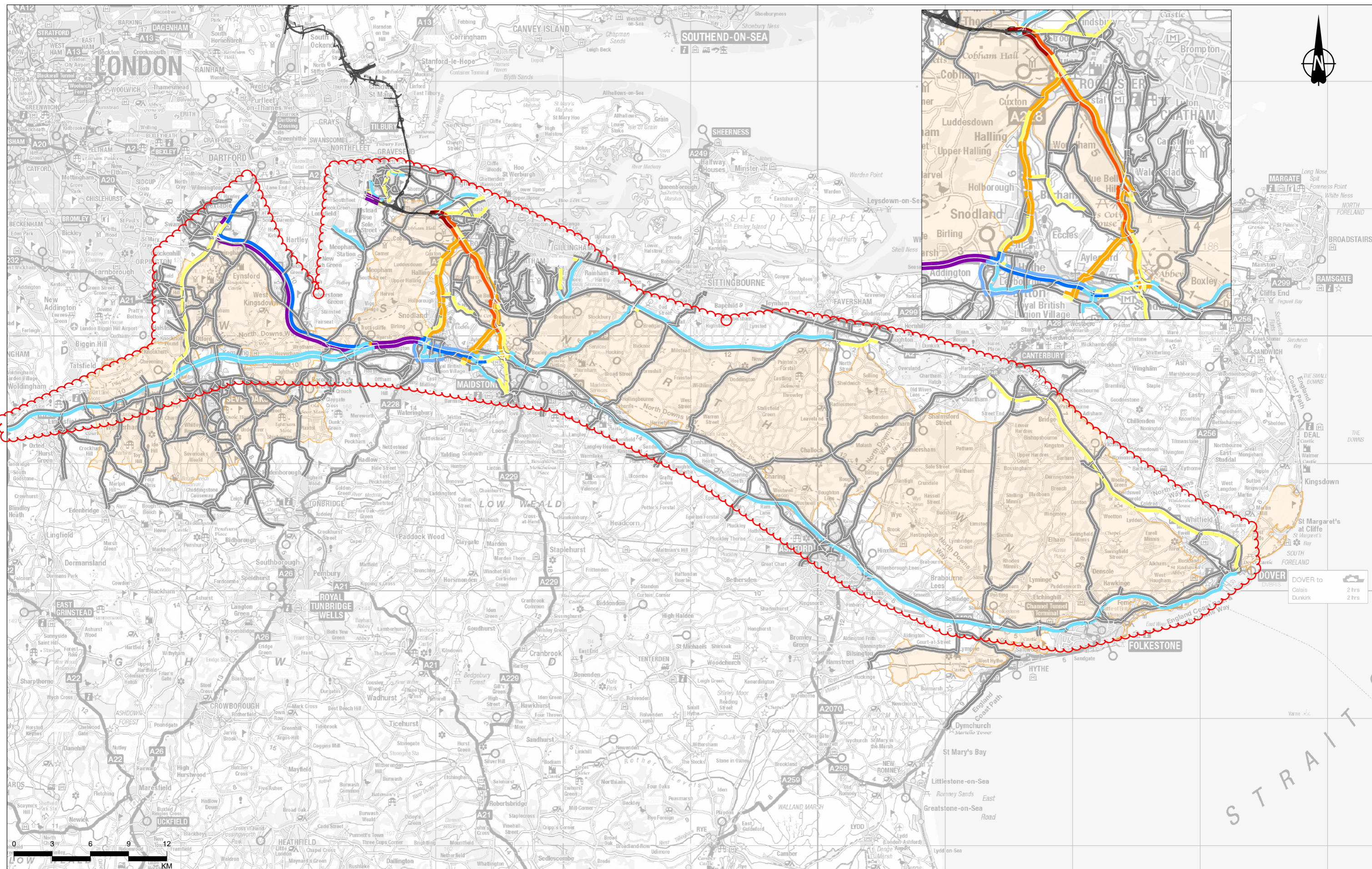


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- Below -100
- 99 to -51
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- 25 to -6
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- +26 to +50
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- Over +100

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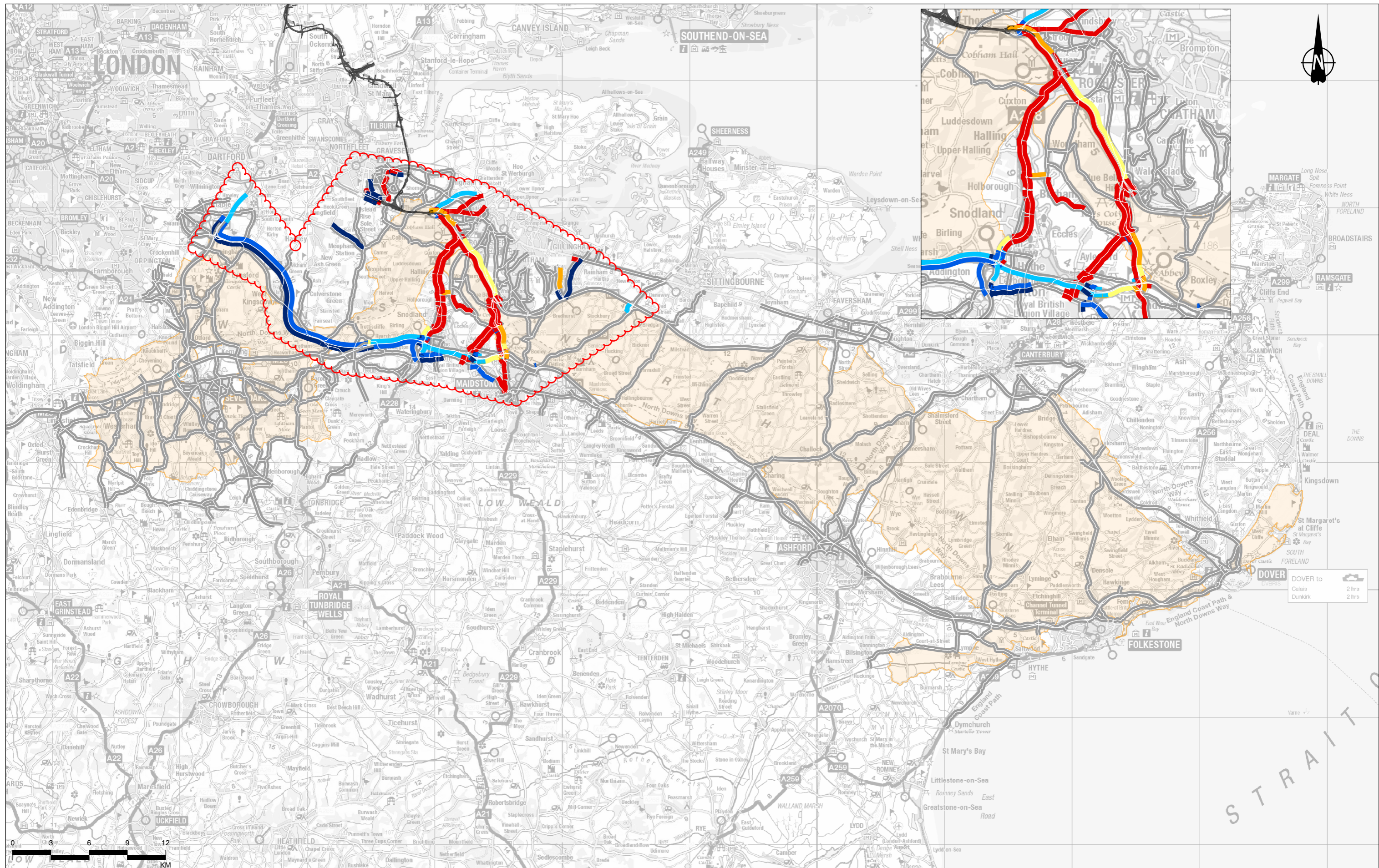


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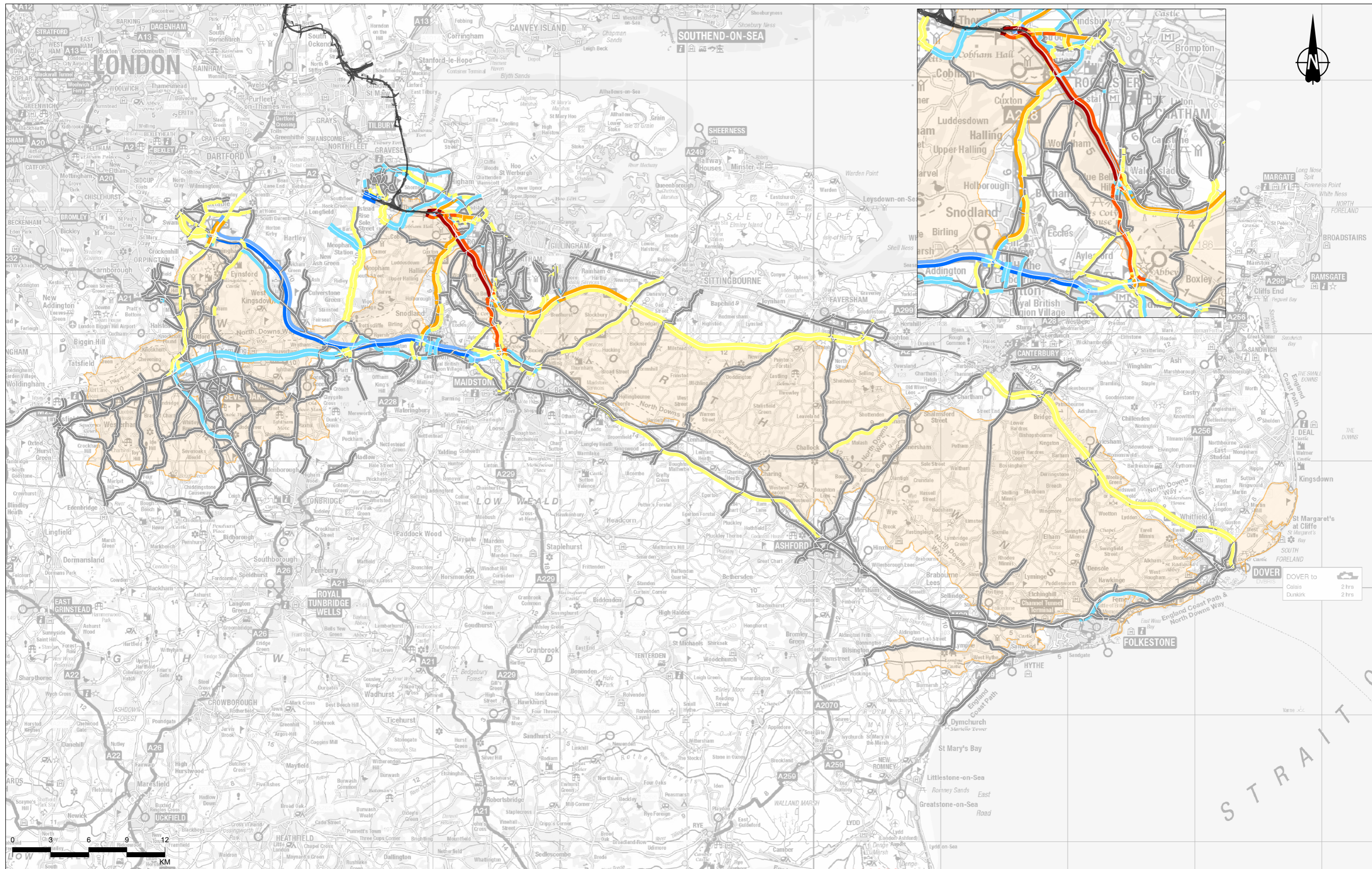
Percentage change in flow (HGVs) PM peak 2030 Do-Min (CM49) to Do-Something (CS72)

Dark Blue	Below -40%	Light Blue	-20% to -10%
Blue	-40% to -20%	Yellow	+10% to +20%
Light Blue	-20% to -10%	Orange	+20% to +40%
Dark Blue	Below -40%	Red	Over +40%

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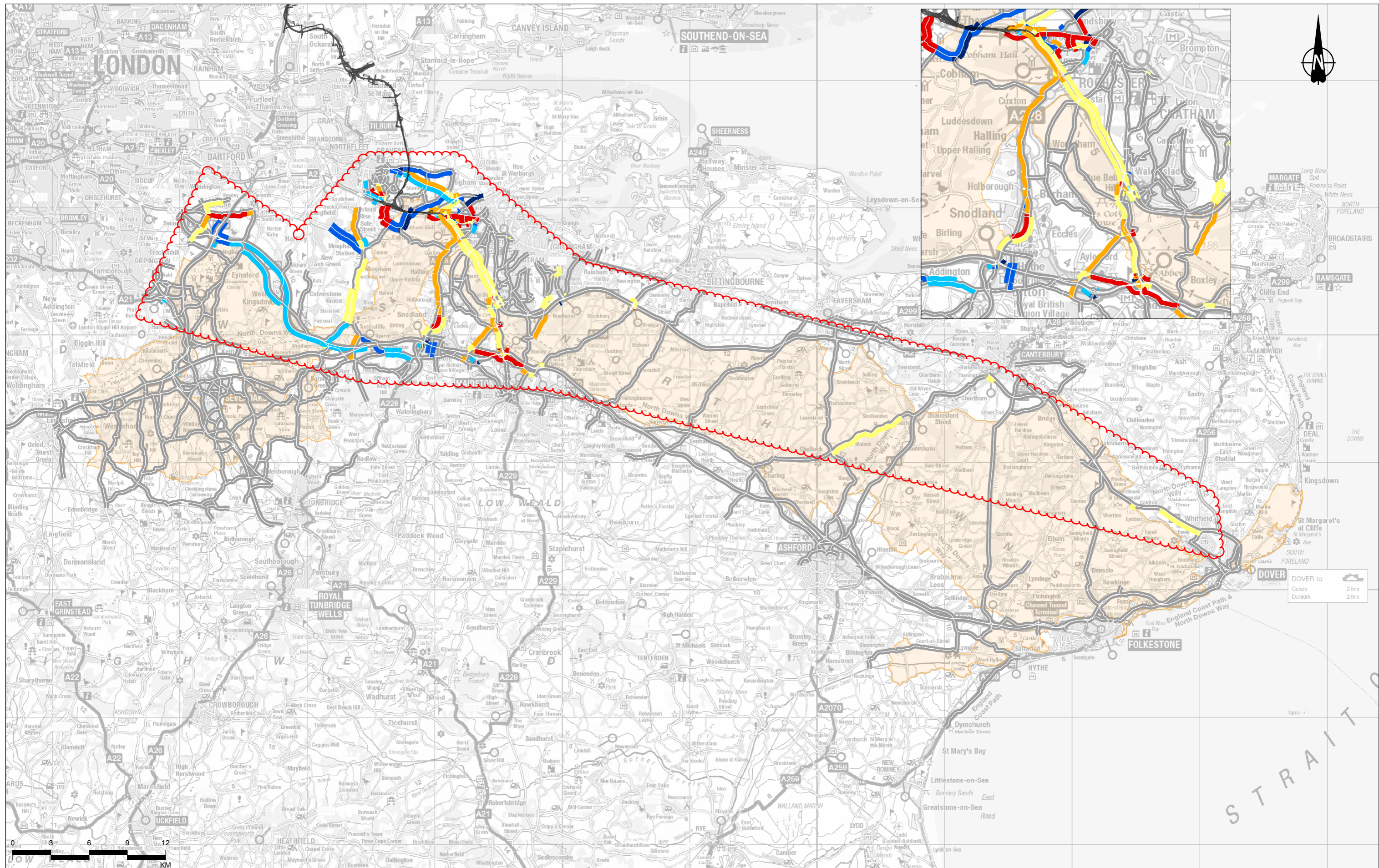
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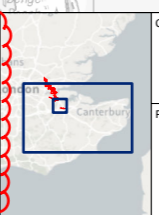
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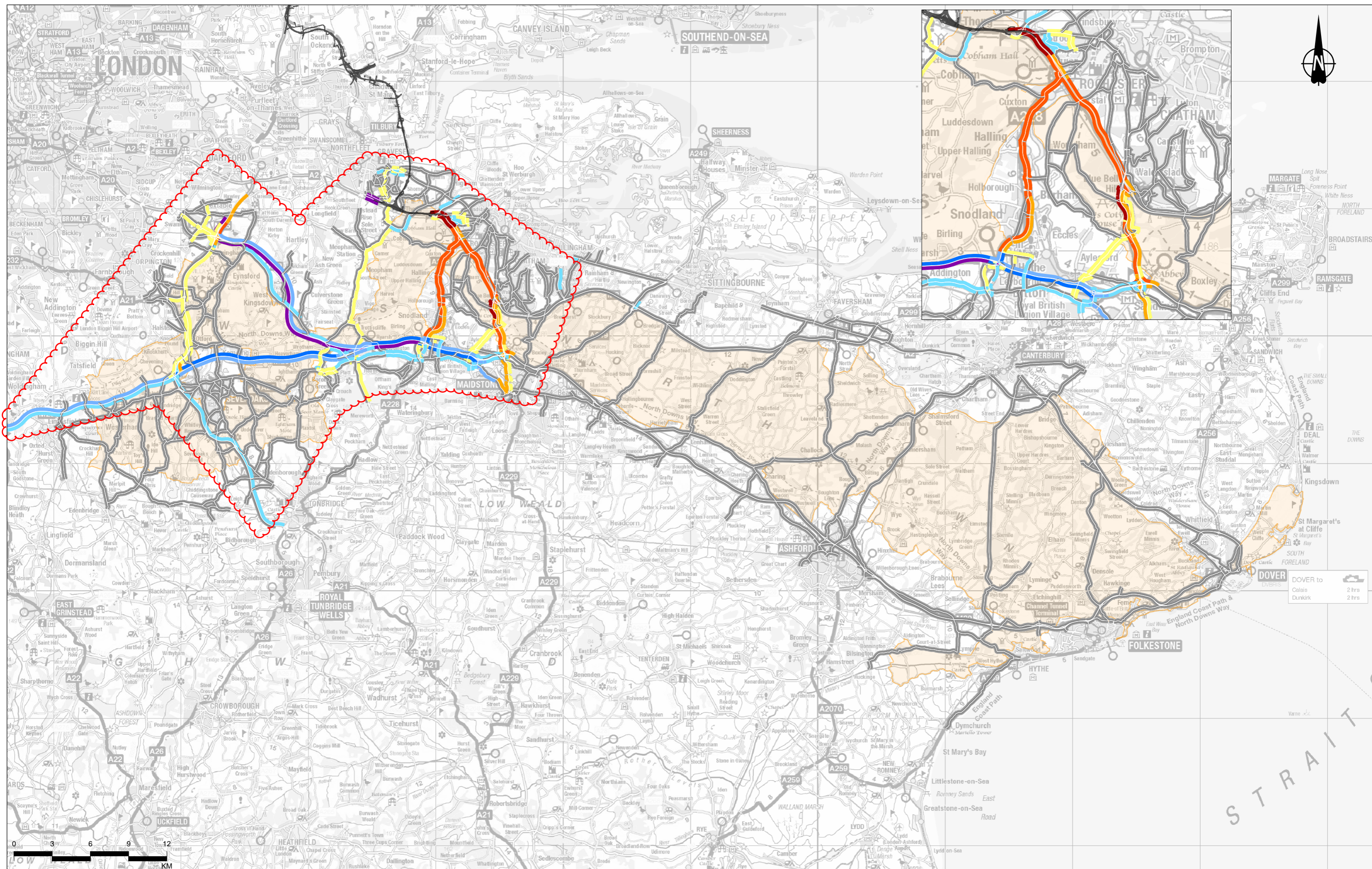


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- Kent Downs Area of Outstanding Natural Beauty
- Project route

Change in flow (HGVs) AM peak 2045 Do-Min (CM49) to Do-Something (CS72)

Below -100	-25 to -6
-99 to -51	-5 to +5
-50 to -26	+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 Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling and Appraisal Report - Appendix C - Transport Forecasting Package (Application Document TR010032/APP/7.7)

P01	S8	03/10/2022	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

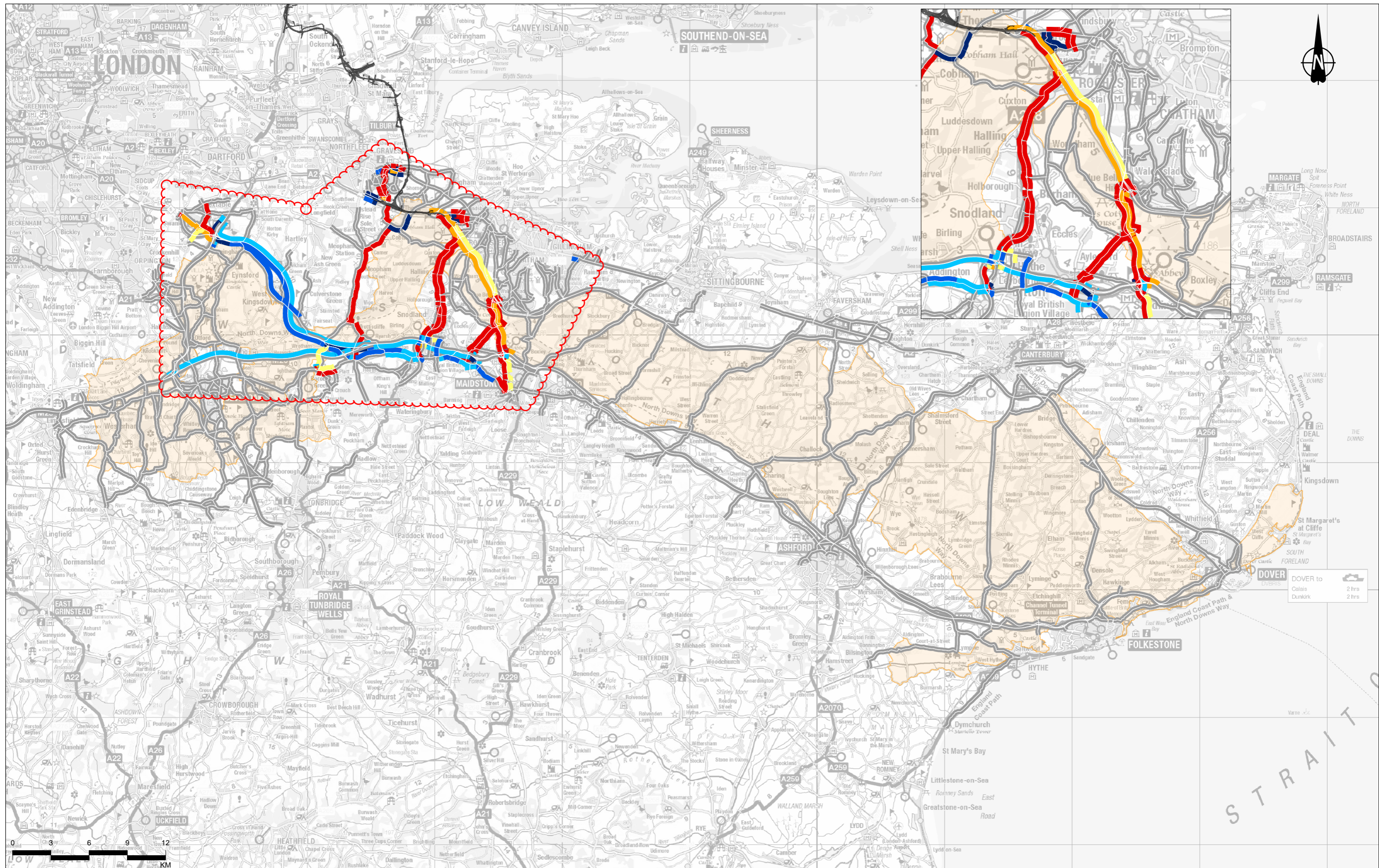
Client: **national highways**

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 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by number of HGVs during AM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

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

Legend

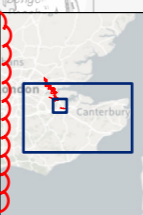
- Kent Downs Area of Outstanding Natural Beauty
- Project route

Percentage change in flow (HGVs) AM peak 2045 Do-Min (CM49) to Do-Something (CS72)

- 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 Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling and Appraisal Report - Appendix C - Transport Forecasting Package (Application Document TR010032/APP/7.7)

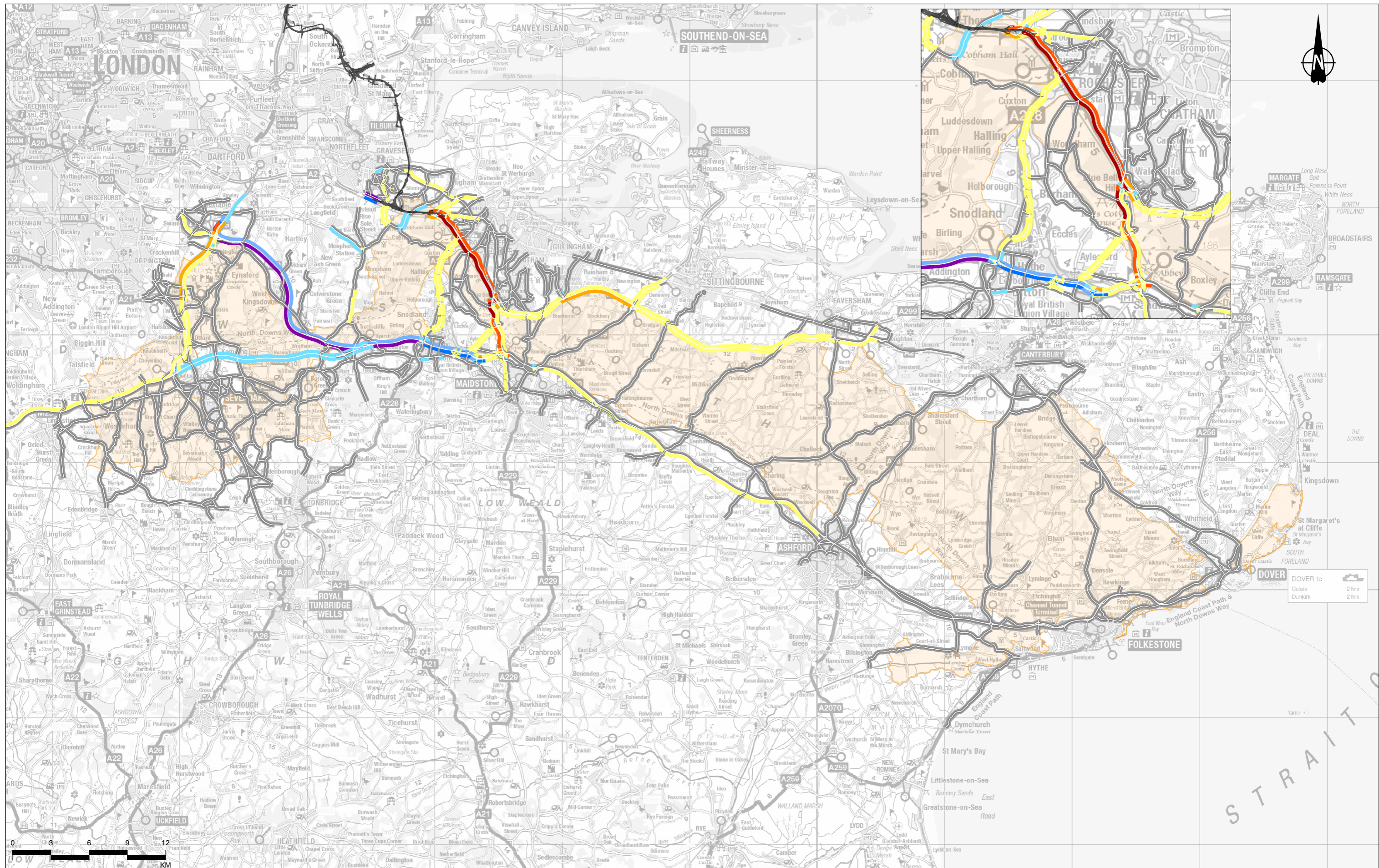


Client: **national highways**

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 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by percentage HGVs during AM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

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

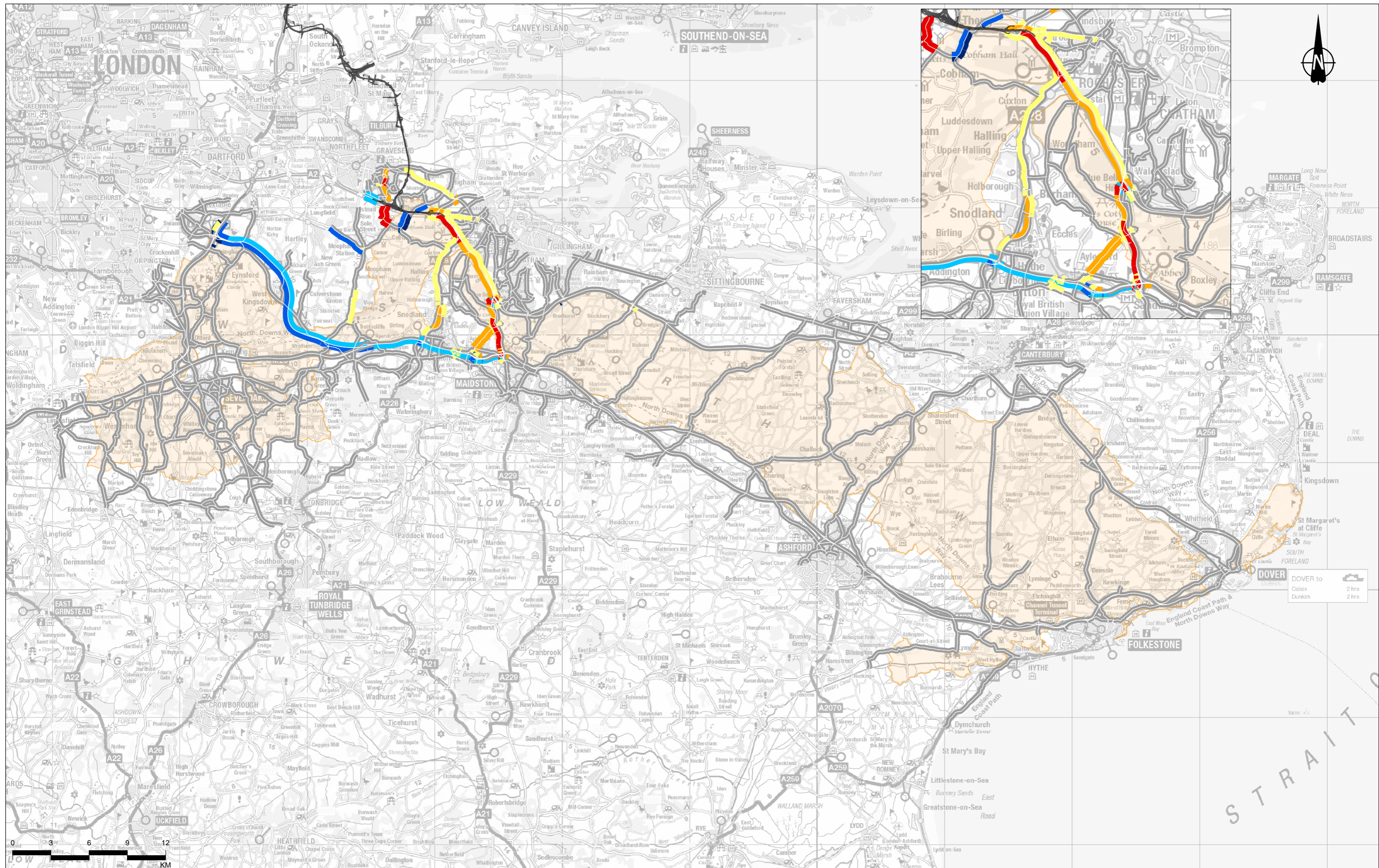
Change in flow (PCUs) inter peak 2045 Do-Min (CM49) to Do-Something (CS72)

Below -1000	-249 to -50
-999 to -500	-49 to +50
-499 to -250	+51 to +250
	+251 to +500
	+501 to +1000
	Over +1001

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 Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling and Appraisal Report - Appendix C - Transport Forecasting Package (Application Document TR010032/APP/7.7)

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

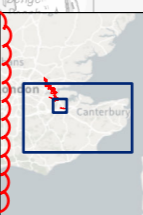
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		Figure 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by number of PCUs during inter peak				Page 17 of 24	
		Drawing Number				HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127	



P01	S8	03/10/2022	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

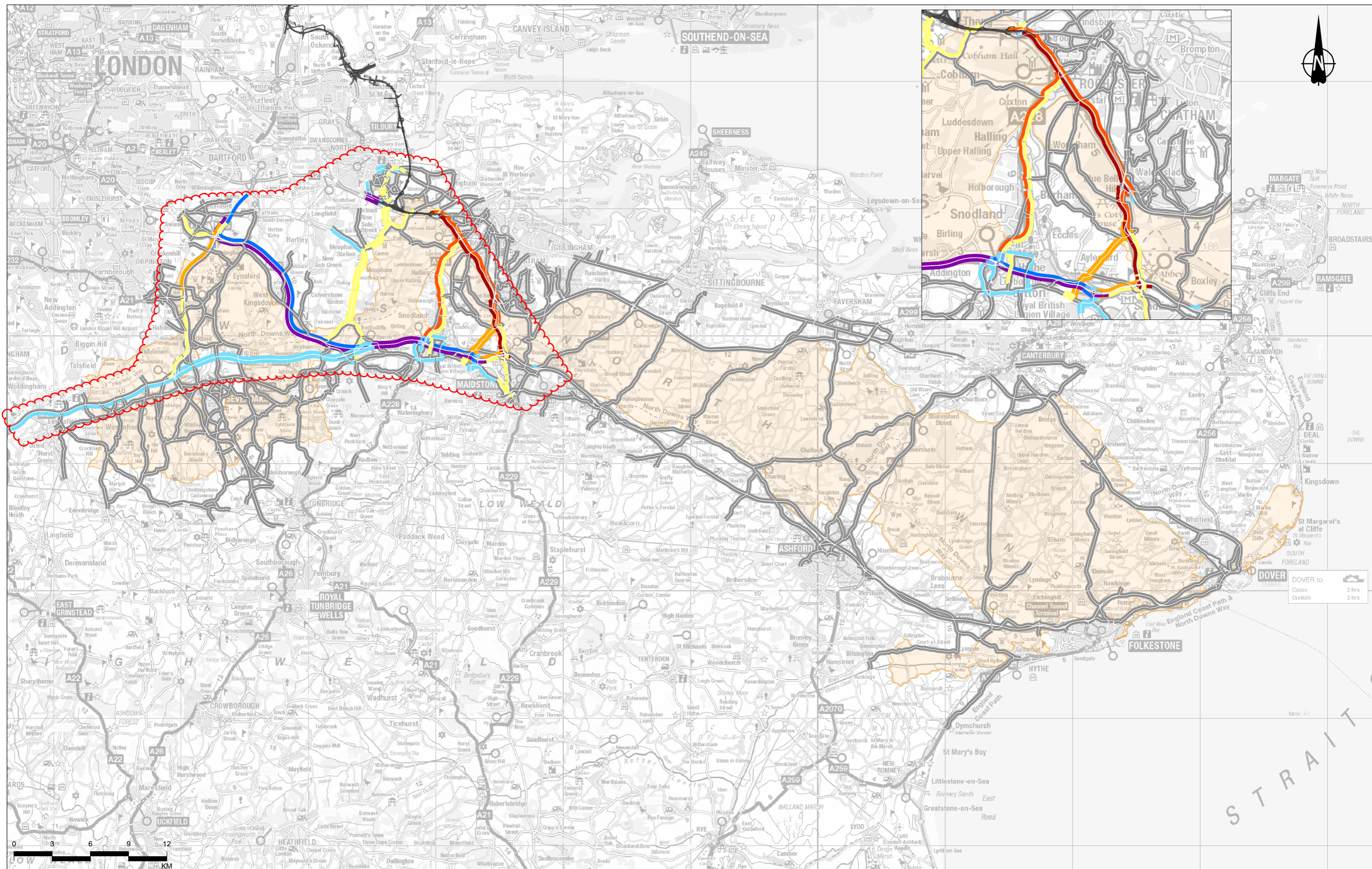
Percentage change in flow (PCUs) inter peak 2045 Do-Min (CM49) to Do-Something (CS72)	
	Below -40%
	-40% to -20%
	-20% to -10%
	-10% to +10% (or change less than 50 PCUs)
	+10% to +20%
	+20% to +40%
	Over +40%



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 7.20.2 - Traffic effects on Kent Downs AONB during inter peak operational year 2045 by percentage PCUs during inter peak				
Page	Page 18 of 24				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				



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Legend

- Kent Downs Area of Outstanding Natural Beauty
- Project route

Change in flow (HGVs) inter peak 2045 Do-Min (CM49) to Do-Something (CS72)

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

Notes:

- PCUs = Passenger Car Units
- HGVs = Heavy Goods Vehicles
- For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling and Appraisal Report - Appendix C - Transport Forecasting Package (Application Document TR010032/APP/7.7)

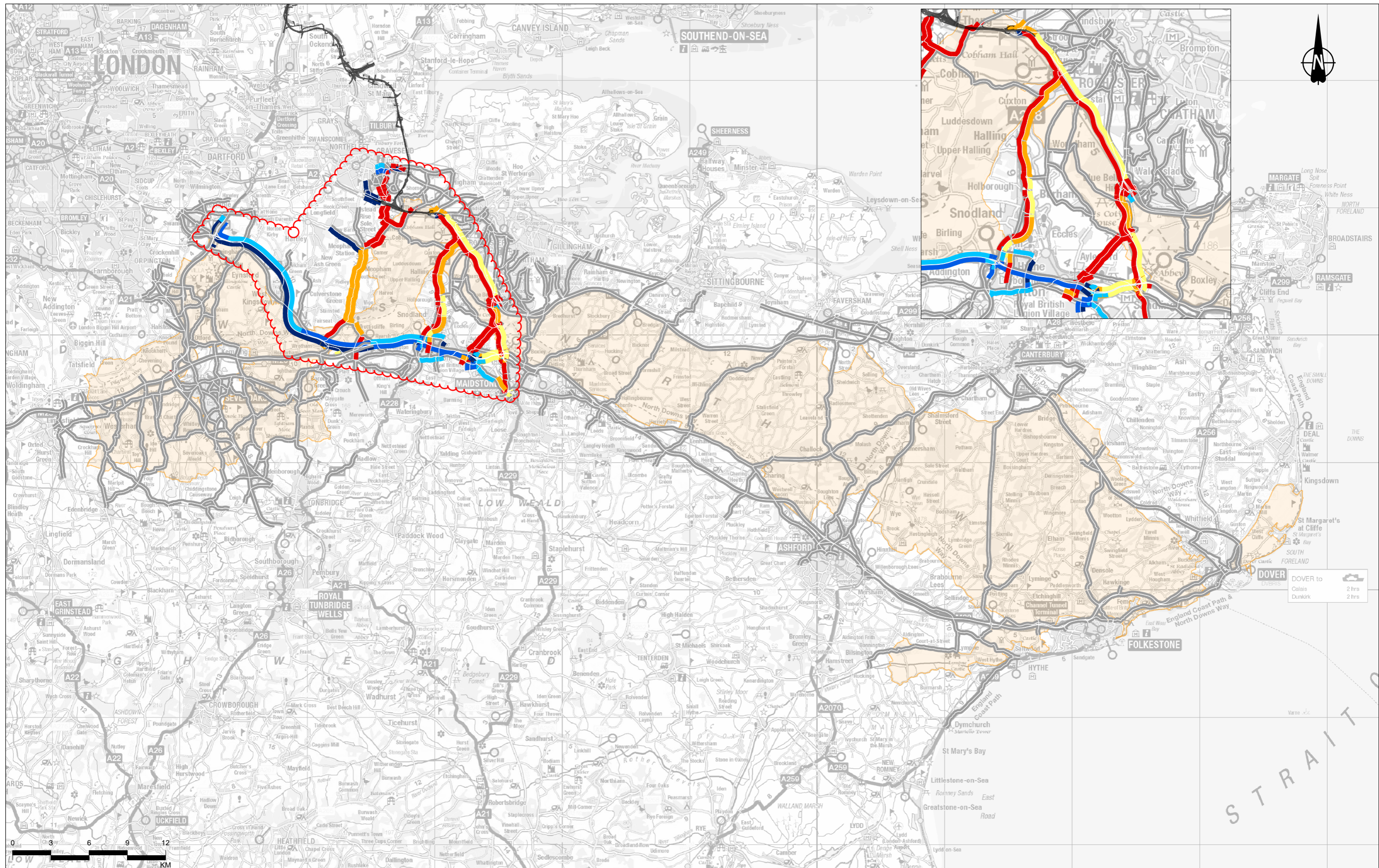


Client: **national highways**

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 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by number of HGVs during inter peak				
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P01	S8	03/10/2022	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

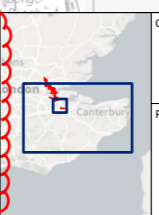
- Kent Downs Area of Outstanding Natural Beauty
- Project route

Percentage change in flow (HGVs) inter peak 2045 Do-Min (CM49) to Do-Something (CS72)

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

Notes:

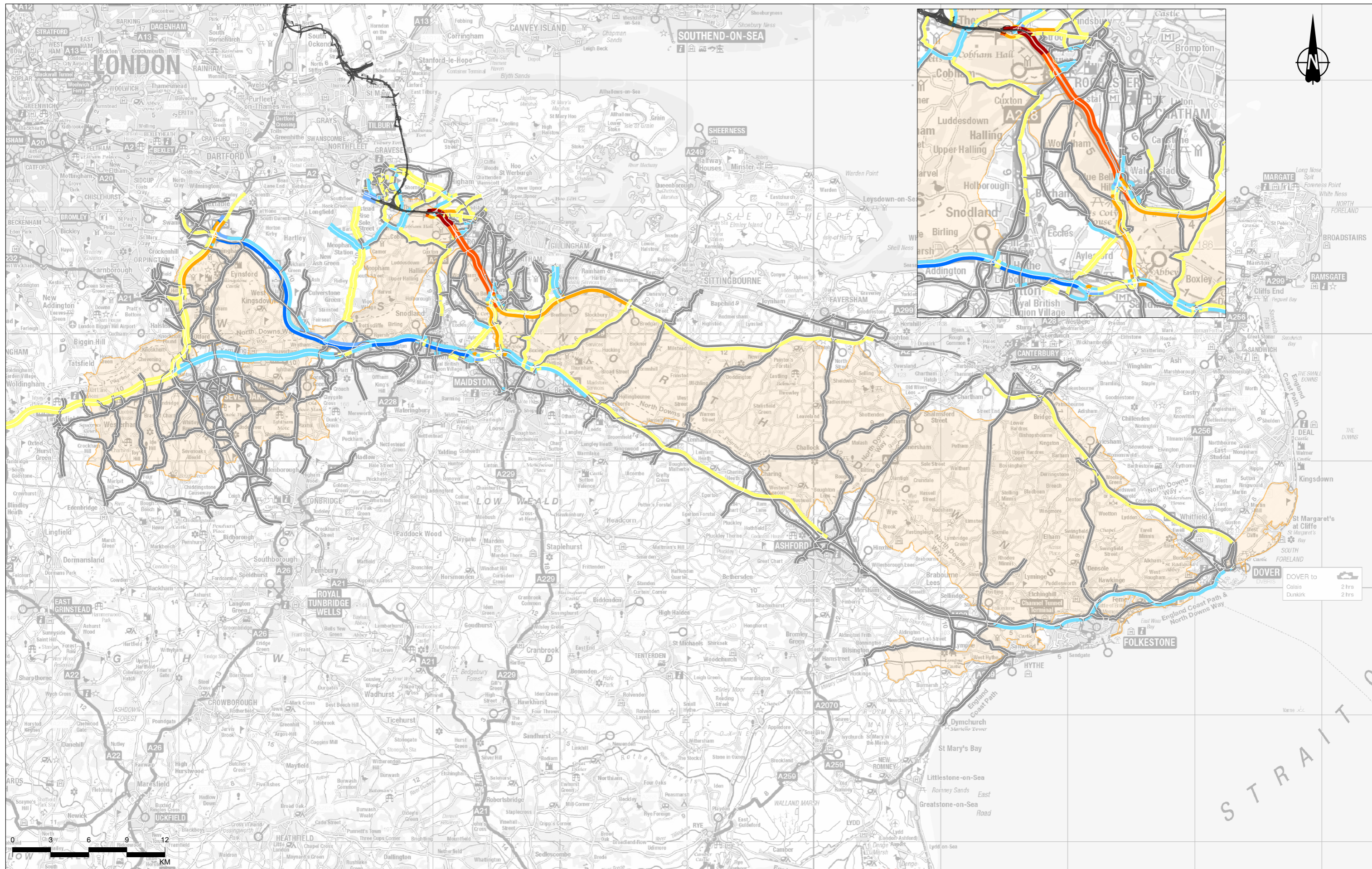
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Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				



Legend

- Kent Downs Area of Outstanding Natural Beauty
- Project route

Change in flow (PCUs) PM peak 2045 Do-Min (CM49) to Do-Something (CS72)

- Below -1000
- 999 to -500
- 499 to -250
- 249 to -50
- 49 to +50
- +51 to +250
- +251 to +500
- +501 to +1000
- Over +1001

Notes:

1. PCUs = Passenger Car Units
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3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling and Appraisal Report - Appendix C - Transport Forecasting Package (Application Document TR010032/APP/7.7)

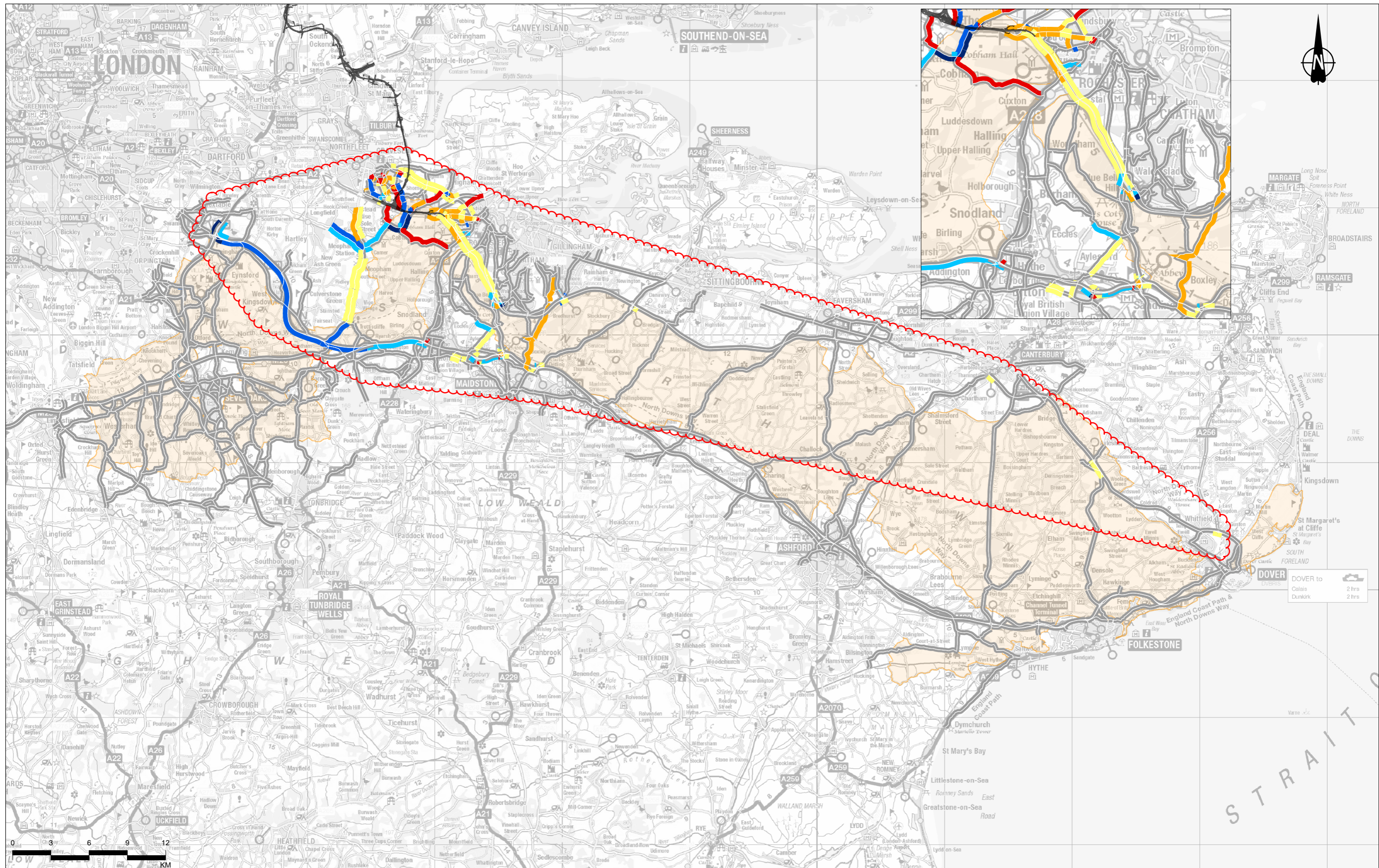
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national highways

LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
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P01	S8	03/10/2022	DCO Application	LK	SK	BF
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Percentage change in flow (PCUs) Do-Min (CM49) to Do-Something (CS72)

- Below -40%
- 40% to -20%
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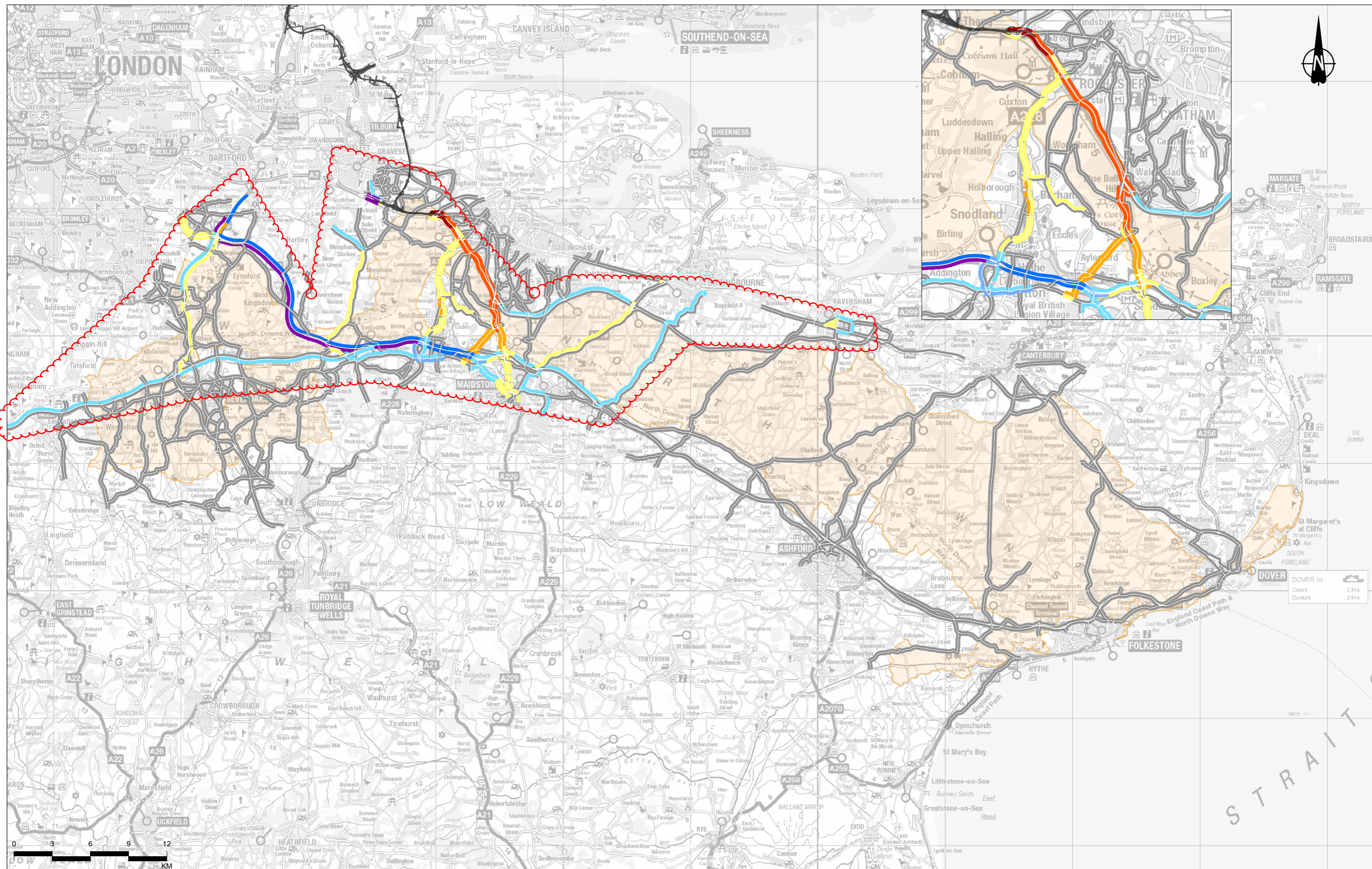


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Project: **LOWER THAMES CROSSING**

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- Below -100
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- 25 to -6
- 5 to +5
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- +51 to +100
- Over +100

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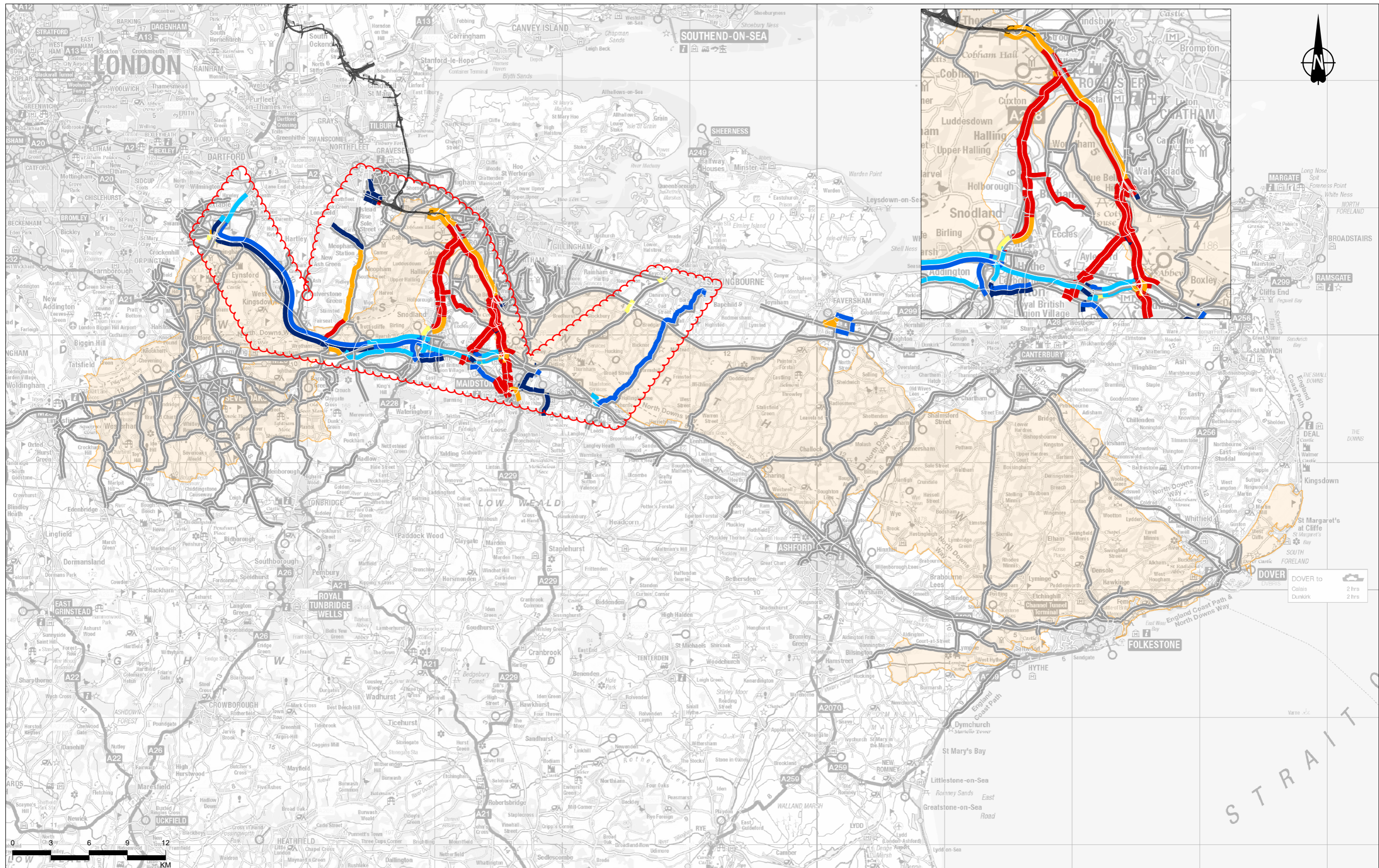


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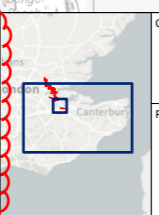
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