

Lower Thames Crossing

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

(Clean Version)

APFP Regulation 5(2)(a)

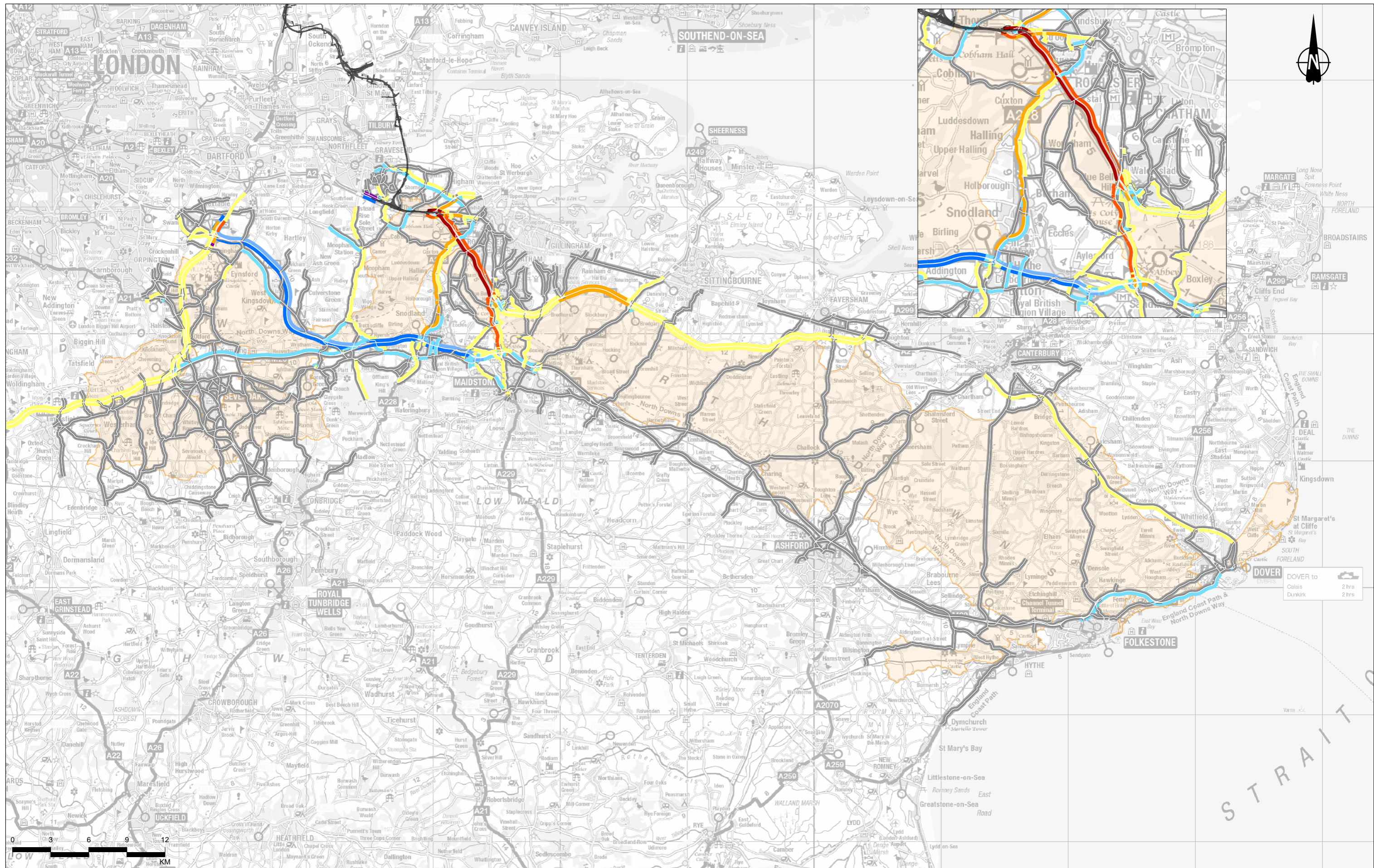
Infrastructure Planning (Applications:
Prescribed Forms and Procedure)
Regulations 2009

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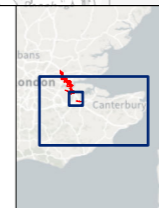
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P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

Legend

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

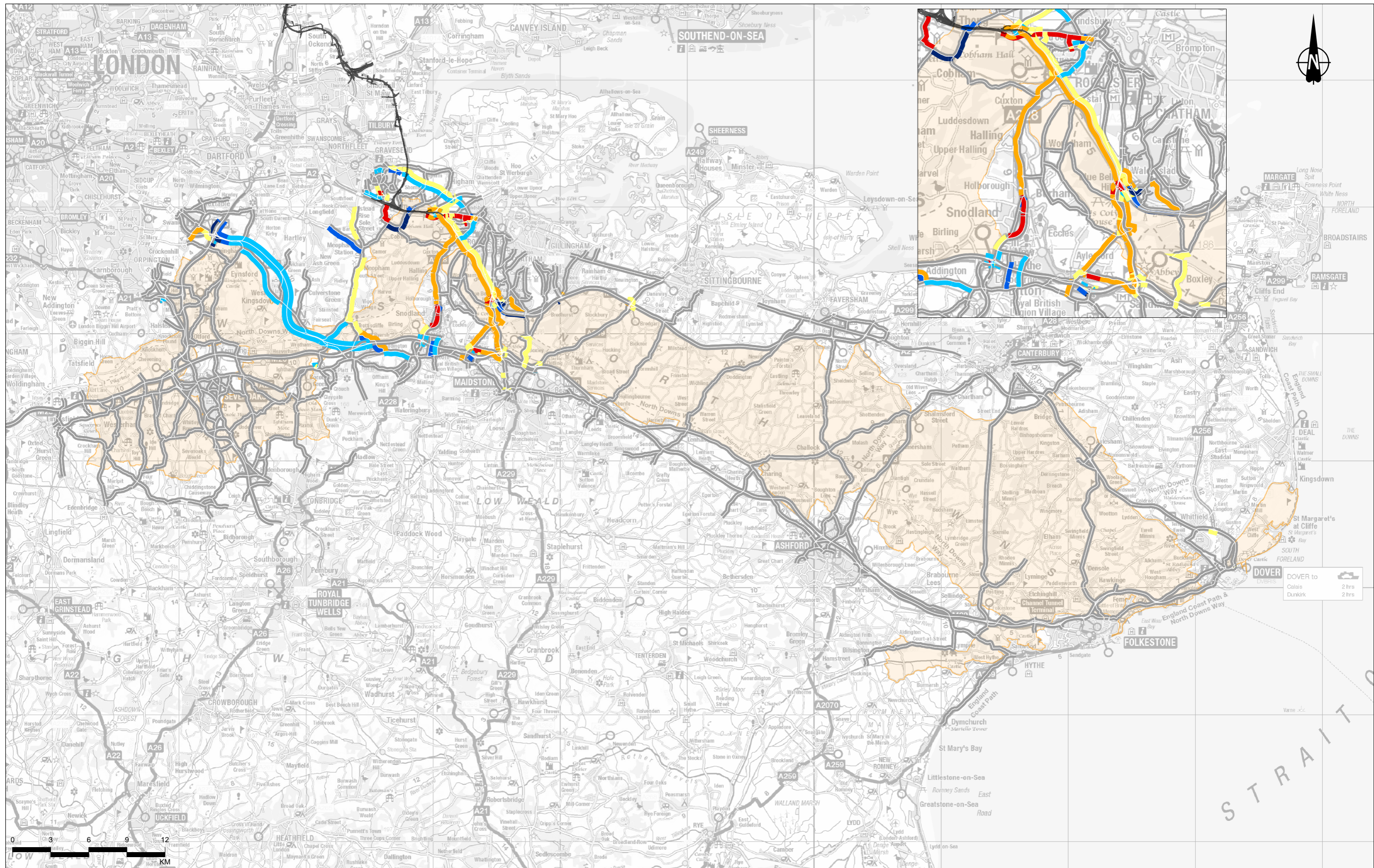


Client: **national highways**

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				

Page 1 of 24



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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

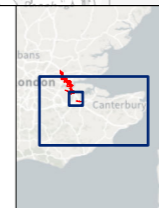
- Kent Downs Area of Outstanding Natural Beauty
- Project route

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

Notes:

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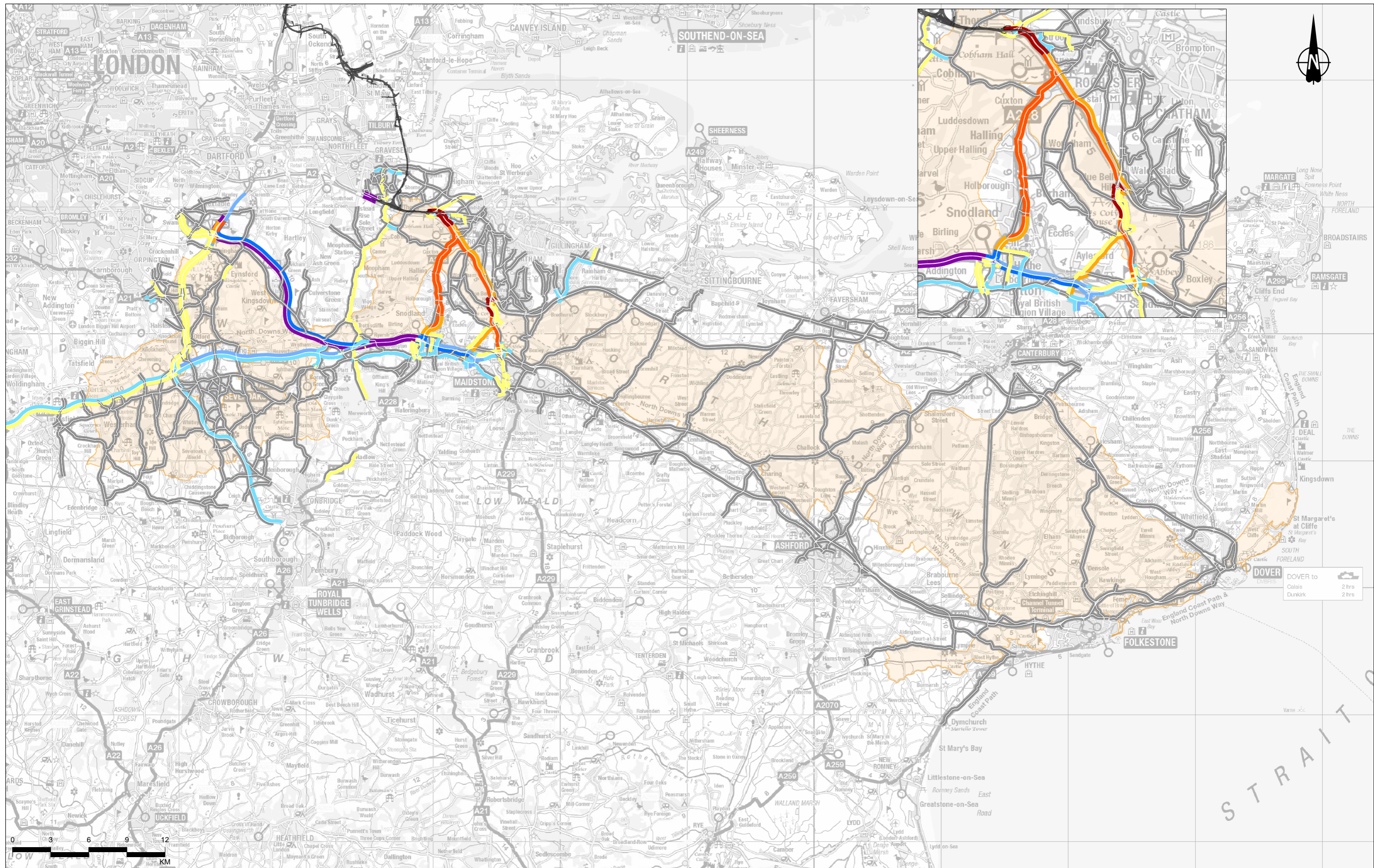


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Project: **LOWER THAMES CROSSING**

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Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
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Page 2 of 24



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Legend

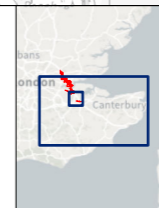
- Kent Downs Area of Outstanding Natural Beauty
- Natural Beauty
- Project route

Change in flow (HGVs) AM peak 2030 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:

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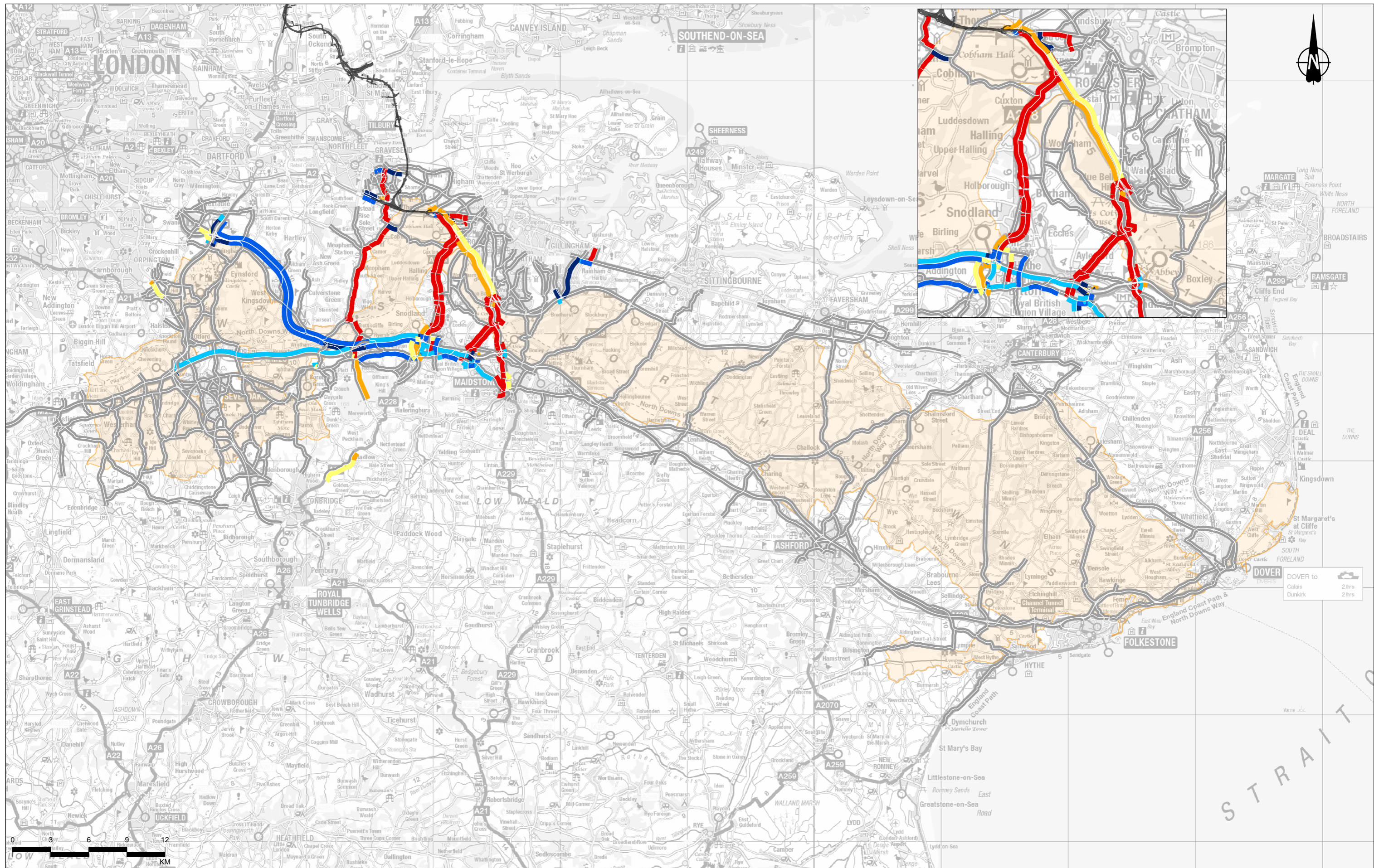


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Page 3 of 24



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Legend

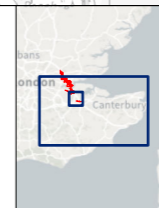
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- 10% to +10% (or change +/- 5 vehicles)
- +10% to +20%
- +20% to +40%
- Over +40%

Notes:

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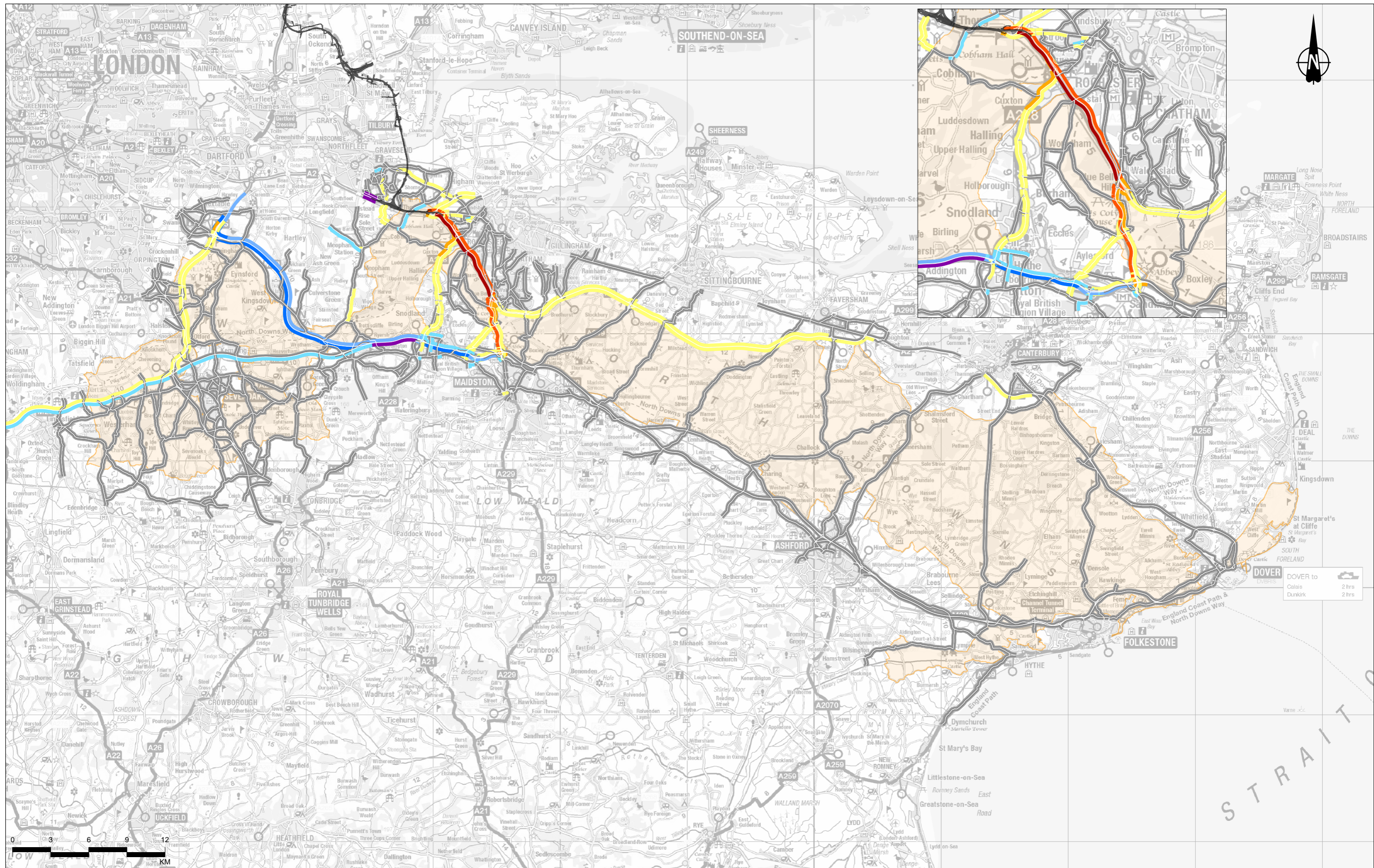


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Page 4 of 24

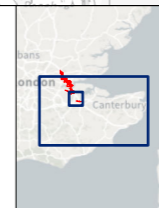


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Legend	Kent Downs Area of Outstanding Natural Beauty	Change in flow (PCUs) inter peak 2030 Do-Min (CM49) to Do-Something (CS72)	-249 to -50
	Natural Beauty	Below -1000	-49 to +50
	Project route	-999 to -500	+51 to +250
		-499 to -250	+251 to +500
			+501 to +1000
			Over +1001

Notes:
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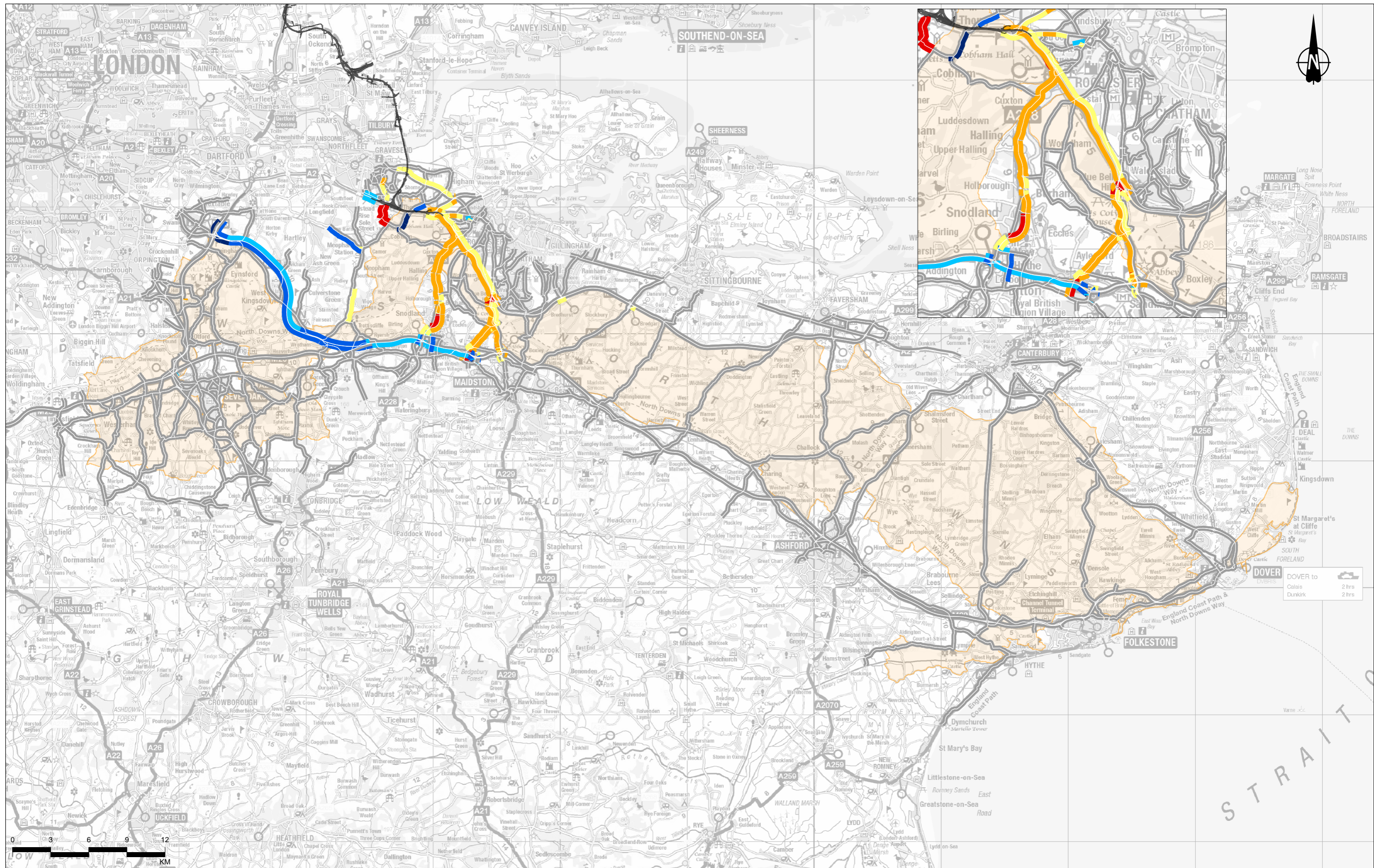


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Page 5 of 24



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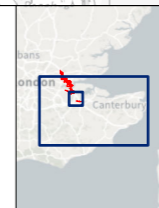
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- Project route

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- Below -40%
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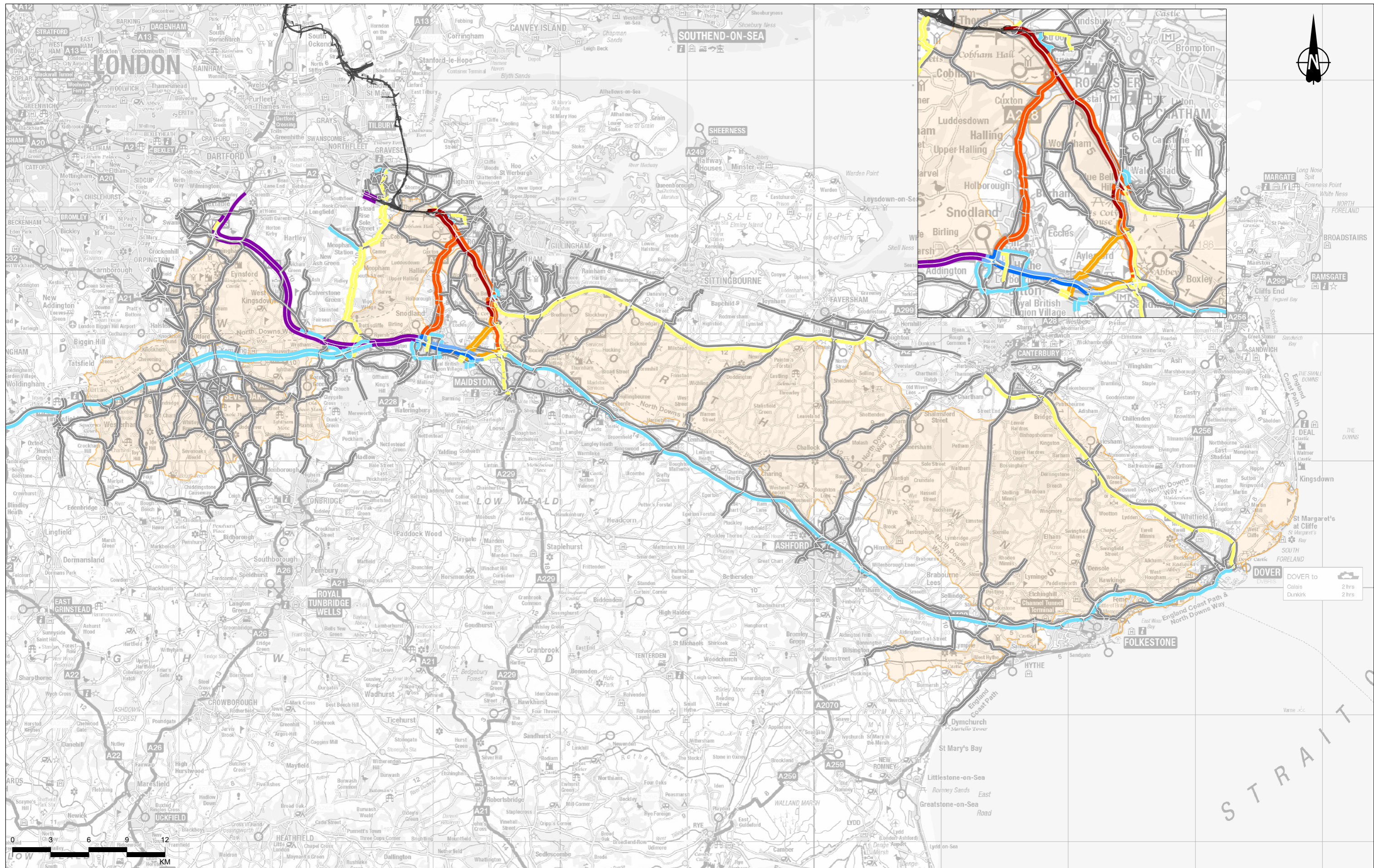
Client

Project

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Page 6 of 24



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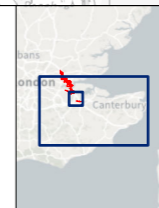
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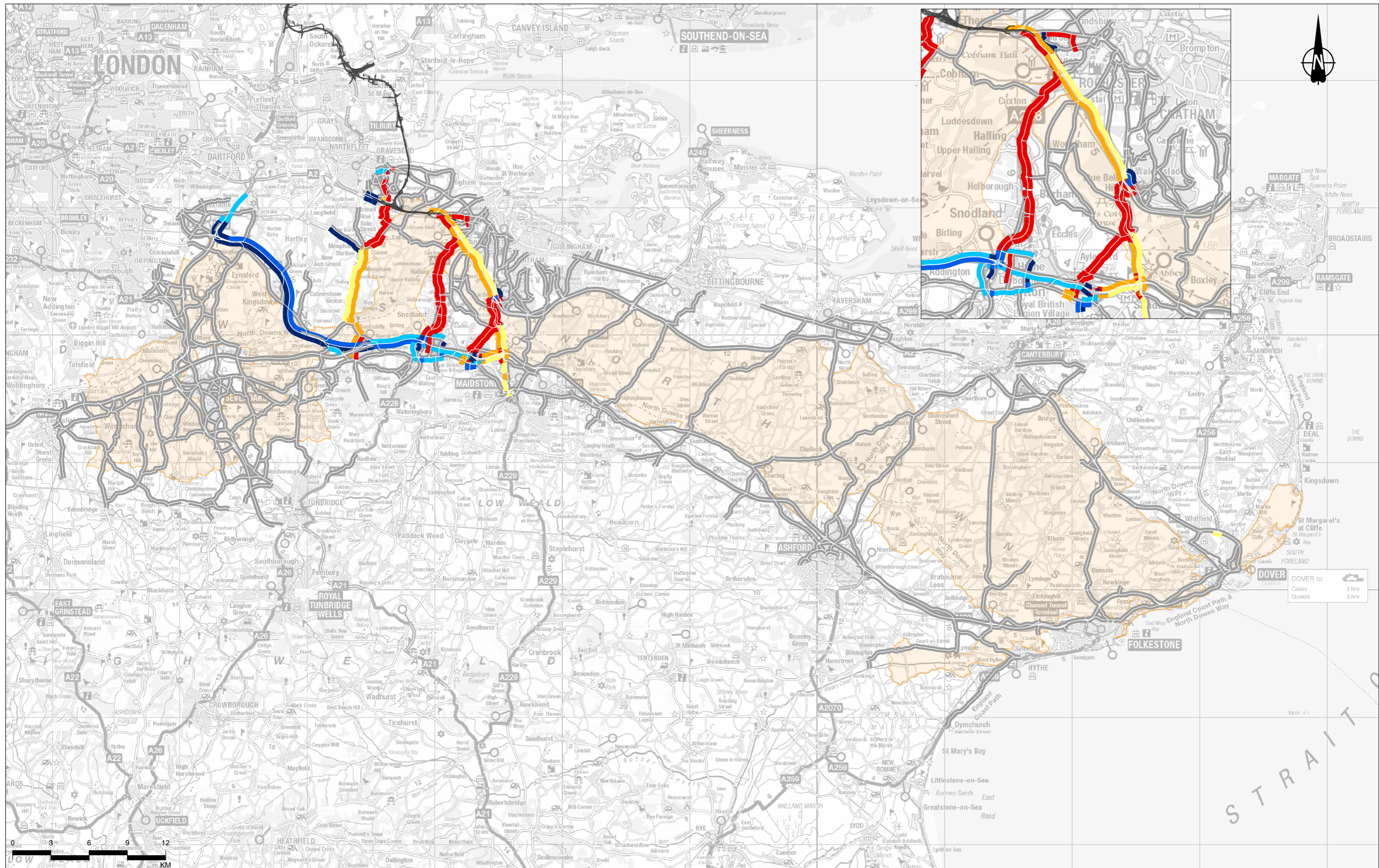


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Page 7 of 24



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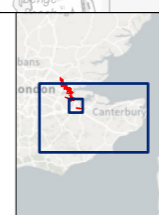
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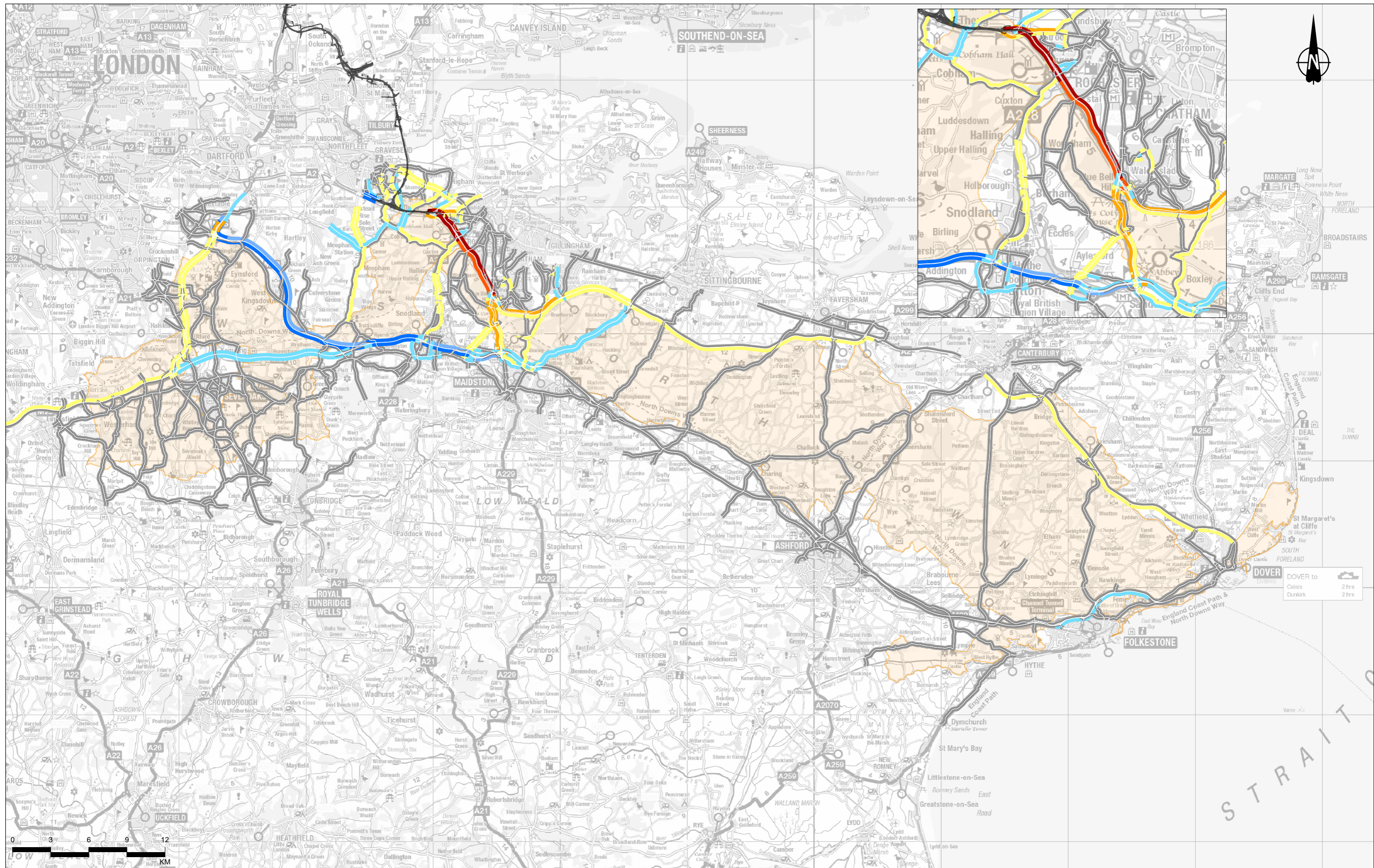
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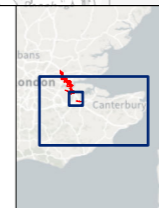


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Legend	
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	Project route
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	Below -1000
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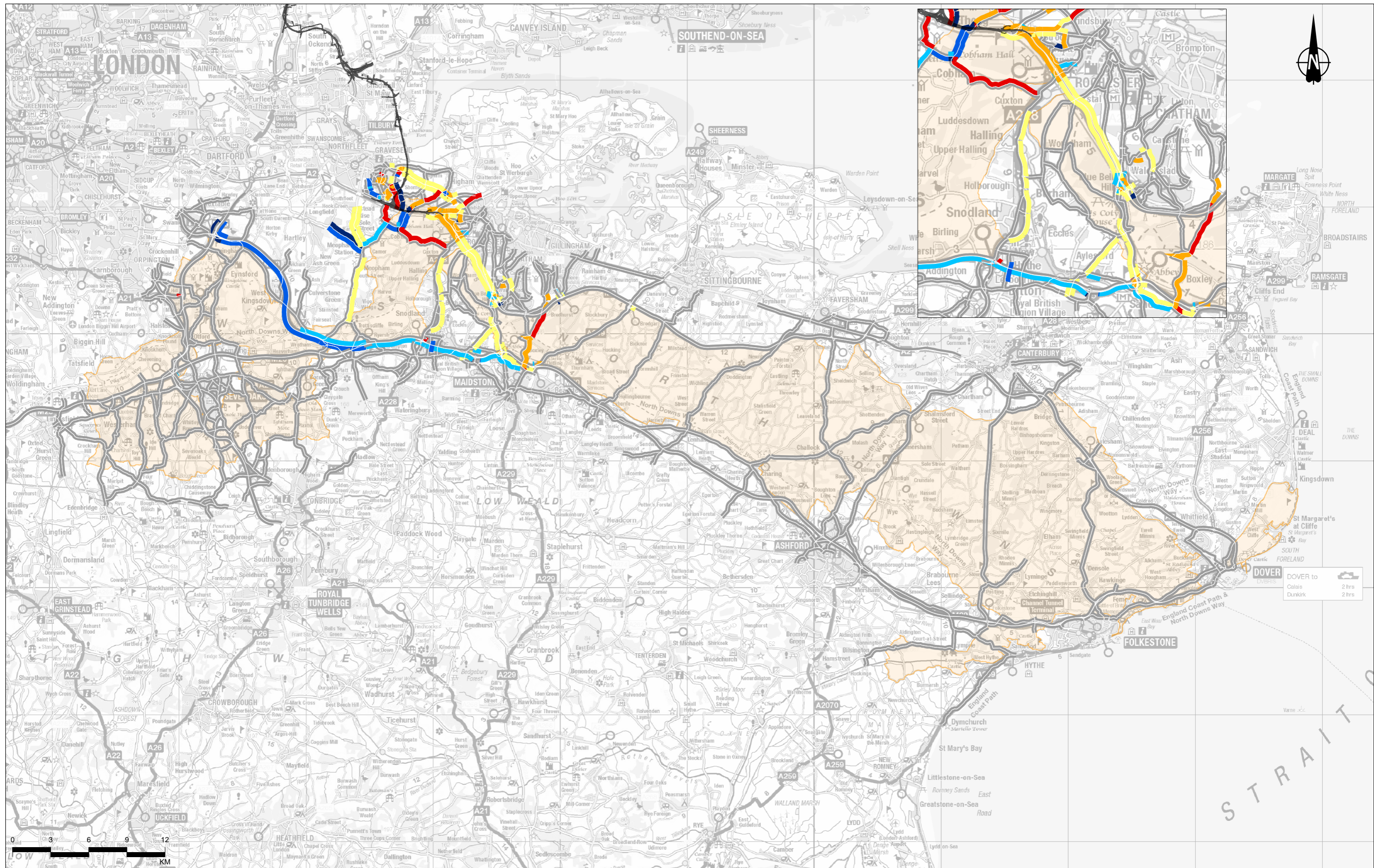


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Page 9 of 24



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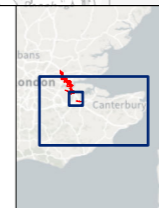
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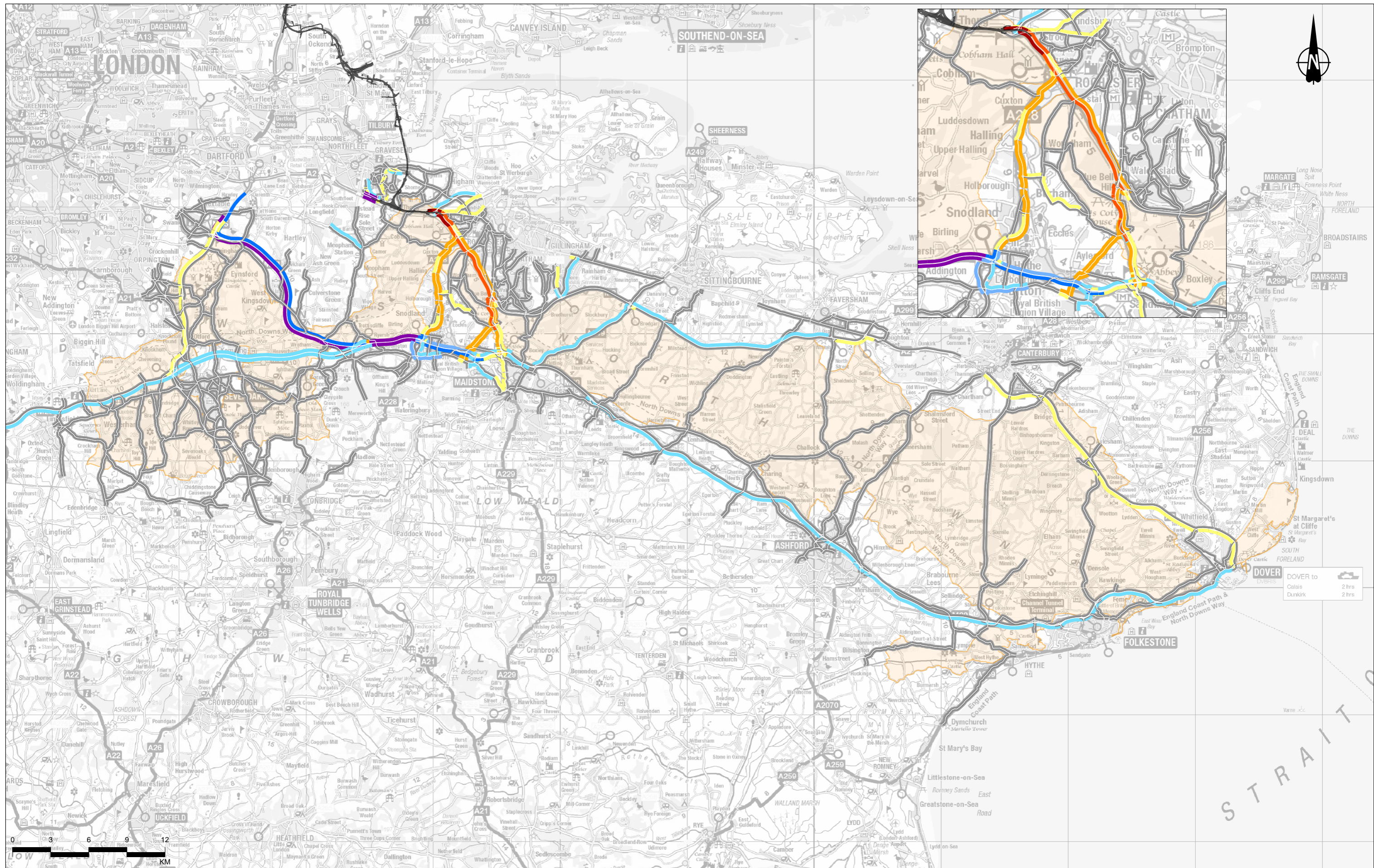


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Page 10 of 24

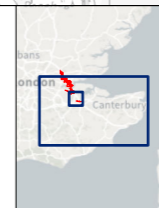


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Legend	
	Kent Downs Area of Outstanding Natural Beauty
	Project route
	Change in flow (HGVs) PM peak 2030 Do-Min (CM49) to Do-Something (CS72)
	Below -100
	-99 to -51
	-50 to -26
	-25 to -6
	-5 to +5
	+6 to +25
	+26 to +50
	+51 to +100
	Over +100

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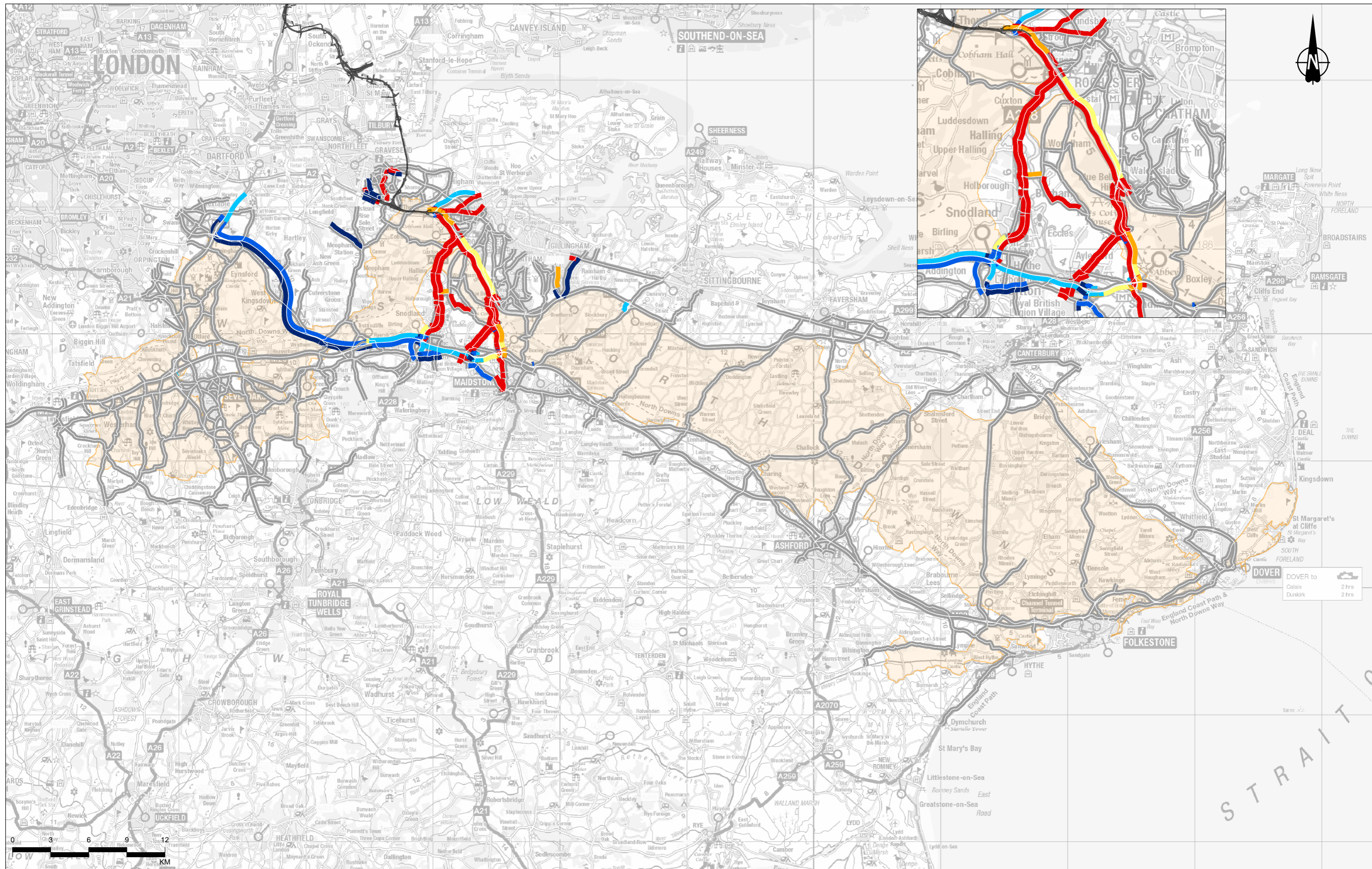


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Page 11 of 24



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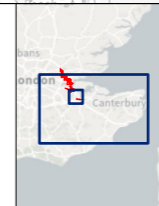
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- +20% to +40%
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Percentage change in flow (HGVs) -10% to +10% (or change +/- vehicles)

- -10% to +10% (or change +/- vehicles)

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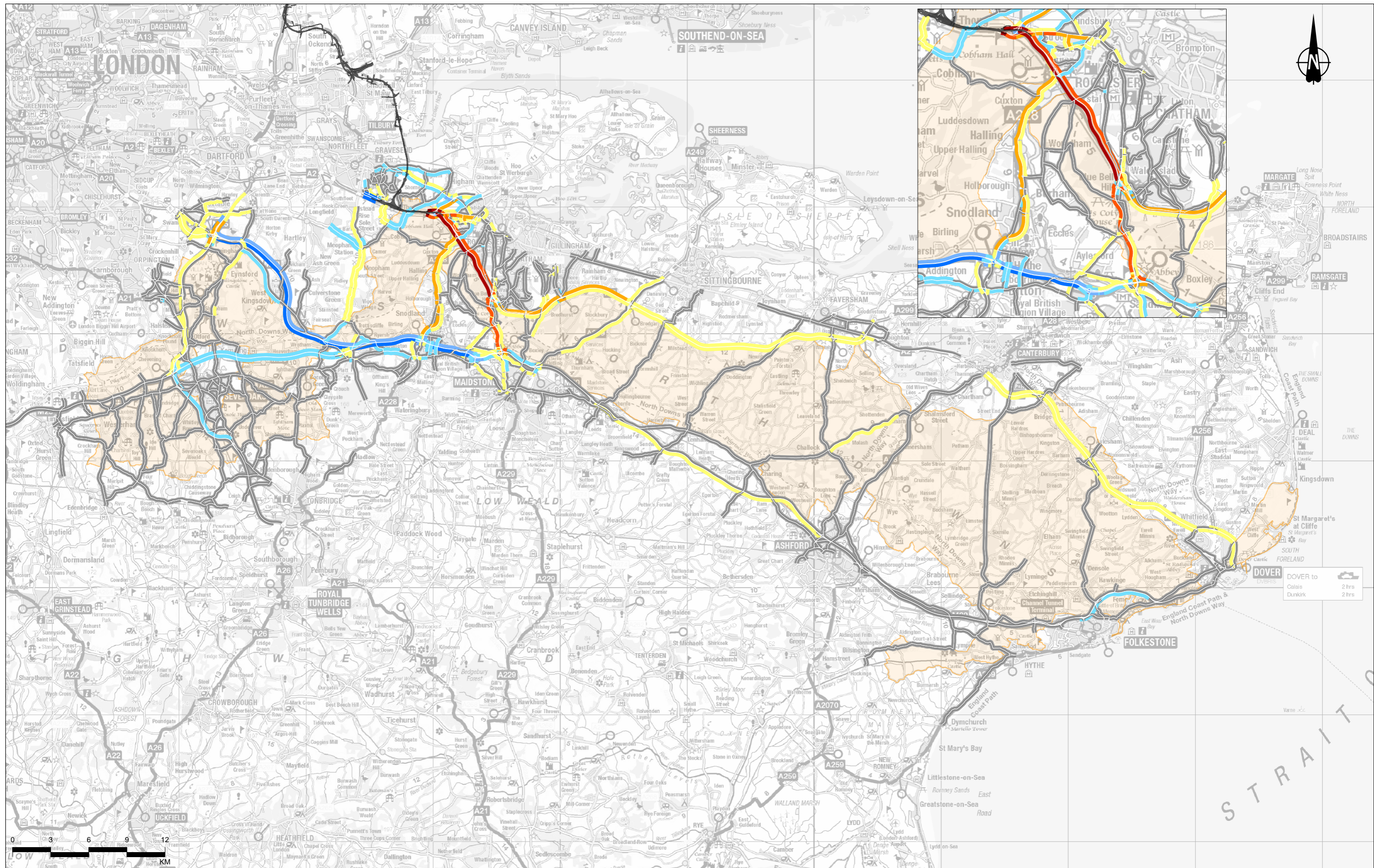


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Page 12 of 24

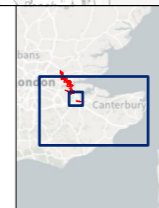


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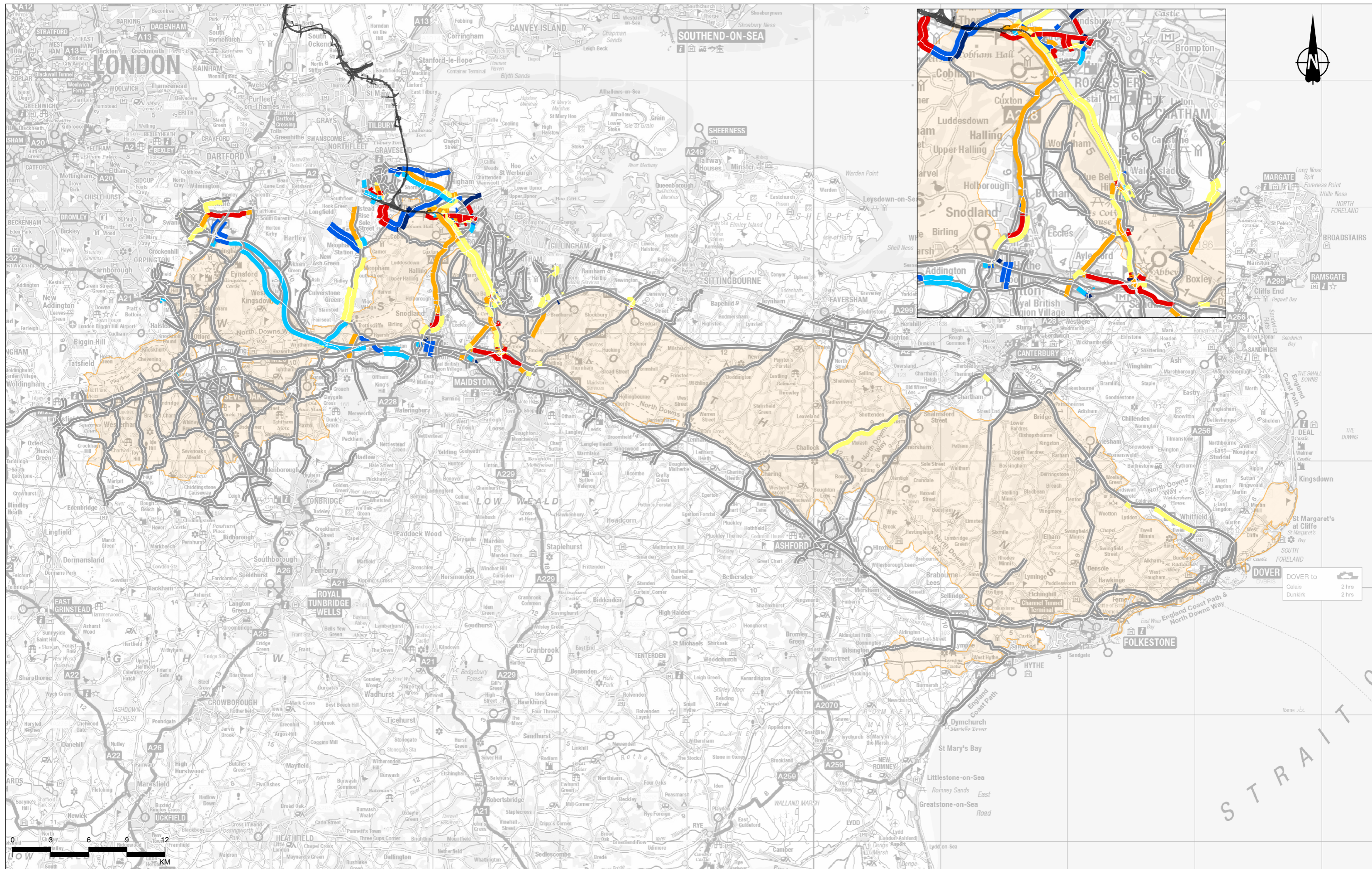


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Drawing Title	Figure 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by number of PCUs during AM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

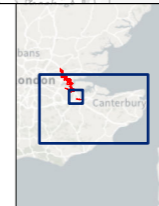
Page 13 of 24



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		Percentage change in flow (PCUs) AM peak 2045 Do-Min (CM49) to Do-Something (CS72)	
	Kent Downs Area of Outstanding Natural Beauty		-10% to +10% (or change less than 50 PCUs)
	Project route		+10% to +20%
			+20% to +40%
			Over +40%
			Below -40%
			-40% to -20%
			-20% to -10%

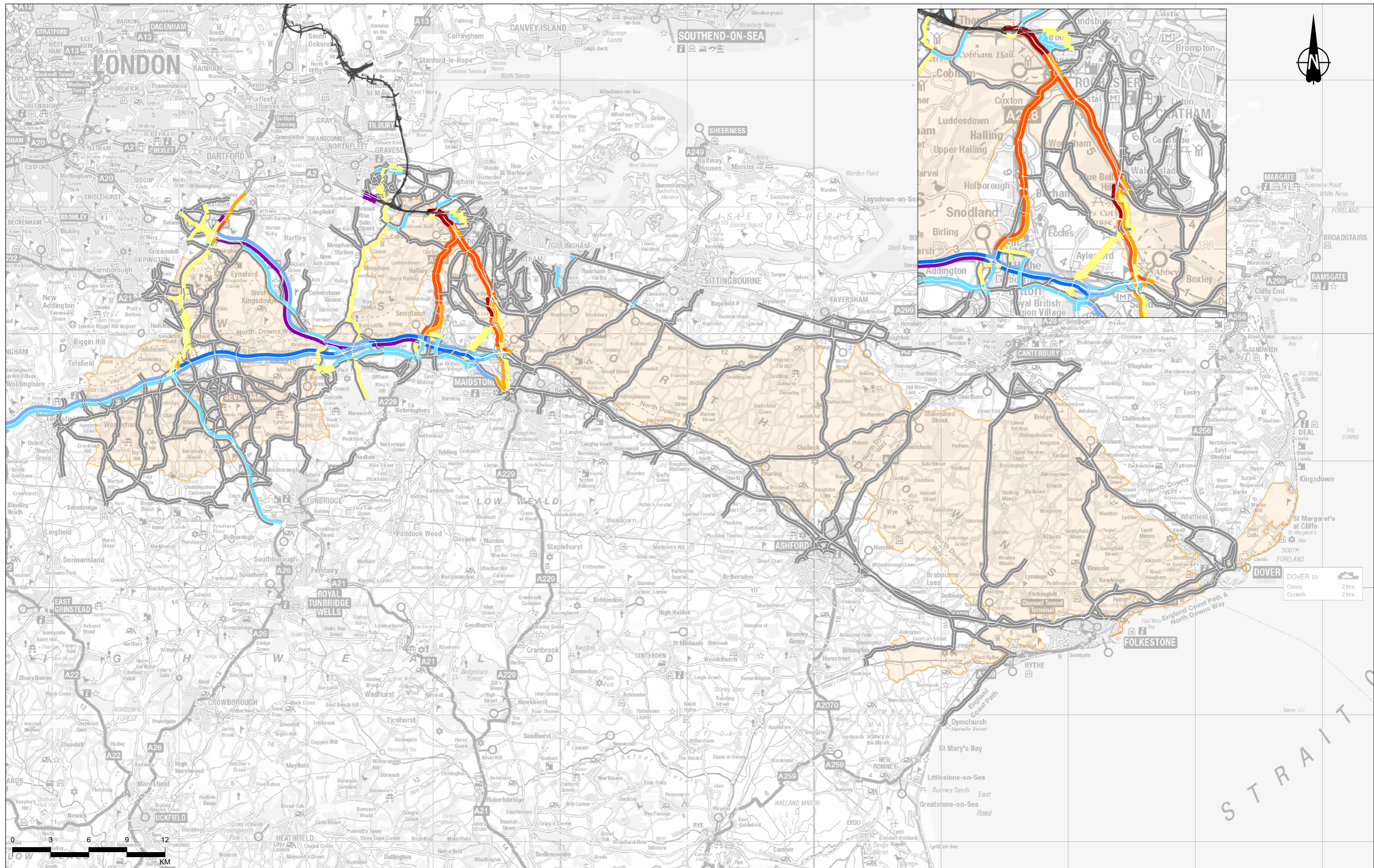
Notes:
 1. PCUs = Passenger Car Units
 2. HGVs = Heavy Goods Vehicles
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Client: **national highways**

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 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by percentage PCUs during AM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				
Page 14 of 24					



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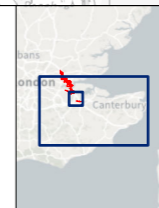
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P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

Legend

- Kent Downs Area of Outstanding Natural Beauty
- Project route
- Change in flow (HGVs) AM peak 2045 Do-Min (CM49) to Do-Something (CS72)
 - 25 to -6
 - 5 to +5
 - +6 to +25
 - +26 to +50
 - +51 to +100
 - Over +100
 - Below -100
 - 99 to -51
 - 50 to -26

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)

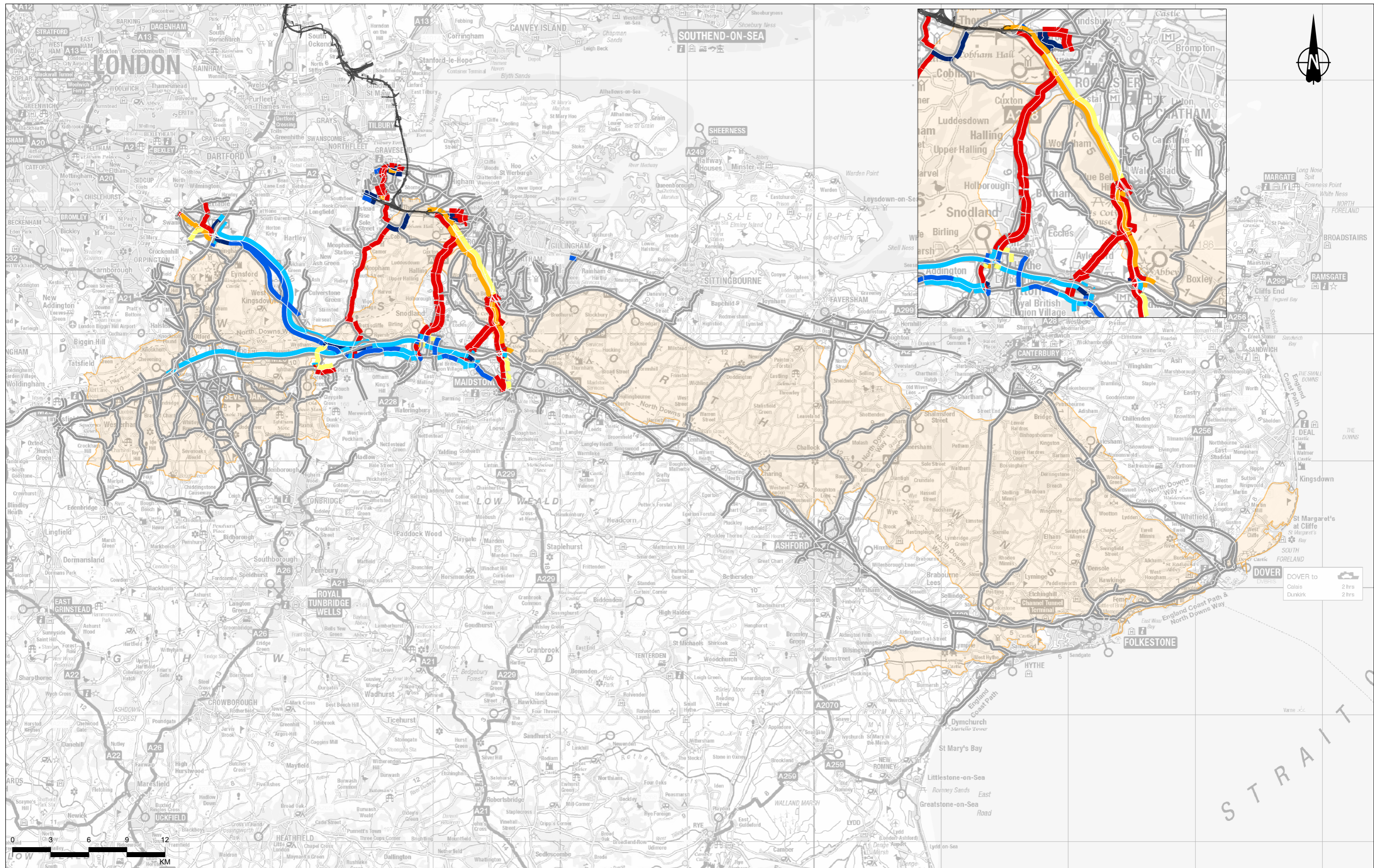


Client: **national highways**

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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				
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Page 15 of 24



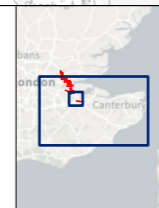
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P01	S8	03/10/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF

Legend	Percentage change in flow (HGVs) AM peak 2045 Do-Min (CM49) to Do-Something (CS72)	Percentage change in flow (HGVs)
Orange outline	Below -40%	-10% to +10% (or change +/- 5 vehicles)
Light Blue outline	-40% to -20%	+10% to +20%
Orange line	-20% to -10%	+20% to +40%
		Over +40%

Notes:

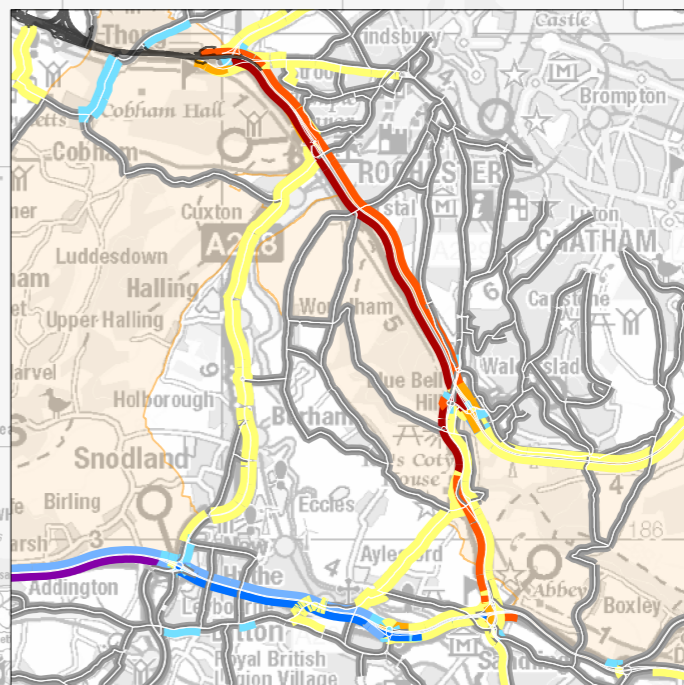
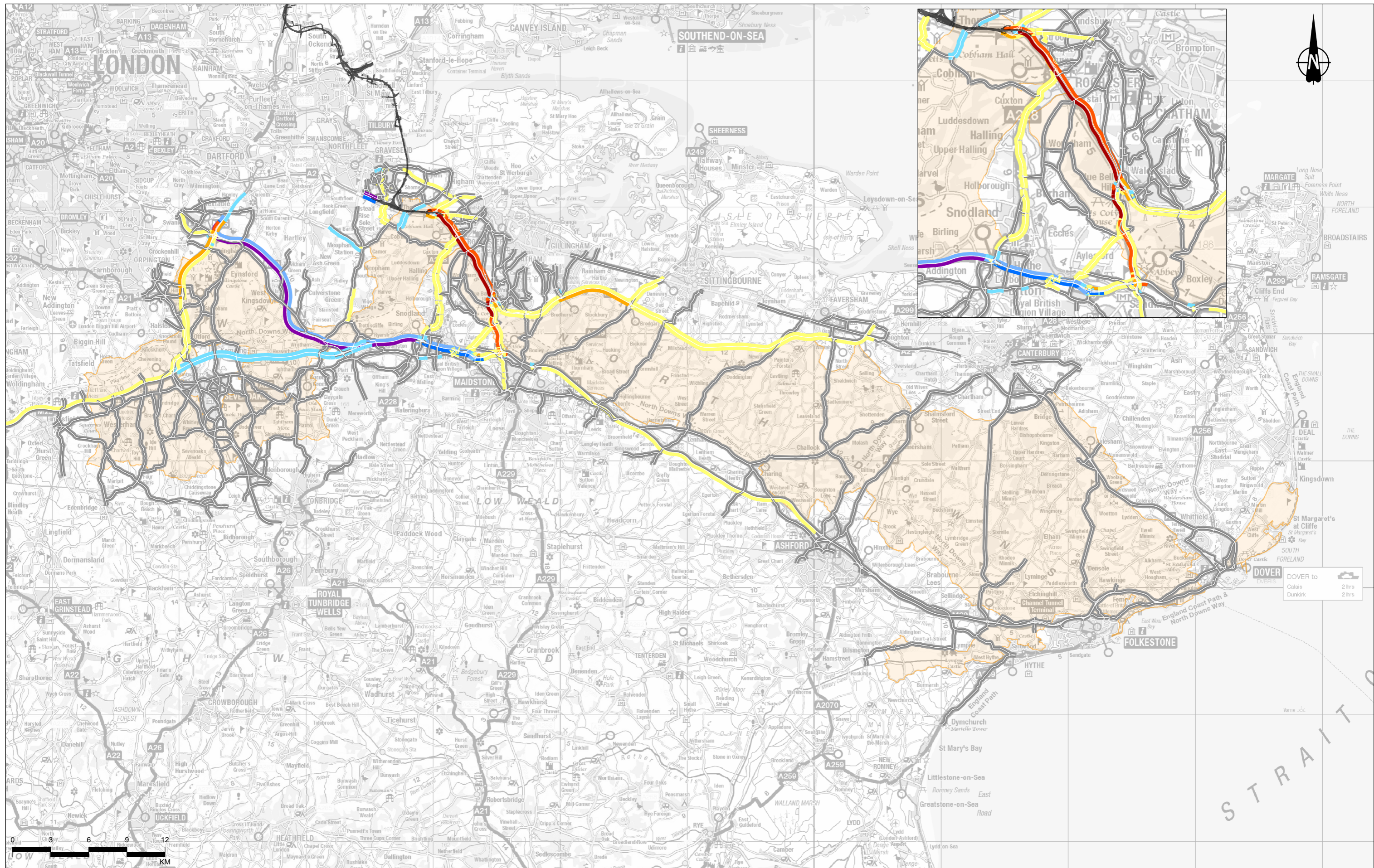
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Client: national highways

Project: LOWER THAMES CROSSING

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Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Figure Title	Figure 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by percentage HGVs during AM peak				
Page	Page 16 of 24				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

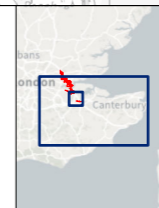


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P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

Legend	
	Kent Downs Area of Outstanding Natural Beauty
	Project route
	Change in flow (PCUs) inter 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

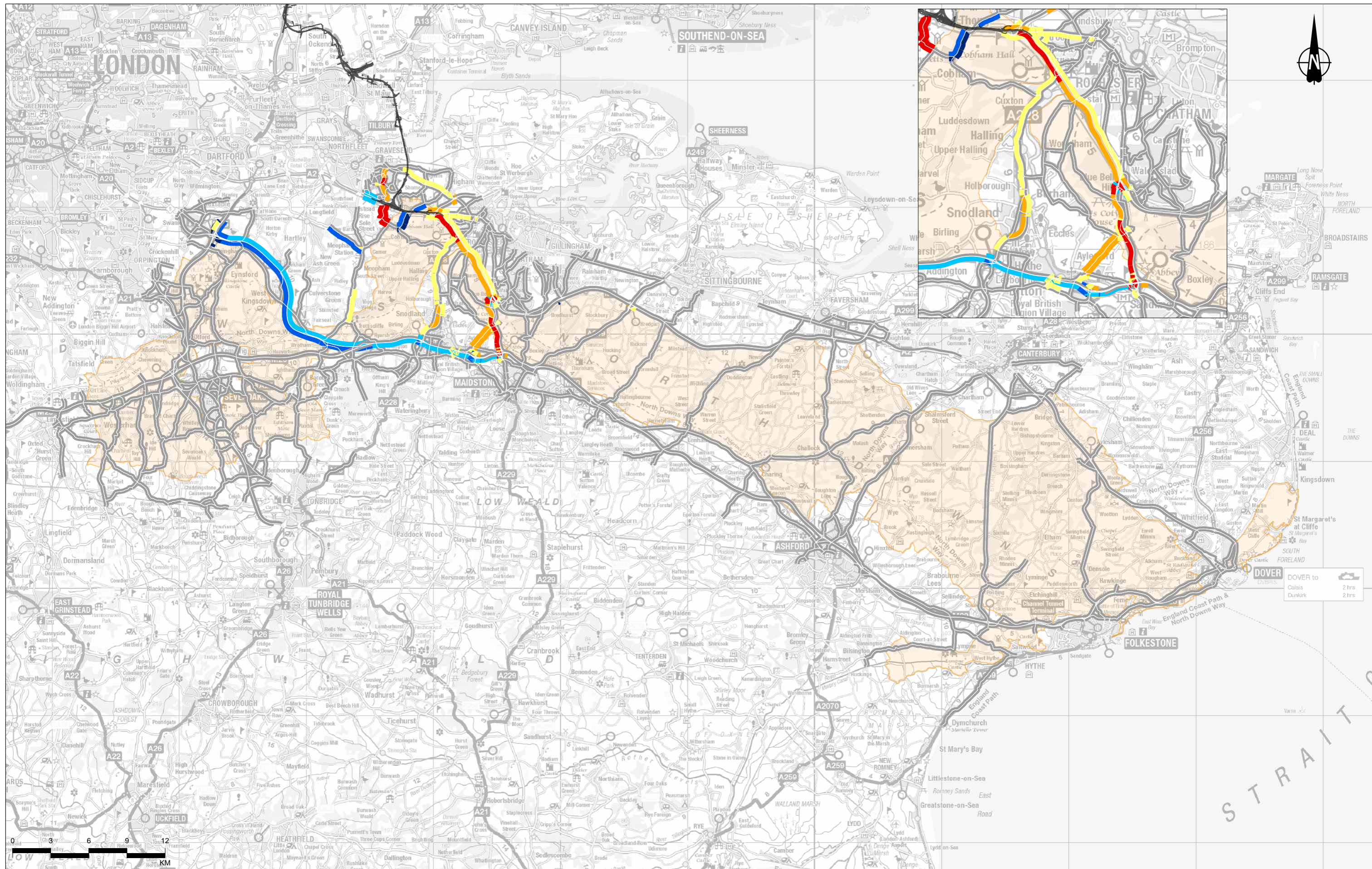
Notes:
 1. PCUs = Passenger Car Units
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 3. For a definition of Do-Minimum ('Do-Min') without Lower Thames Crossing and Do-Something with Lower Thames Crossing and relevant Traffic Model versions, reference should be made to Volume 7.7 Combined Modelling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



Client
 national highways
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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 PCUs during inter peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

Page 17 of 24



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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	Checked	Approved

Legend

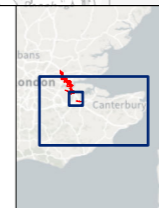
- Kent Downs Area of Outstanding Natural Beauty
- Project route

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%

Notes:

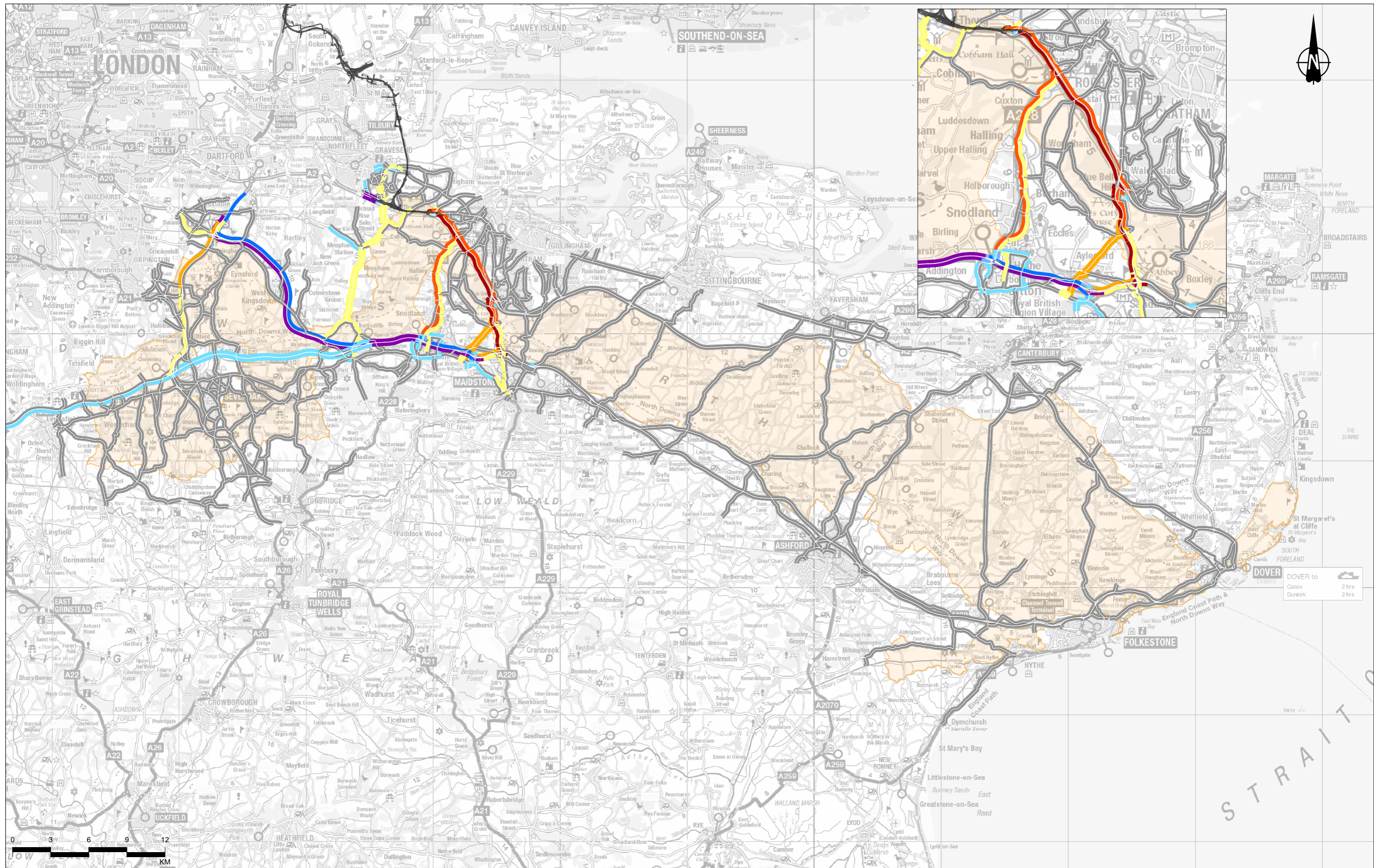
1. PCUs = Passenger Car Units
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Client: **national highways**

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

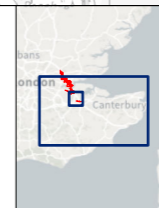


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P01	S8	03/10/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

Legend	
	Kent Downs Area of Outstanding Natural Beauty
	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

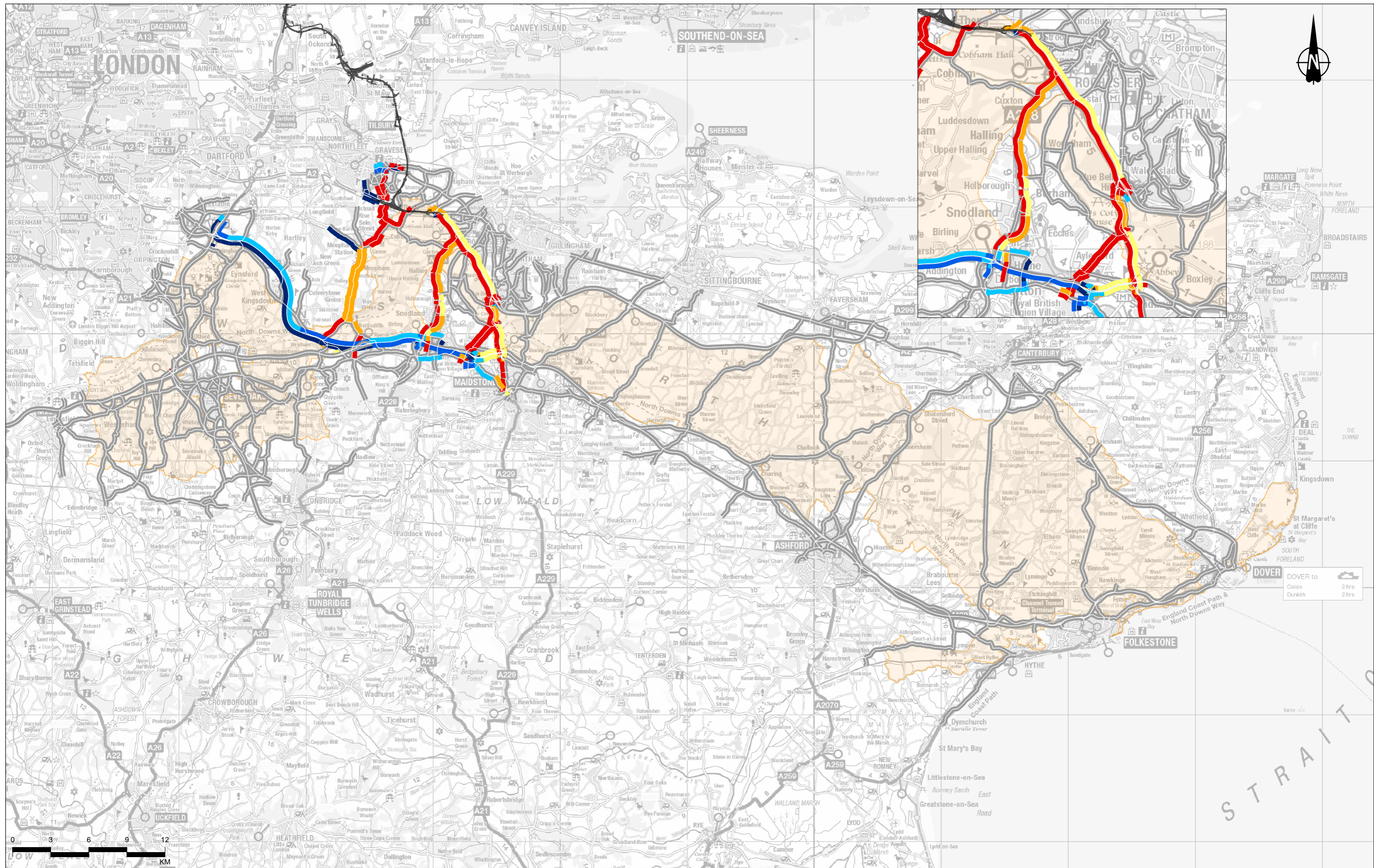
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Client:

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				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				
Page 19 of 24					



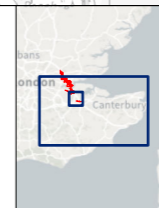
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Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv
P01	S8	03/10/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF

Legend	Percentage change in flow (HGVs) inter peak 2045 Do-Min (CM49) to Do-Something (CS72)	Percentage change in flow (HGVs) inter peak 2045 Do-Min (CM49) to Do-Something (CS72)
Orange outline	Below -40%	-10% to +10% (or change +/- 5 vehicles)
Blue line	-40% to -20%	+10% to +20%
Red line	-20% to -10%	+20% to +40%
		Over +40%

Notes:

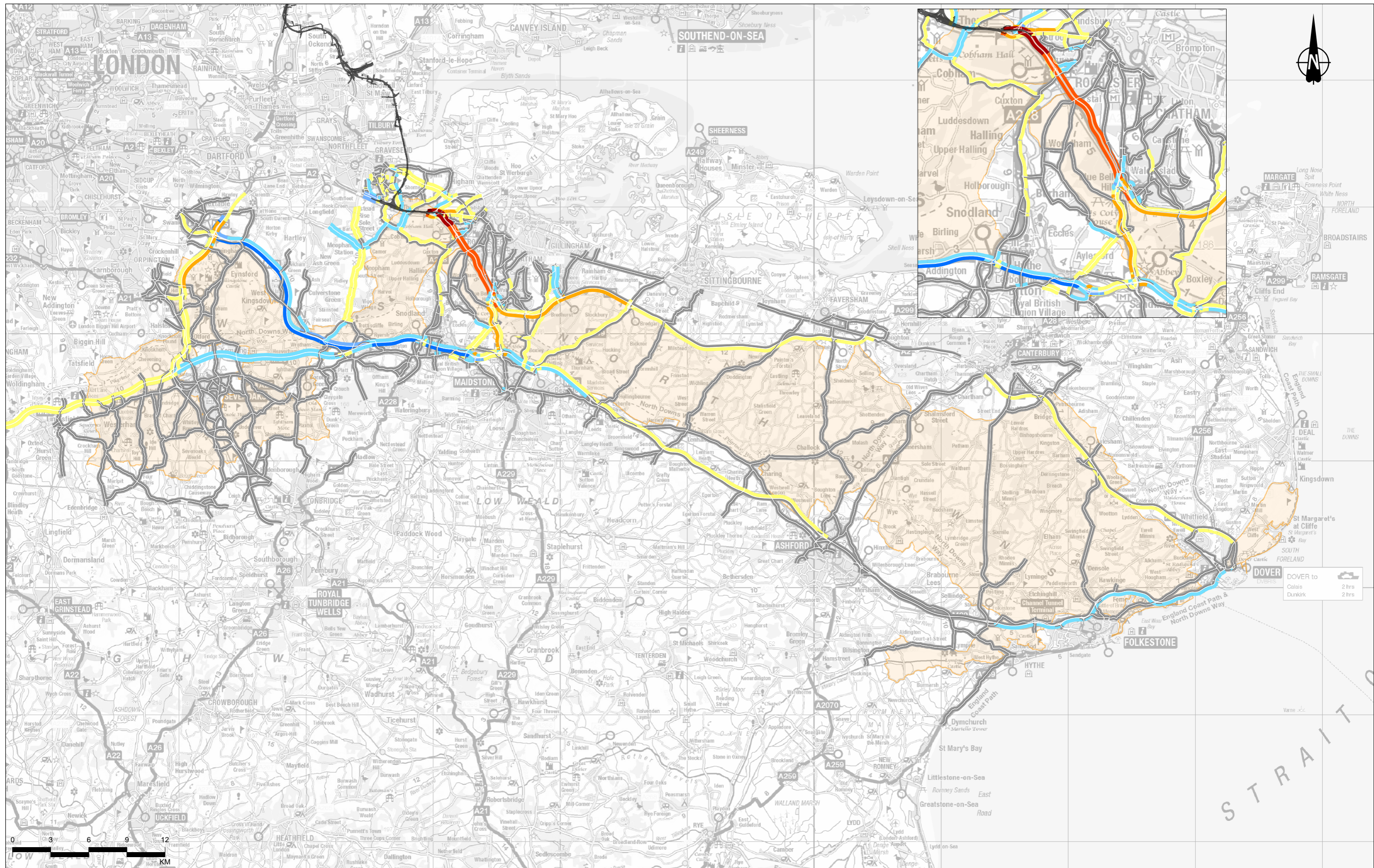
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Client: national highways

Project: LOWER THAMES CROSSING

Status	PINS SUBMISSION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.3	Scale	1:270,000		
Figure Title	Figure 7.20.2 - Traffic effects on Kent Downs AONB during operational year 2045 by percentage HGVs during inter peak				
Page	Page 20 of 24				
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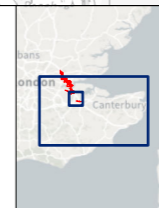


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P02	S9	13/07/2023	Deadline 1	CD	SK	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Chkd	Apprv

Legend	
	Kent Downs Area of Outstanding Natural Beauty
	Project route
	-249 to -50
	-49 to +50
	+51 to +250
	+251 to +500
	+501 to +1000
	Over +1001
	Below -1000
	-999 to -500
	-499 to -250

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)

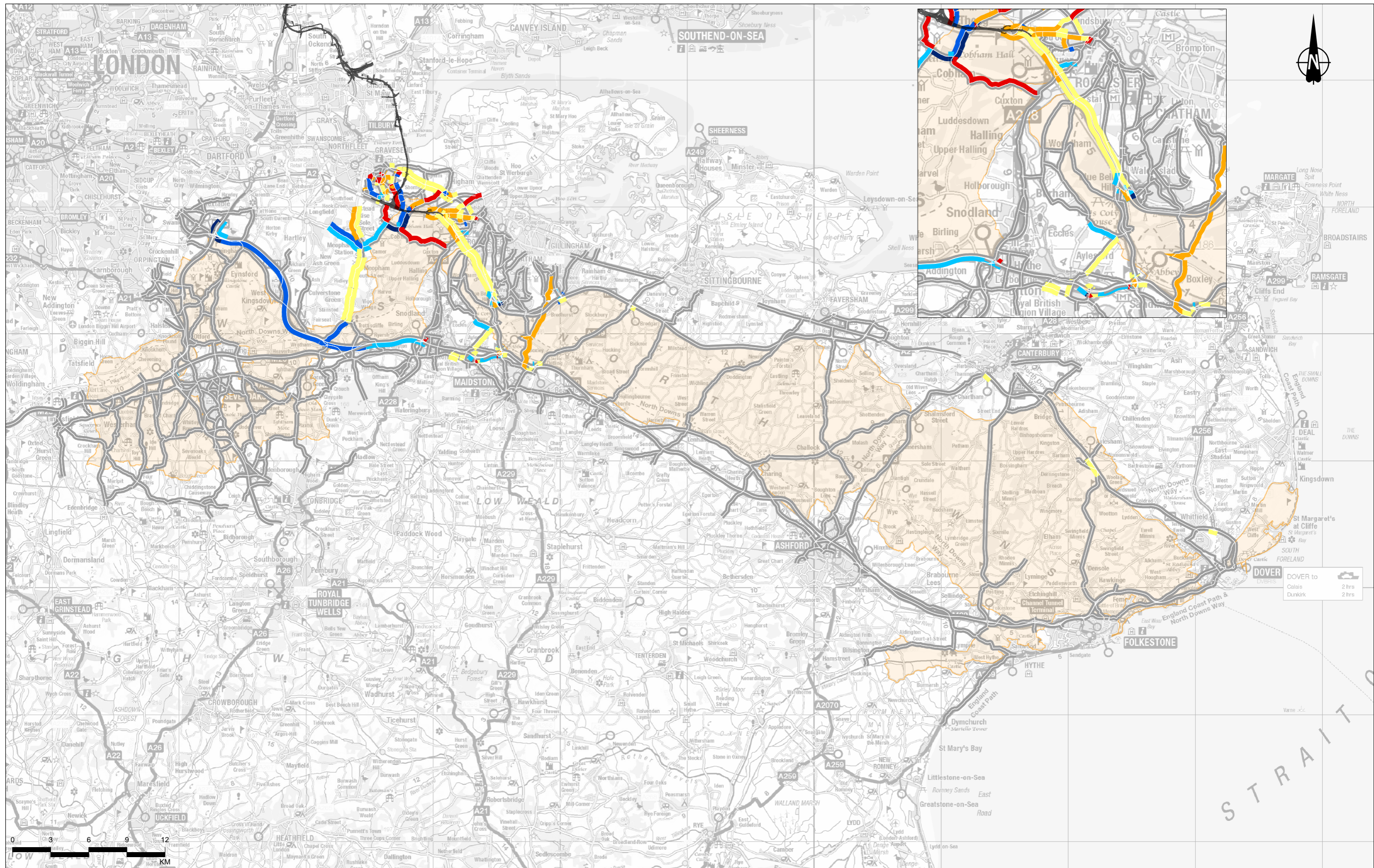


Client: national highways

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 number of PCUs during PM peak				
Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				

Page 21 of 24



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P01	S8	03/10/2022	DCO Application	LK	SK	BF
P02	S9	13/07/2023	Deadline 1	CD	SK	BF
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Legend

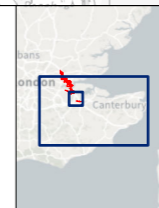
- Kent Downs Area of Outstanding Natural Beauty
- Project route

Percentage change in flow (PCUs) PM 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%

Notes:

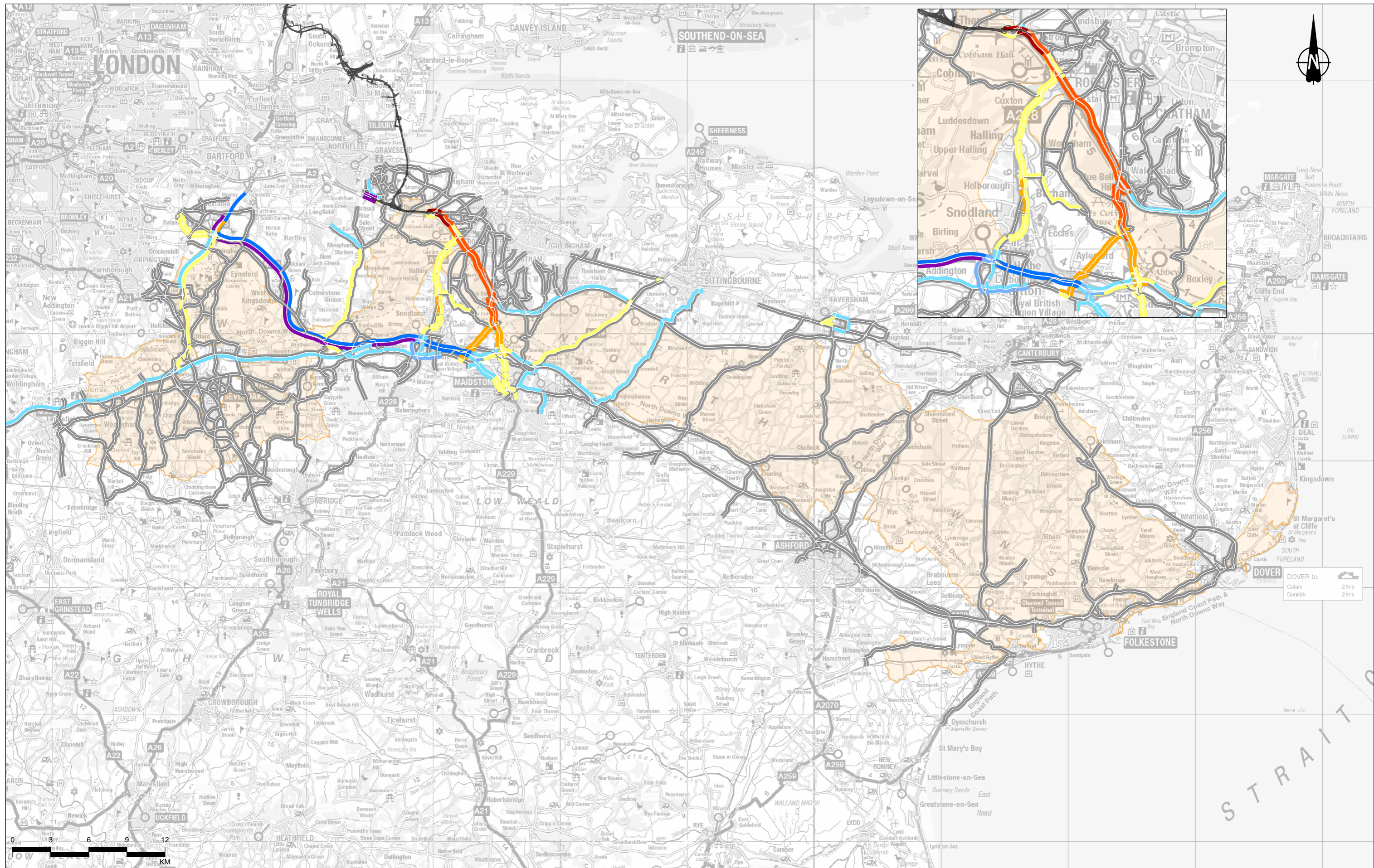
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Drawing Number	HE540039-CJV-ELS-SZP_EGNE0000000-DR-LE-50127				
Page 22 of 24					



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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

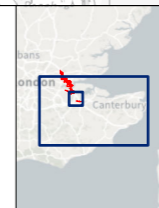
- Kent Downs Area of Outstanding Natural Beauty
- Natural Beauty
- Project route

Change in flow (HGVs) PM 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:

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)

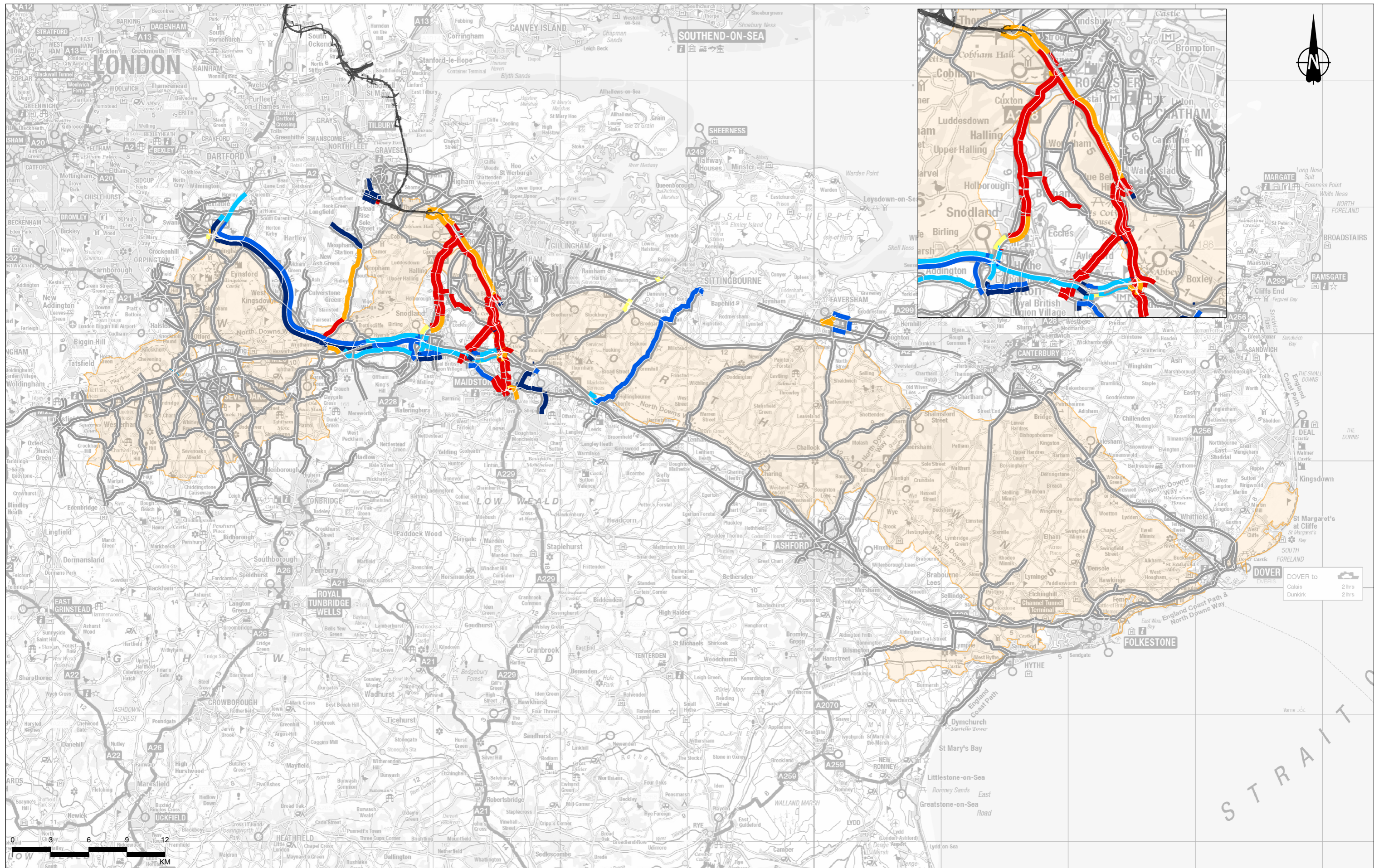


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Page 23 of 24



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

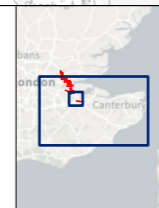
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- Project route

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- 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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Page 24 of 24

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