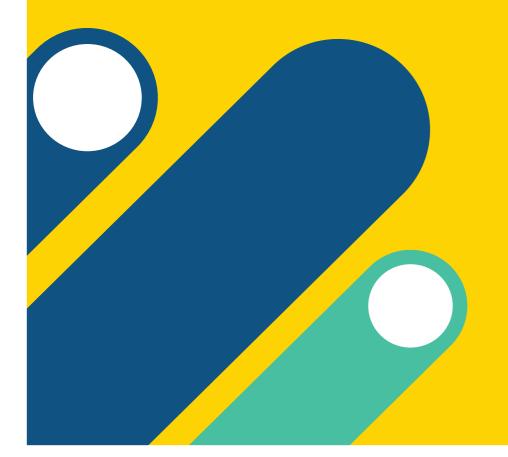
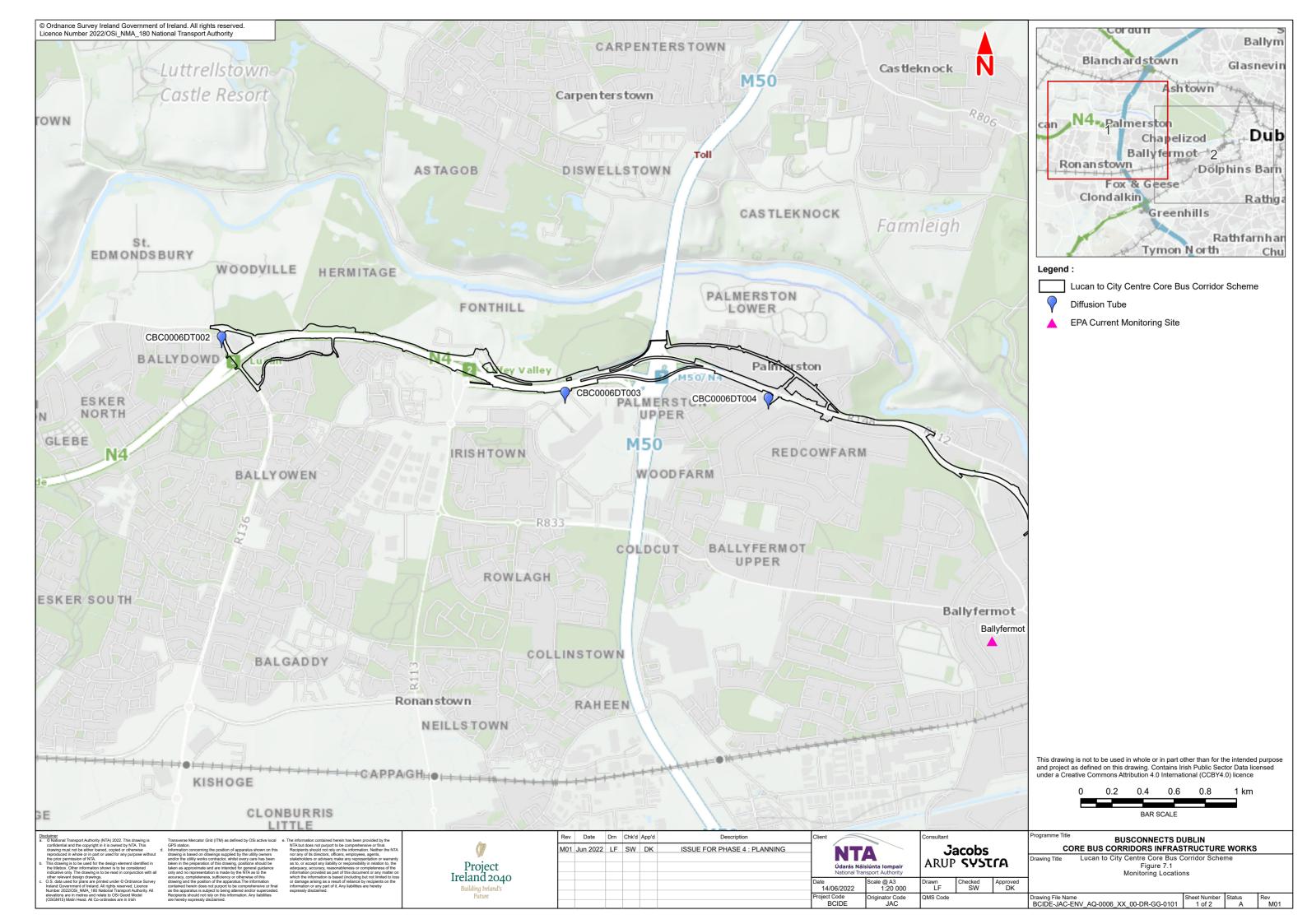
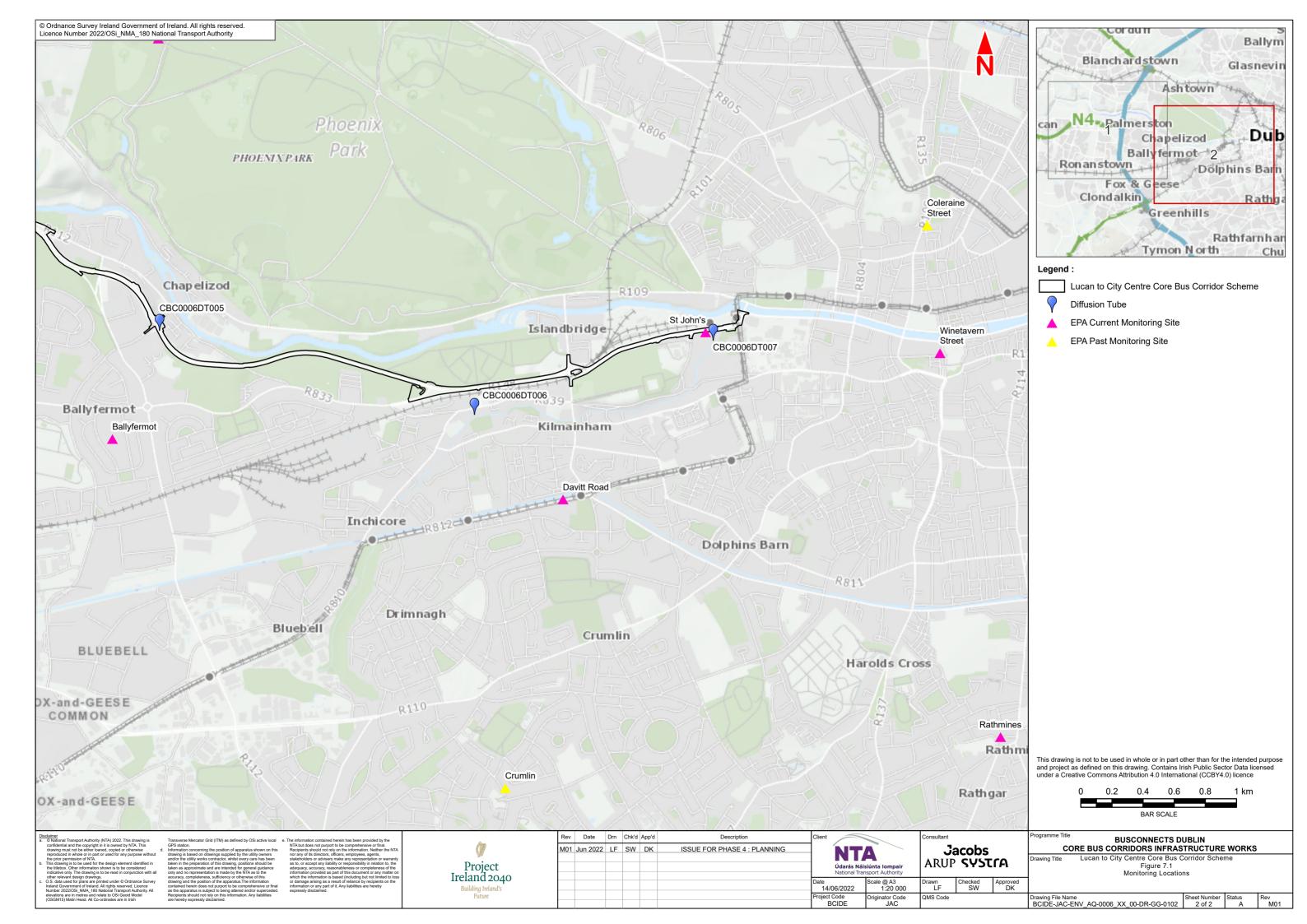
7.1 Monitoring Locations

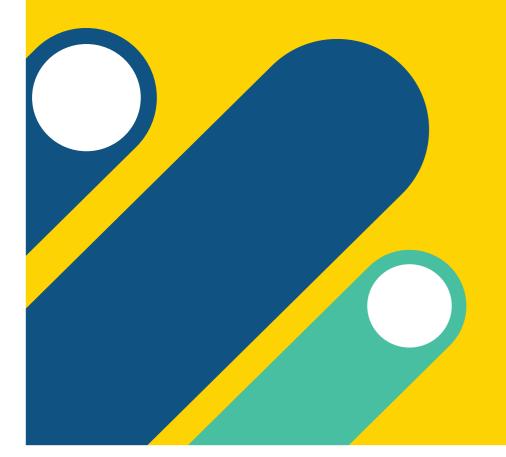




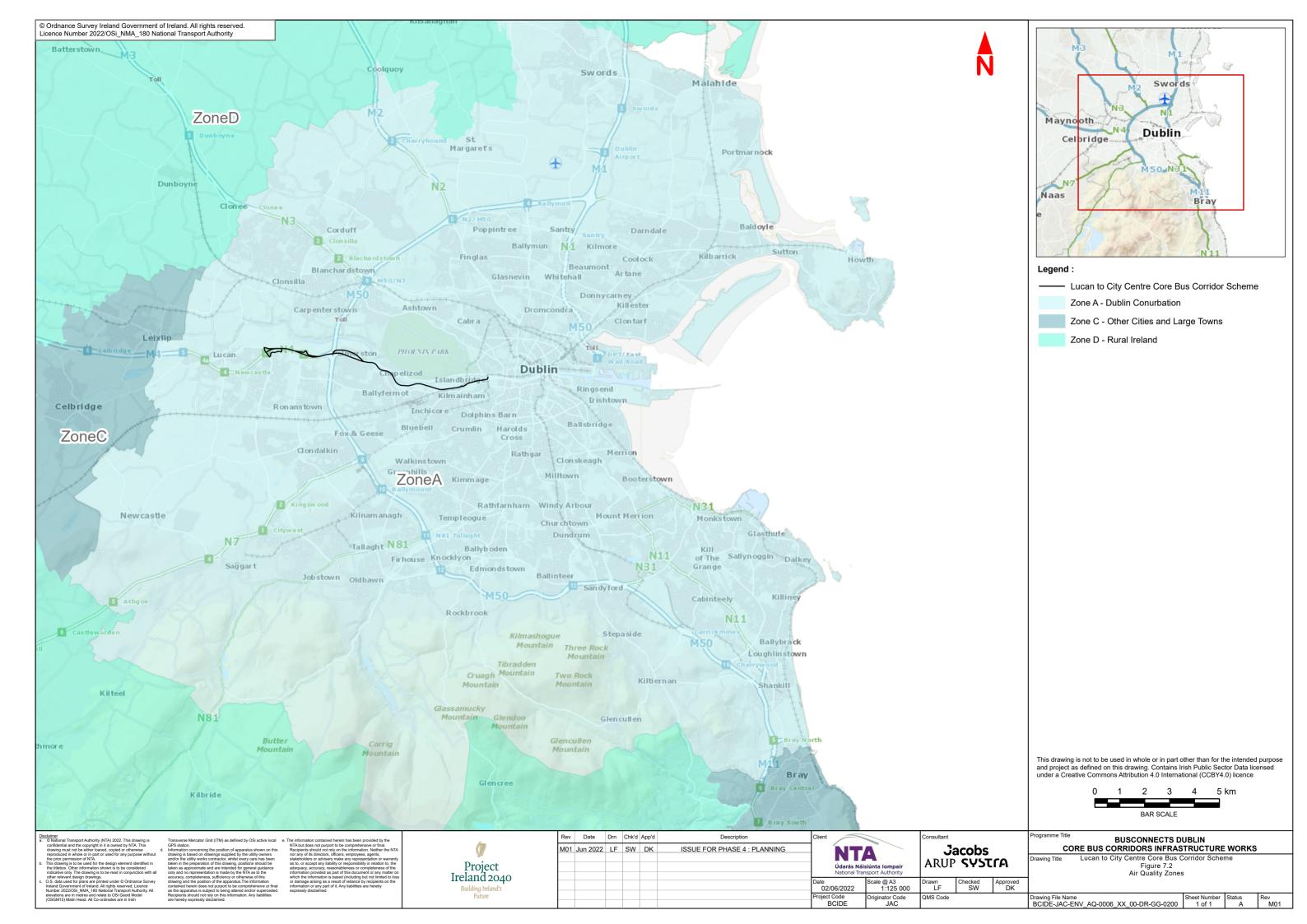




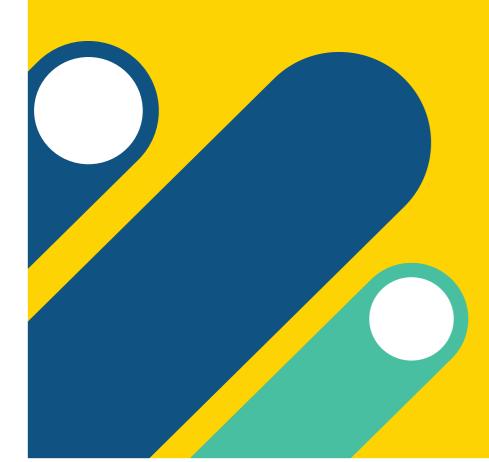
7.2 Air Quality Zones



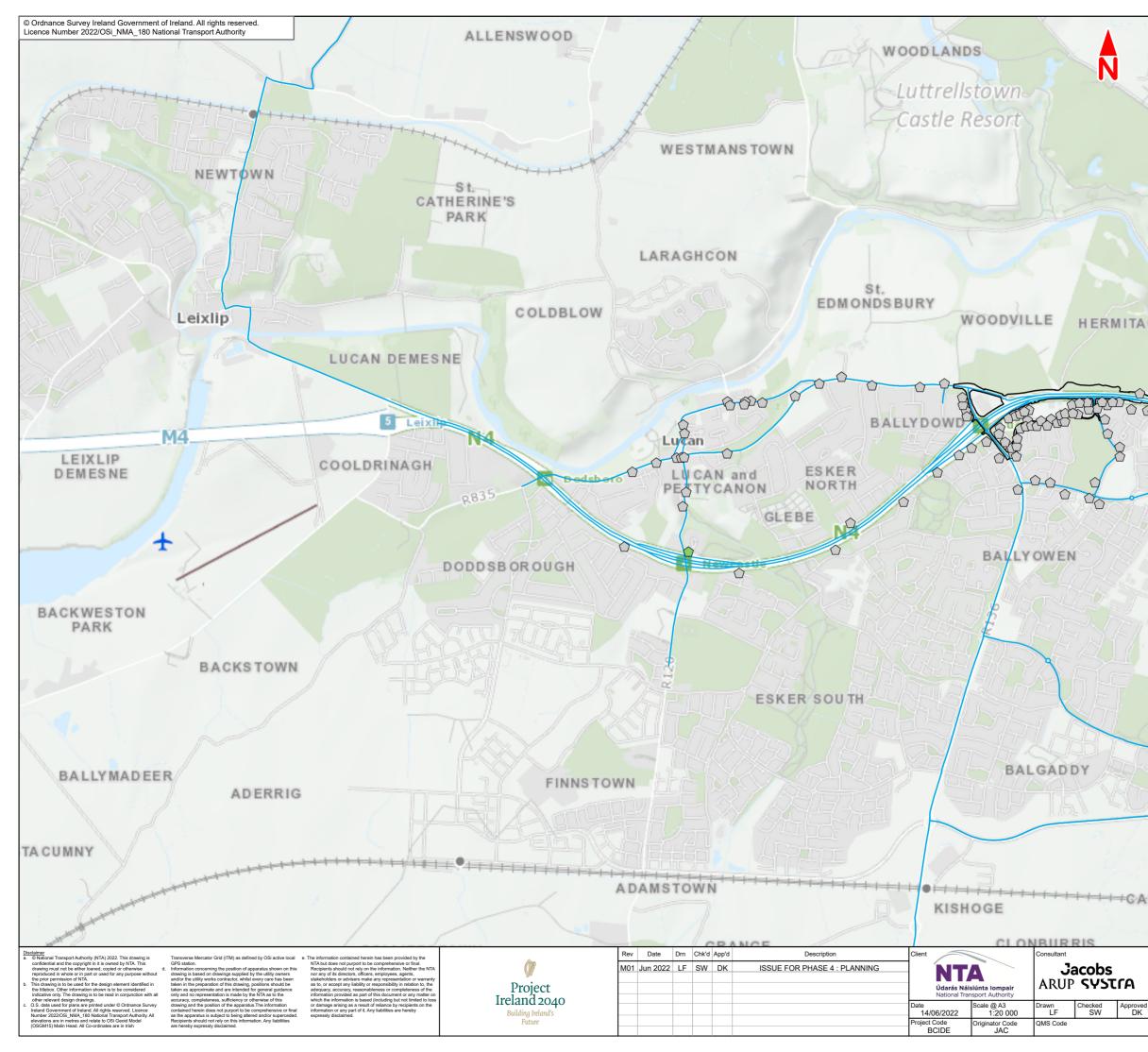




7.3 Modelled Annual Mean NO₂ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme (2028)

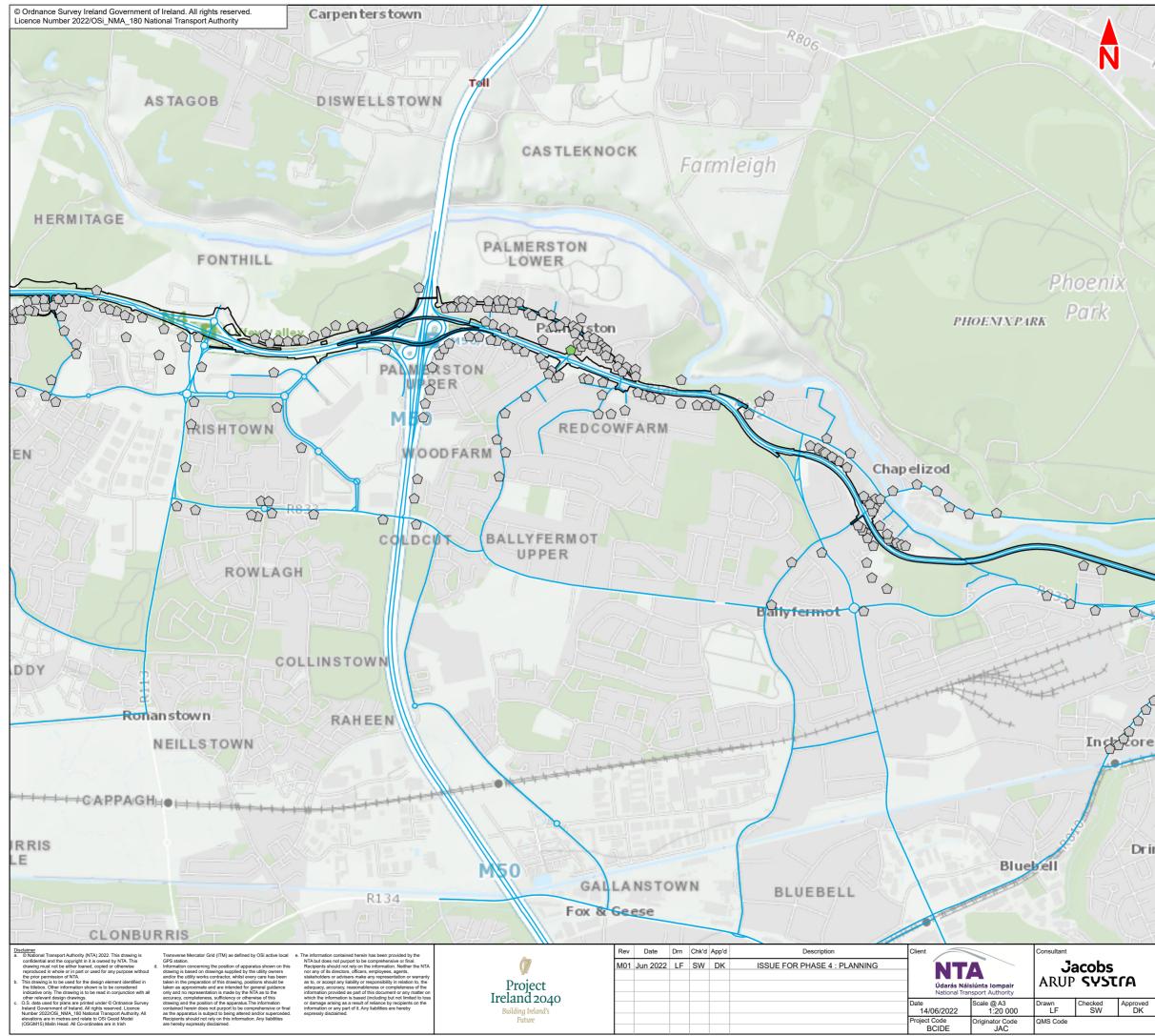






W La L	Dunb oyne Conee N3 Cor duff Blanch ard stown Blanch ard stown Glasnevin Con Ballyfern ot Saftry Ballyfern ot Saftry Ballyboden Ballyboden Ballyboden Ballyboden Ballyboden Ballyboden Ballyboden Saftry Ballyboden Ballintee
MITA G	Lucan to City Centre Core Bus Corridor Scheme
	Modelled Road Network Significance of the modelled change in the annual mean NO ₂ concentration due to Lucan to City Centre Core Bus Corridor Scheme (2028) Negligible Slight Adverse Moderate Adverse
X	
	Substantial Adverse
1	👚 Slight Beneficial
	🔶 Moderate Beneficial
14.b	 Substantial Beneficial
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	Programme Title
	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
:ra	Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.3
	Modelled Annual Mean NO ₂ Impacts (µg/m³) due to Lucan to City Centre Core
Approved	Bus Corridor Scheme (2028)

Drawing File Name	Sheet Number	Status	Rev
BCIDE-JAC-ENV_AQ-0006_XX_00-DR-GG-0301	1 of 3	A	M01





- Lucan to City Centre Core Bus Corridor Scheme
- Modelled Road Network

Significance of the modelled change in the annual mean NO₂ concentration due to Lucan to City Centre Core Bus Corridor Scheme (2028)

- Negligible \bigcirc
- \bigcirc Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial \bigcirc
- \bigcirc Moderate Beneficial
- Substantial Beneficial

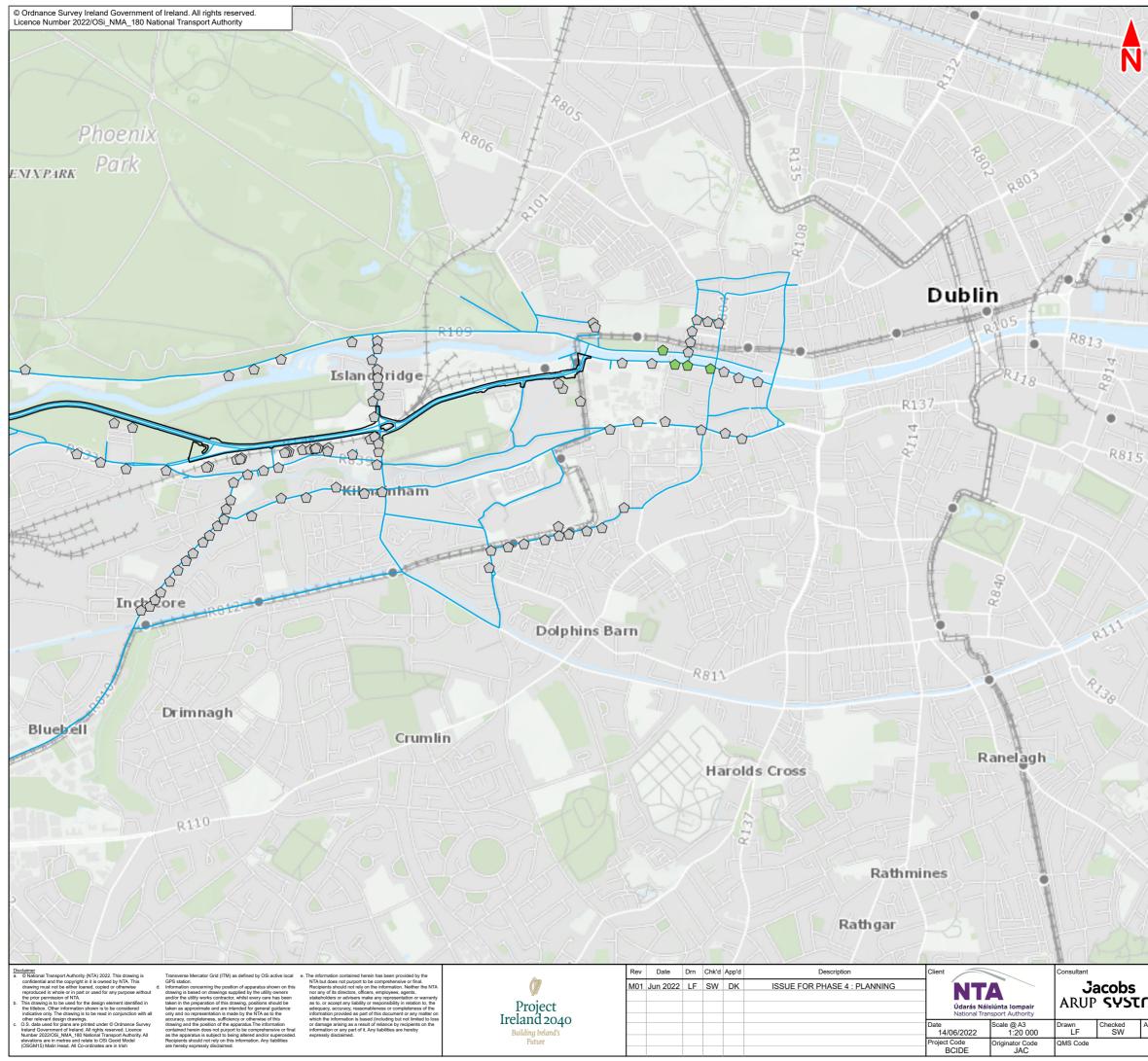
NO₂ Annual Mean Limit Value: 40 µg/m³

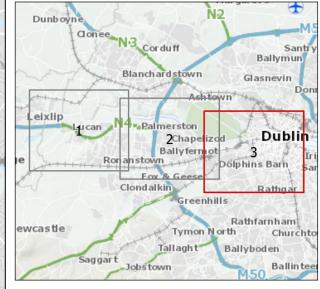
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		Drawing Title Modelled Anr	Lucan to City Centre Core Bus C Figure 7.3 nual Mean NO₂ Impacts (µg/m³) du			e Core
	Approved DK		Bus Corridor Scheme	(2028)		_
		Drawing File Name BCIDE-JAC-E	e NV_AQ-0006_XX_00-DR-GG-0302	Sheet Number 2 of 3	Status A	Rev M01

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Legend :

Lucan to City Centre Core Bus Corridor Scheme

Modelled Road Network

Significance of the modelled change in the annual mean NO₂ concentration due to Lucan to City Centre Core Bus Corridor Scheme (2028)

- Negligible
- \bigcirc Slight Adverse
- Moderate Adverse \bigcirc
- Substantial Adverse
- Slight Beneficial \bigcirc
- \bigcirc Moderate Beneficial
- Substantial Beneficial

NO₂ Annual Mean Limit Value: 40 µg/m³

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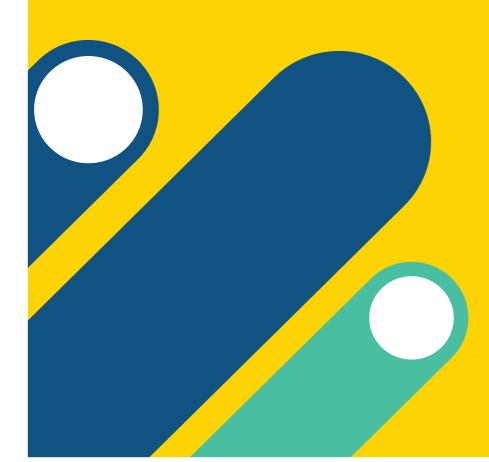


os STrA		Programme Title	BUSCONNECTS D RE BUS CORRIDORS INFRAS		WORKS	,
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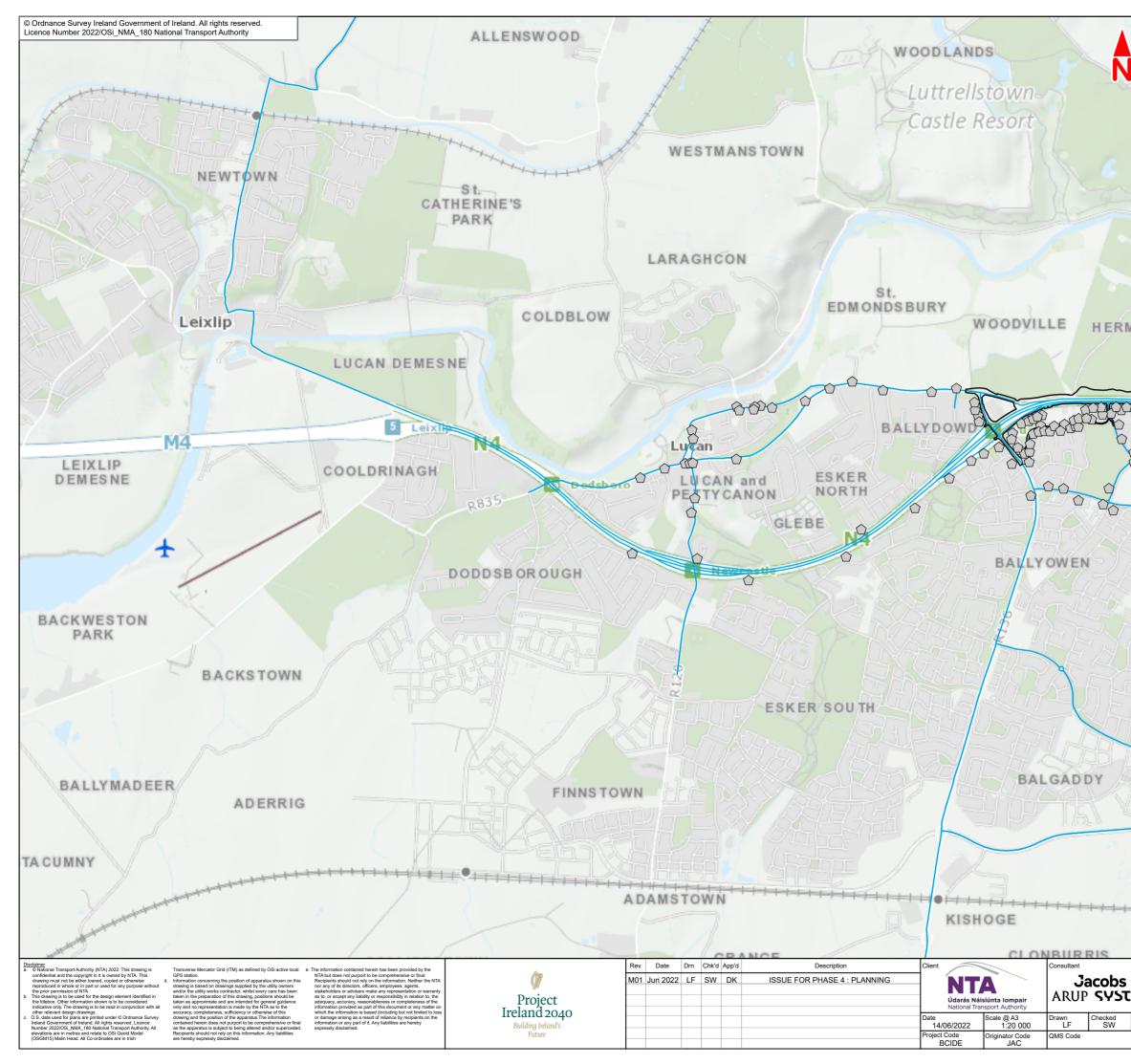
Figure 7.3 mpacts (µg/m³) due to Clongriffin to City Centre is Corridor Scheme (2028)

-		00.0	<i>.</i>	
	BCIDE-JAC-ENV AQ-0006 XX 00-DR-GG-0303	3 of 3	A	M01
	Drawing File Name	Sheet Number	Status	Rev

7.4 Modelled Annual Mean PM₁₀ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme (2028)

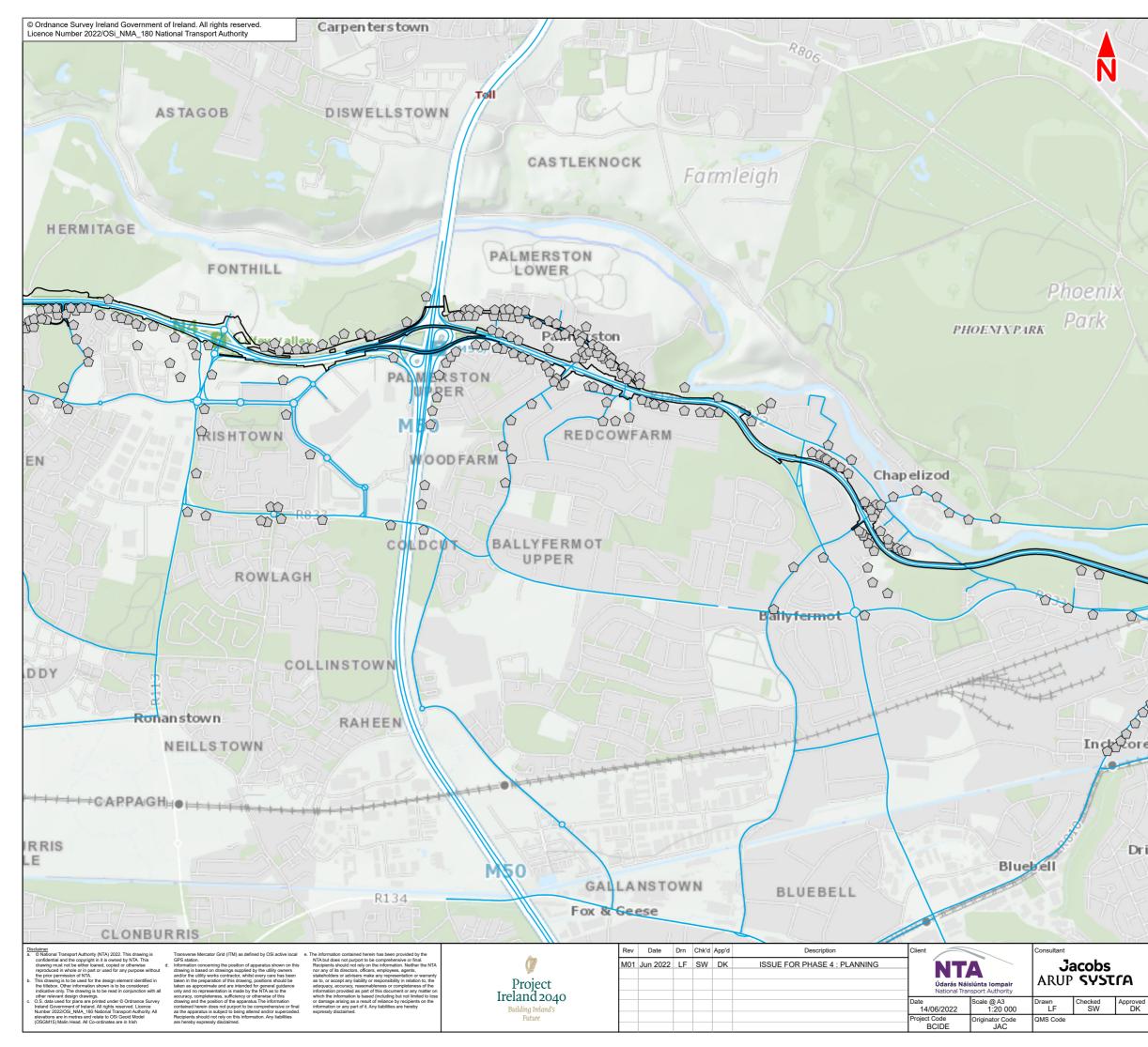






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	 Modelled Road Network Significance of the modelled change in the annual mean PM1₁₀ concentration due to Lucan to City Centre Core Bus Corridor Scheme (2028)
	🕥 Negligible
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	Programme Title BUSCONNECTS DUBLIN
I	CORE BUS CORRIDORS INFRASTRUCTURE WORKS Drawing Title Lucan to City Centre Core Bus Corridor Scheme
Approved	Figure 7.4 Modelled Annual Mean PM₁₀ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme (2028)
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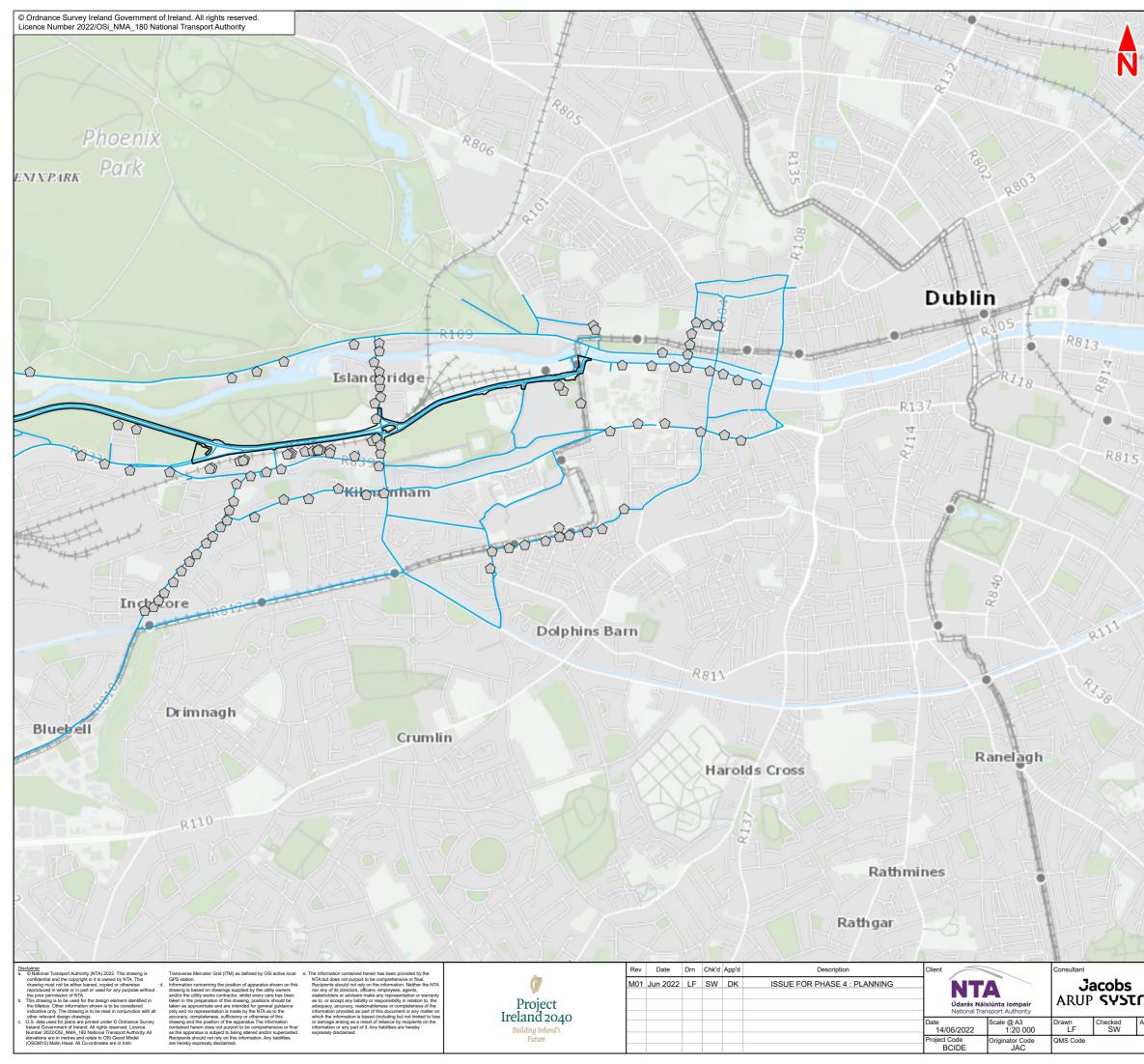
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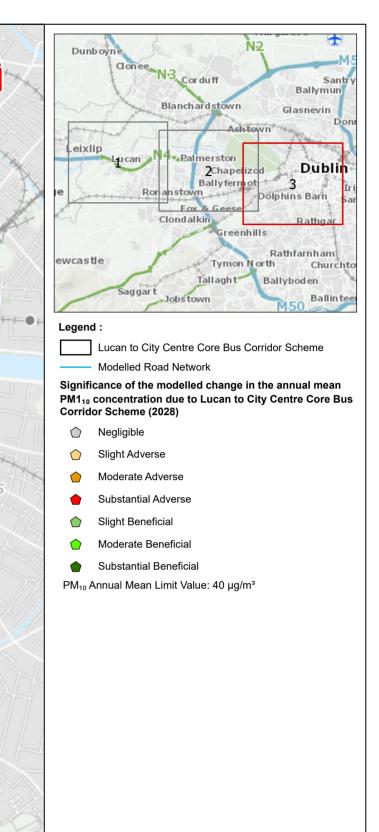


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	Ashtown
-	Leixlip
2	2Chapelized Dublin Ballyfermot
	le Ror anstown Dolphins Barn Sar
19	Clondalkin Rathgar
	Greenhills Rathfarnham
X	ewcastle Tymon North Churchto
1	Tallaght Ballyboden
160	Ballinteer M50
	Legend :
\sum	Lucan to City Centre Core Bus Corridor Scheme
\wedge	— Modelled Road Network Significance of the modelled change in the annual mean
	PM1 ₁₀ concentration due to Lucan to City Centre Core Bus Corridor Scheme (2028)
	🕥 Negligible
	🖒 Slight Adverse
	Moderate Adverse
	Substantial Adverse
-	Slight Beneficial
\sim	Moderate Beneficial
-	Substantial Beneficial
_	PM ₁₀ Annual Mean Limit Value: 40 μg/m³
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N/	Programme Title
	CORE BUS CORRIDORS INFRASTRUCTURE WORKS
<i>ב</i>	Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.4 Modelled Annual Mean PM ₁₀ Impacts (µg/m³) due to Lucan to City Centre
proved	Core Bus Corridor Scheme (2028)

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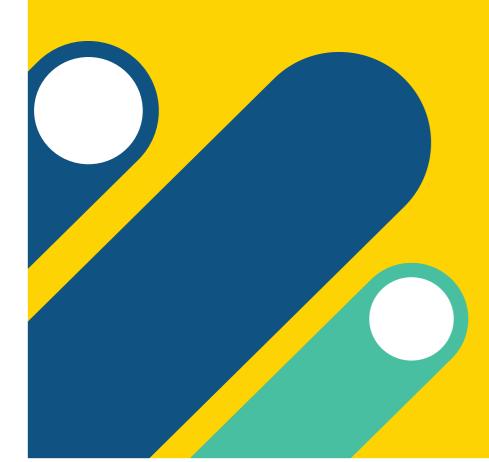


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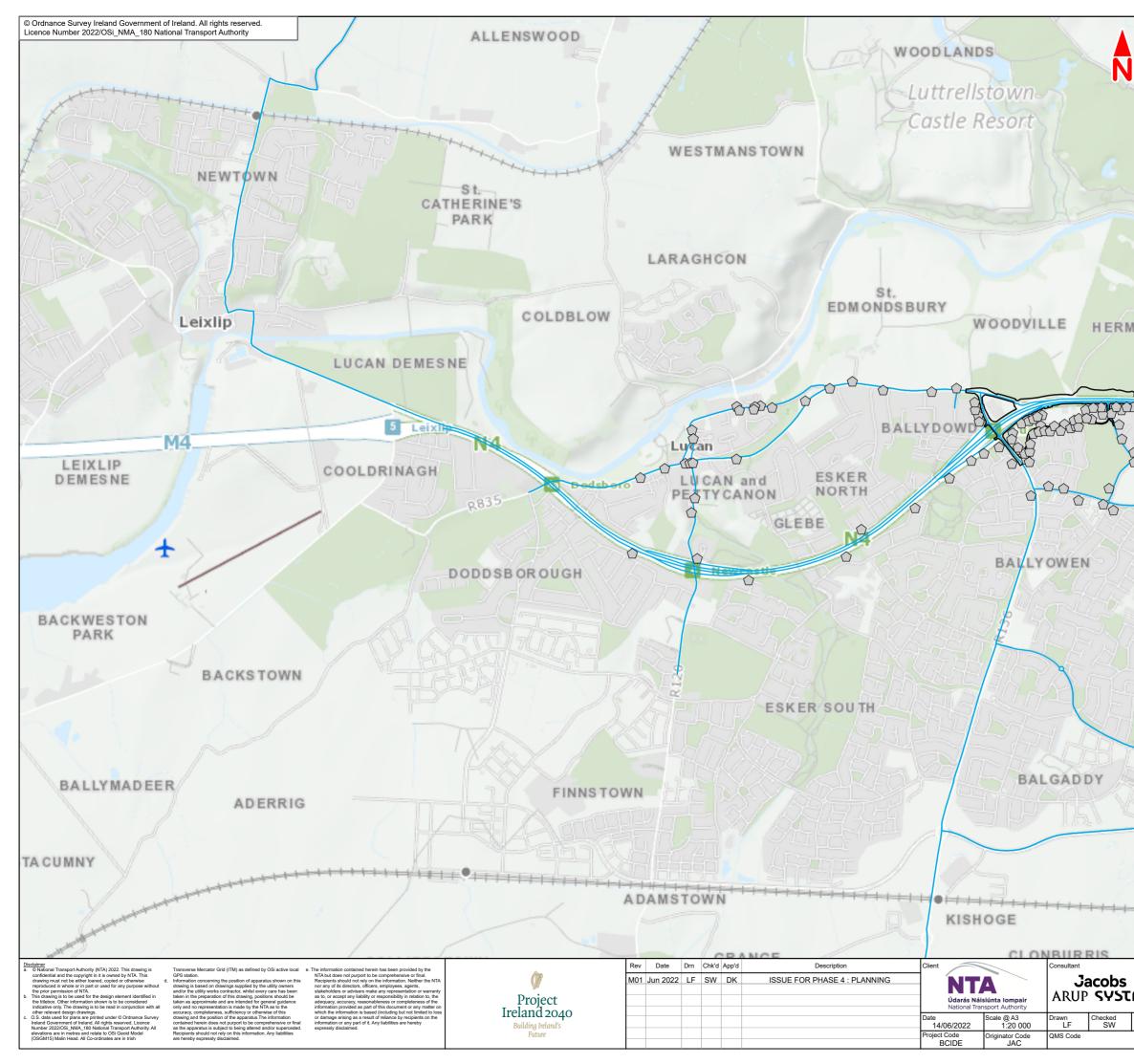


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		CC	ORE BUS CORRIDORS INFRAS	TRUCTURE	WORKS		
		Drawing Title Lucan to City Centre Core Bus Corridor Scheme					
	ſA	Figure 7.4					
		Modelled Annual Mean PM10 Impacts (µg/m3) due to Lucan to City Centre					
	Approved DK	Core Bus Corridor Scheme (2028)					
		Drawing File Nar		Sheet Number	Status	Rev	
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7.5 Modelled Annual Mean PM_{2.5} Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme (2028)

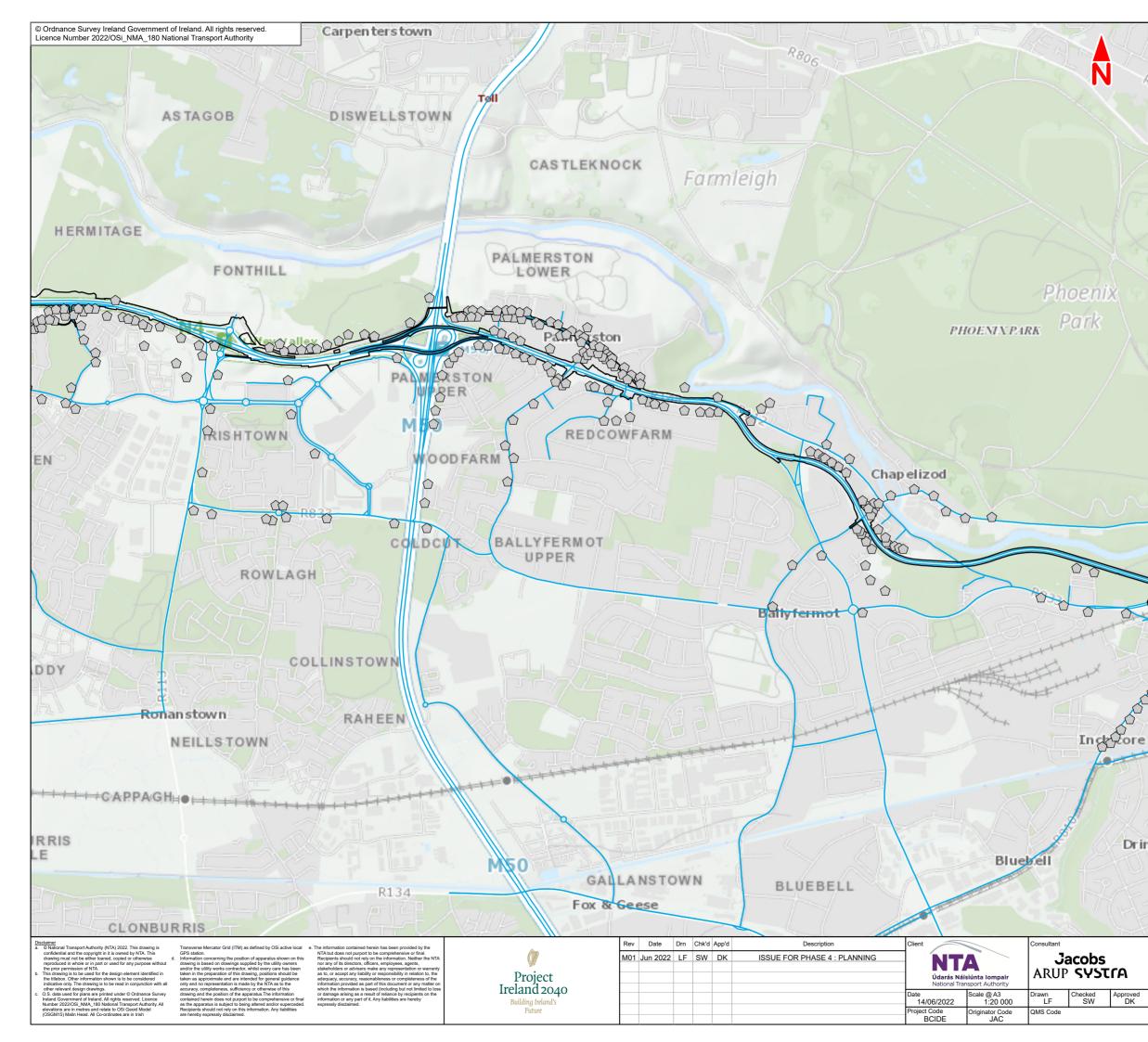


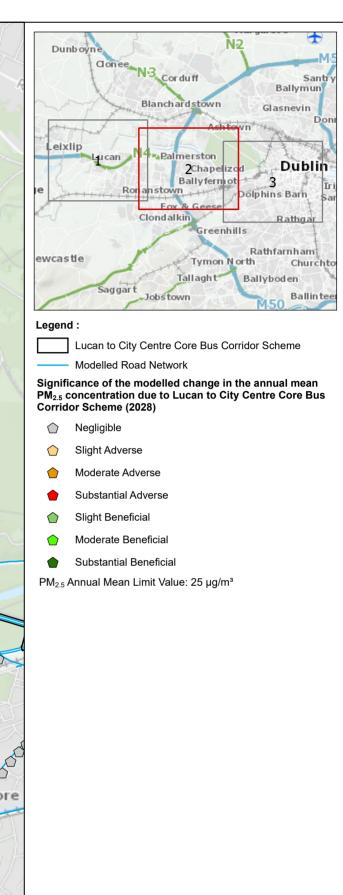




ſ	Dunboyne N2 M5
	Conee N3 Corduff Santry Ballymun
S	Blanchardstown Glasnevin
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2	Fox & Geese
	Clond alkin <u>Rathgar</u> Greenhills
1/	ewcastle Tymon North Churchto
	Tallaght Ballyboden
	Saggart Jobstown Ballintee
	Legend :
UITA G	Lucan to City Centre Core Bus Corridor Scheme
ITTAG	Modelled Road Network
	Significance of the modelled change in the annual mean
	PM _{2.5} concentration due to Lucan to City Centre Core Bus Corridor Scheme (2028)
	🗇 Negligible
	🖒 Slight Adverse
	🔶 Moderate Adverse
X _	Substantial Adverse
	💧 Slight Beneficial
-	🖕 Moderate Beneficial
44	Substantial Beneficial
\mathcal{D}	PM _{2.5} Annual Mean Limit Value: 25 µg/m³
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+GAP	0 0.2 0.4 0.6 0.8 1 km
	BAR SCALE
	Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
:ra	Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.5
Approved	Modelled Annual Mean PM _{2.5} Impacts (µg/m ³) due to Lucan to City Centre Core Bus Corridor Scheme (2028)
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	Sheet Number	Status	Rev
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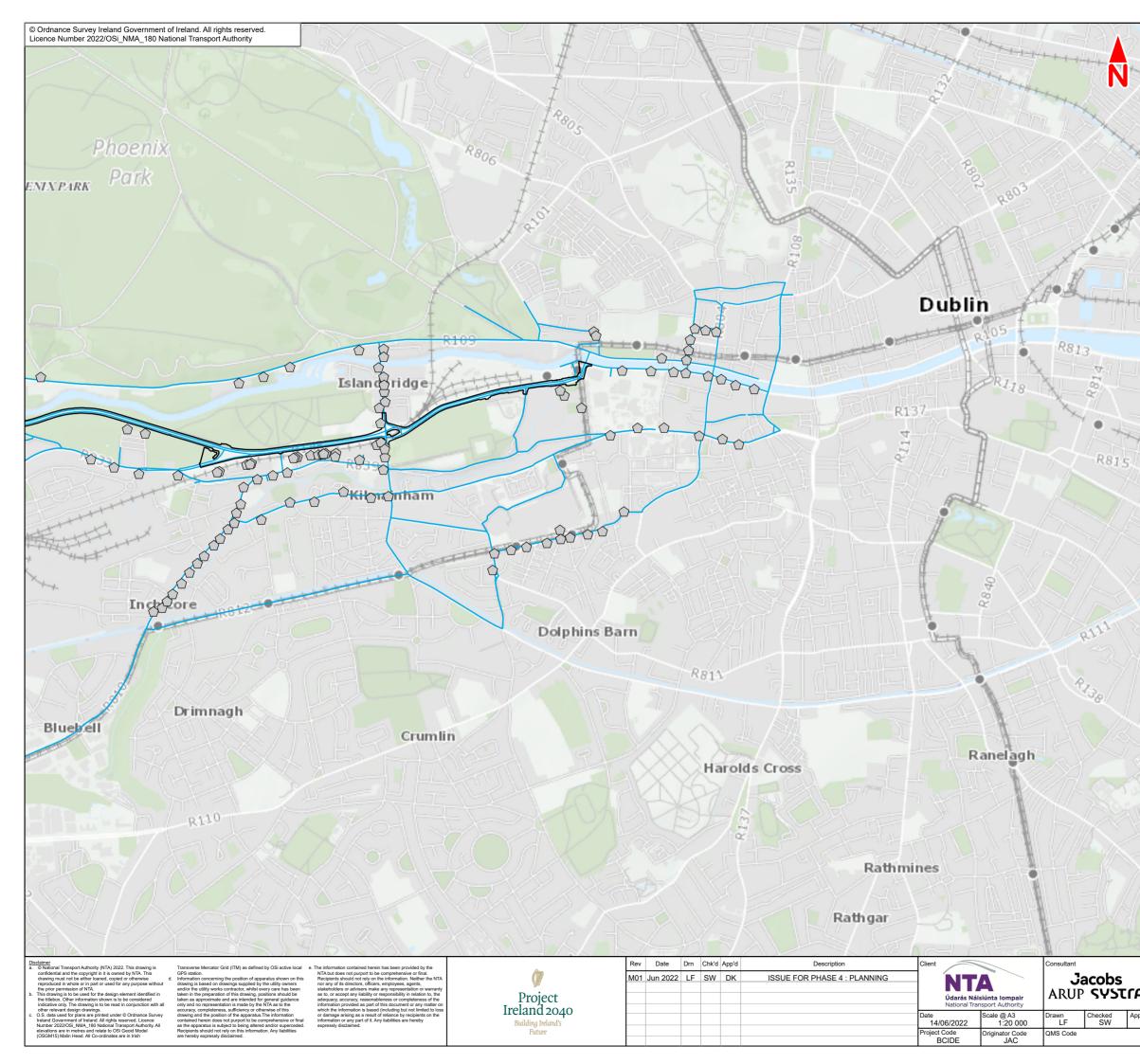


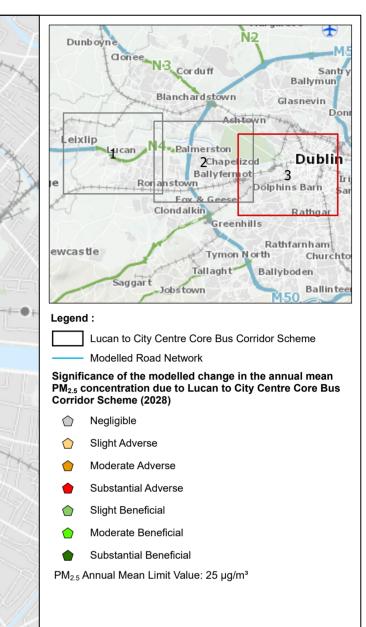


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	Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS					
	Drawing Title Modelled A	Lucan to City Centre Core Bus 0 Figure 7.5 nnual Mean PM _{2.5} Impacts (μg/m³)			entre	
oved DK	Core Bus Corridor Scheme (2028)					
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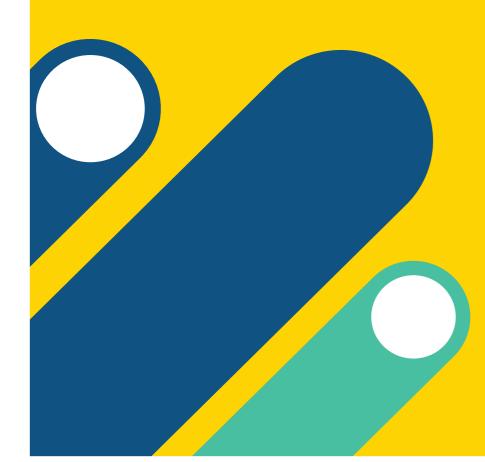


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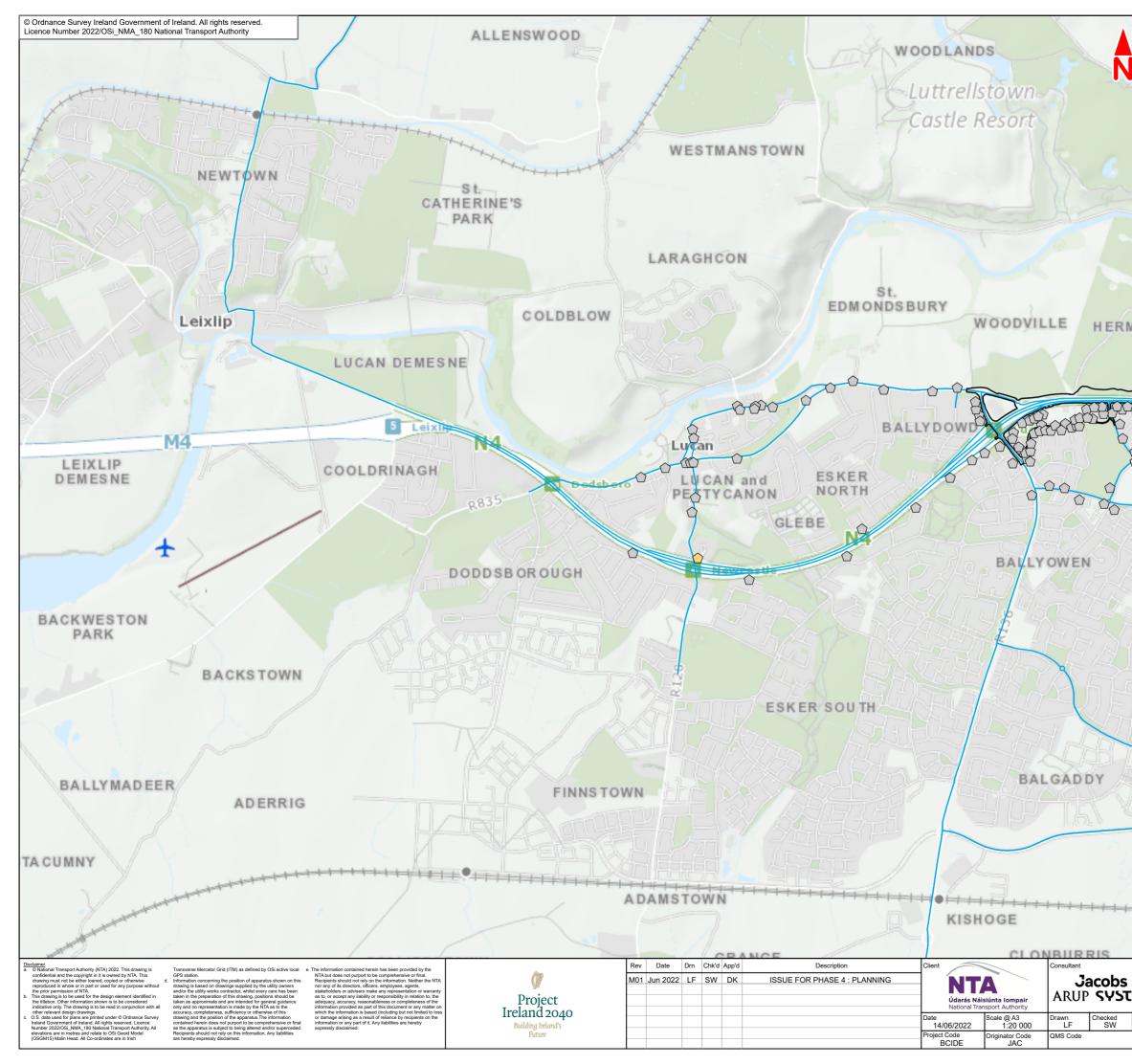


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A	Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.5 Modelled Annual Mean PM _{2.5} Impacts (µg/m ³) due to Lucan to City Centre					entre
pproved DK	Core Bus Corridor Scheme (2028)					
	Drawing File Name BCIDE-JAC-EN	√ AQ-0006 XX 00-D	R-GG-0503	Sheet Number 3 of 3	Status A	Rev M01

7.6 Modelled Annual Mean NO₂ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme -Construction Phase (2024)

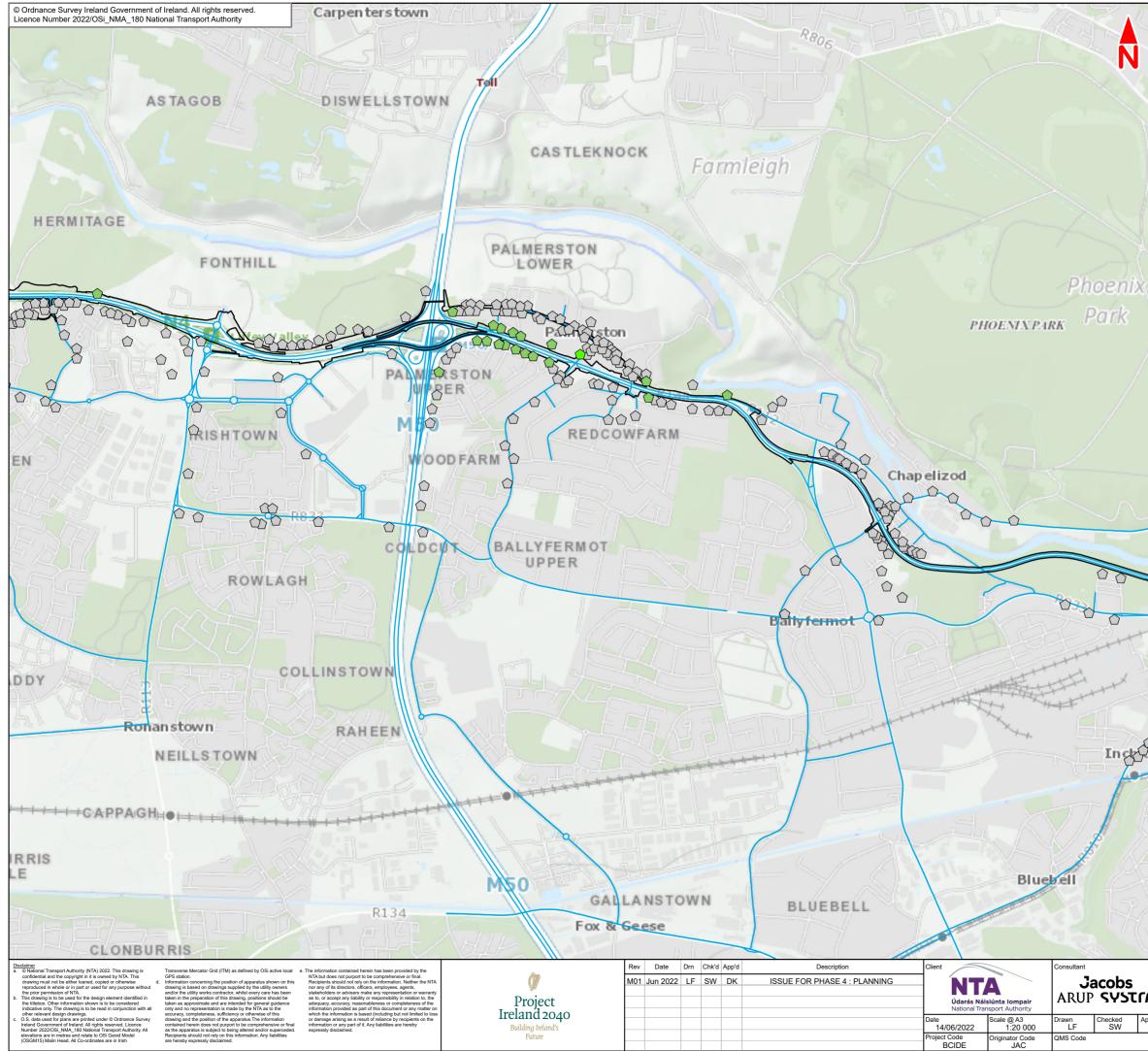






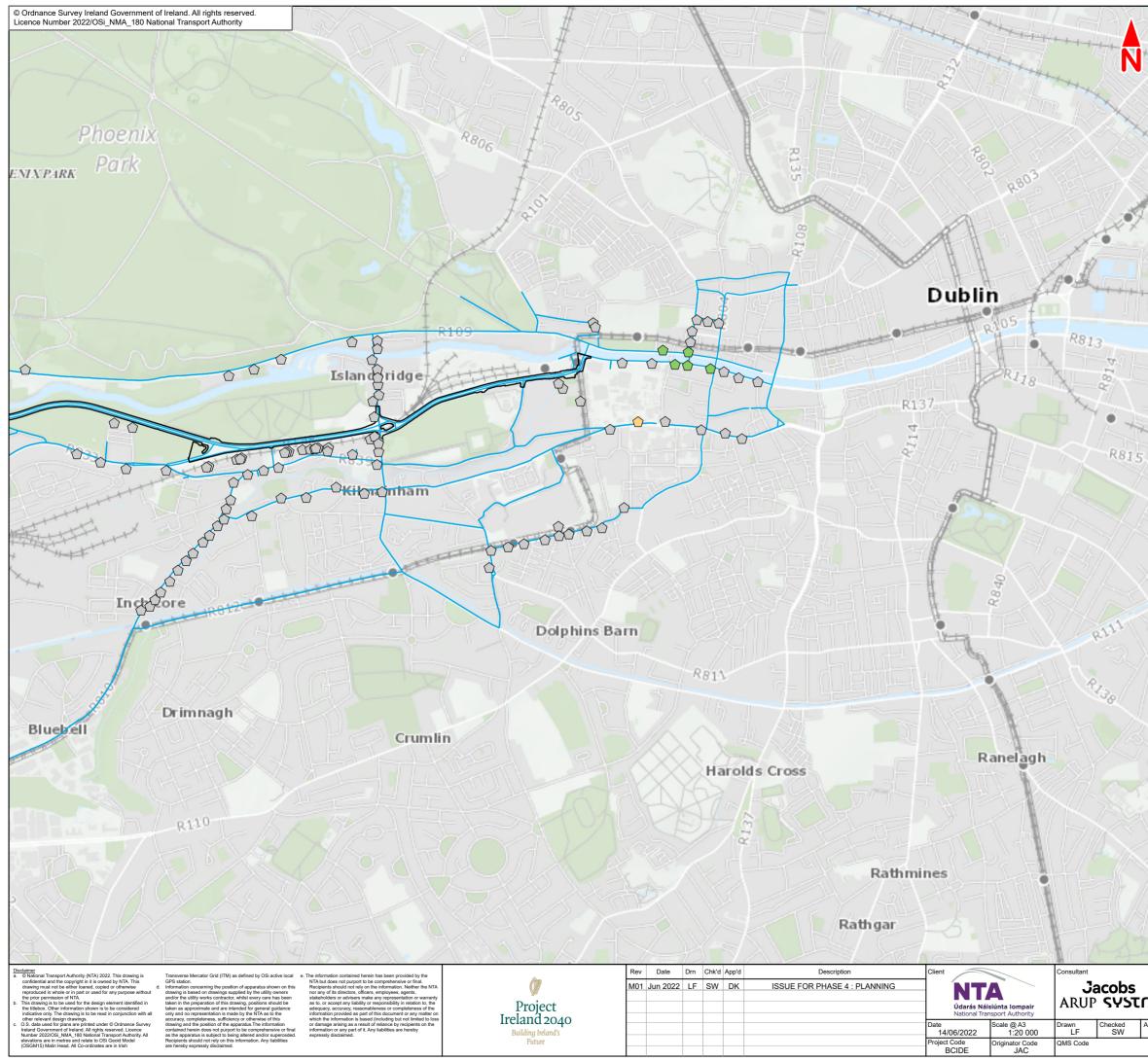
MITAG	Dunboyne N3 Cor duff Santry Blanchardstown Gasnevin Don eixlip Blanchardstown Gasnevin Don Ashtovn Chapelizod Dublin Displand Ballyternot 3 Displand Displand Eewcastle Clondalkin Greenhills Rathfarnham Tymon North Churchto Ballintee Legend : Lucan to City Centre Core Bus Corridor Scheme Modelled Bood Network Modelled Bood Network
2-0-	Modelled Road Network Significance of the modelled change in the annual mean NO ₂ concentration due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)
DO CO	 Negligible Slight Adverse
	Moderate Adverse
	Substantial Adverse
12	Slight Beneficial
7/7-	🔶 Moderate Beneficial
(ΔT)	Substantial Beneficial
	NO₂ Annual Mean Limit Value: 40 µg/m³
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≠C A P	0 0.2 0.4 0.6 0.8 1 km
-	BAR SCALE
	Programme Title BUSCONNECTS DUBLIN
A)	CORE BUS CORRIDORS INFRASTRUCTURE WORKS Drawing Title Lucan to City Centre Core Bus Corridor Scheme
Approved	Figure 7.6 Modelled Annual Mean NO ₂ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

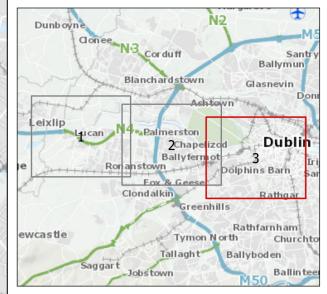
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100	Blanchardstown Glasnevin Doni
	Achtown the Achtown
-	Leixlip Lucan 2Chapelized Dublin
1	Ballyfermot 3
-	Poliphins Barn Sar
1×	Clondalkin Greenhills
	Rathfarnham
X	ewcastle Tymon North Churchto
1	Tallaght Ballyboden Saggart Jobstown Ballintee
6	Jobs town M50
~	Legend :
	Lucan to City Centre Core Bus Corridor Scheme
X	—— Modelled Road Network Significance of the modelled change in the annual mean
1	NO ₂ concentration due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)
	Negligible
	🕥 Slight Adverse
	Moderate Adverse
	Substantial Adverse
-	Slight Beneficial
N	Moderate Beneficial
	Substantial Beneficial
<	NO₂ Annual Mean Limit Value: 40 μg/m³
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s JTIA		Programme Title BUSCONNECTS DI CORE BUS CORRIDORS INFRAS		WORKS	
		Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.6 Modelled Annual Mean NO ₂ Impacts (µg/m ³) due to Lucan to City Centre Core			
	Approved DK	Bus Corridor Scheme - Construction Phase (2024)			
		Drawing File Name BCIDE-JAC-ENV_AQ-0006_XX_00-DR-GG-0602	Sheet Number 2 of 3	Status A	Rev M01





Legend :

Lucan to City Centre Core Bus Corridor Scheme

Modelled Road Network

Significance of the modelled change in the annual mean NO_2 concentration due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

- Negligible
- Slight Adverse
- Moderate Adverse
- Substantial Adverse
- Slight Beneficial
- Moderate Beneficial
- Substantial Beneficial

NO2 Annual Mean Limit Value: 40 µg/m³

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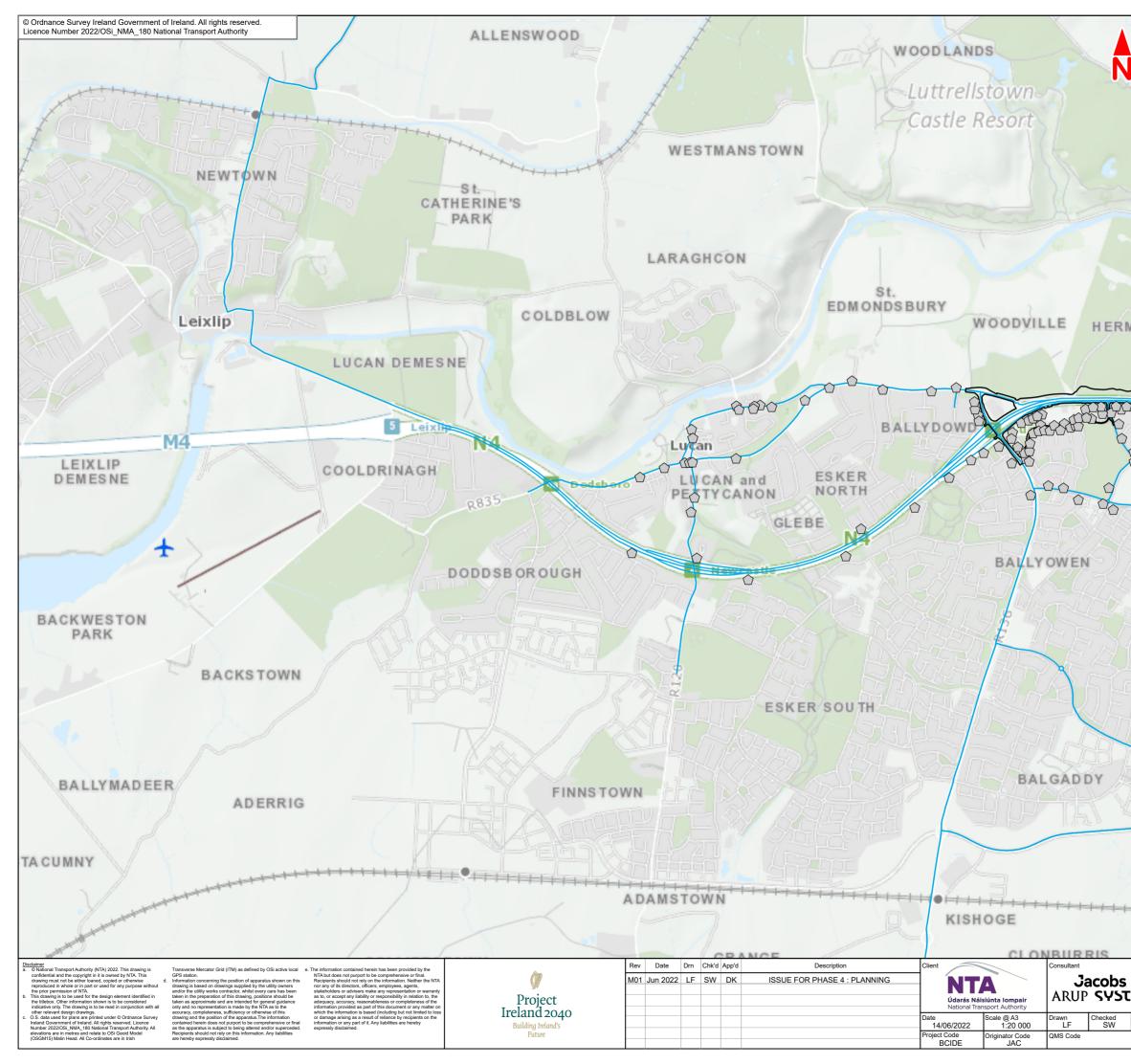
e BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS Lucan to City Centre Core Bus Corridor Scheme Figure 7.6 Annual Mean NO₂ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

 Drawing File Name
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 BCIDE-JAC-ENV_AQ-0006_XX_00-DR-GG-0603
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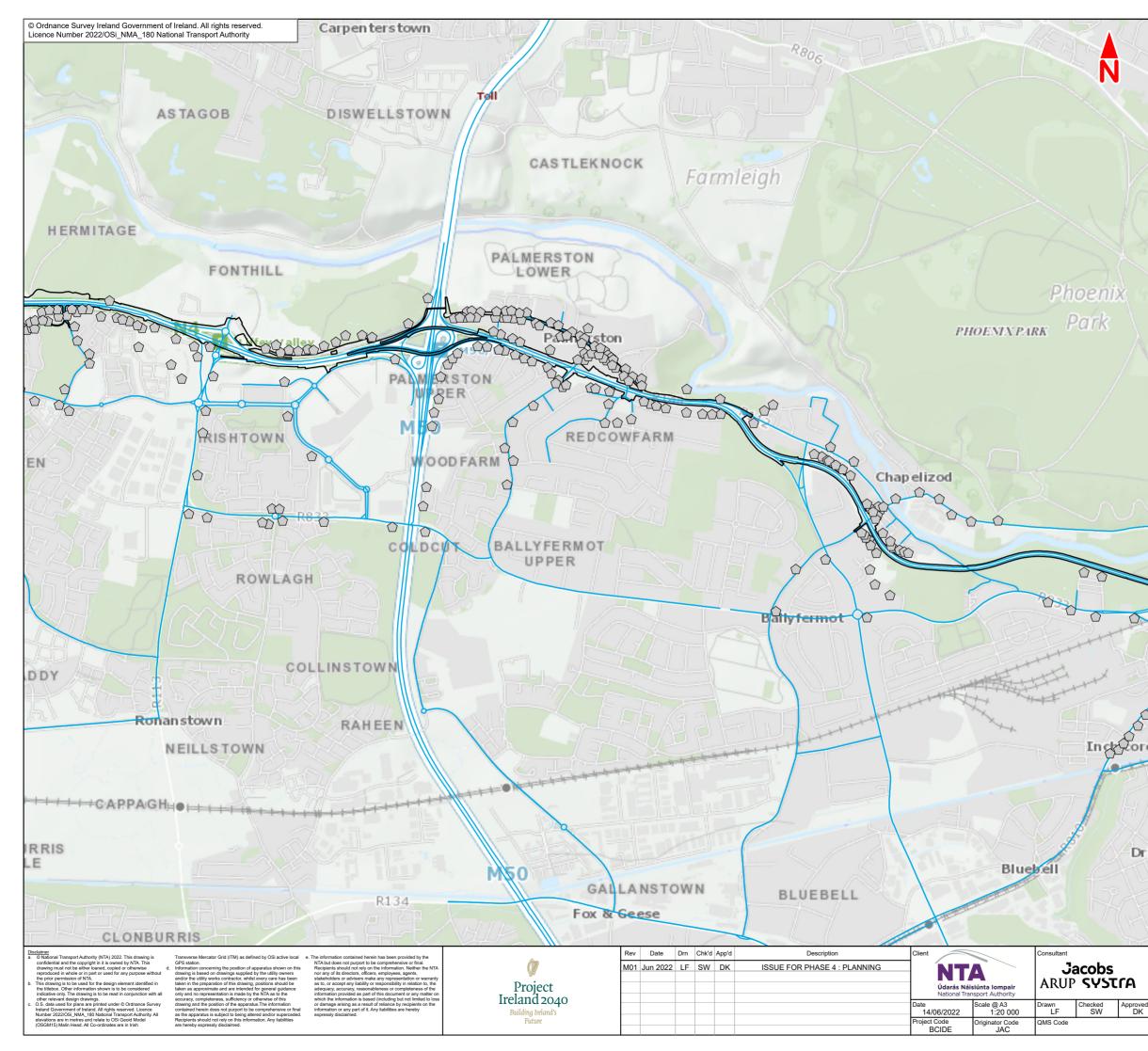
7.7 Modelled Annual Mean PM₁₀ Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)





N Na K	Dunboyne Conee N3 Corduff Blanchardstown Blanchardstown Glasnevin Conapelized Ballyfern ot Saggart Clondalkin Greenhills Clondalkin Greenhills Rathfarnham Churchto Ballyboden
MITAG	Lucan to City Centre Core Bus Corridor Scheme
	 Modelled Road Network Significance of the modelled change in the annual mean PM₁₀ concentration due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024) Negligible Slight Adverse Moderate Adverse Substantial Adverse Slight Beneficial Moderate Beneficial Substantial Beneficial Substantial Beneficial Moderate Limit Value: 40 µg/m³
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(A)	Programme Title BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS Drawing Title Lucan to City Centre Core Bus Corridor Scheme
.1 –1	Figure 7.7 Modelled Annual Mean PM₁₀ Impacts (µg/m³) due to Lucan to City Centre
Approved	Core Bus Corridor Scheme - Construction Phase (2024)

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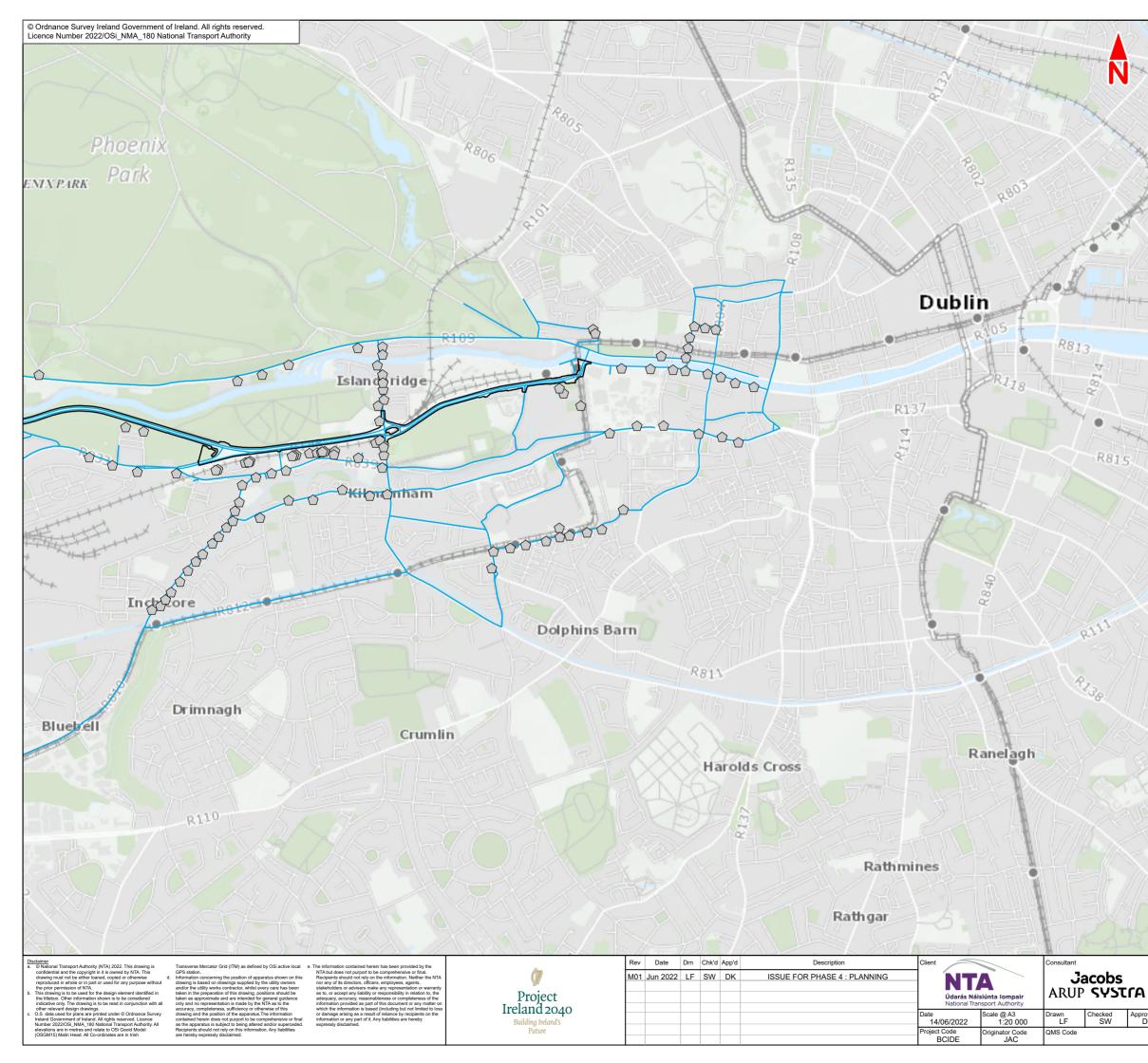


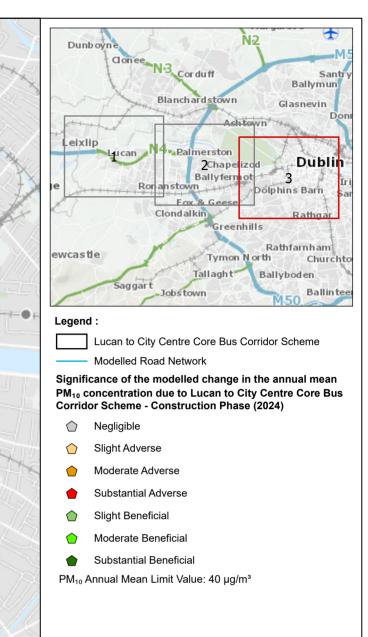
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CS.		Clondalkin	esek .	Rathgar
γ		Gr	eenhills	27. FC
ewca	stle	Tyn	Rati non North	hfarnham Churcht
2		Tallag	ht Bally	boden
1	Saggart	Jobstown	M	50 Ballinte
Lege	nd :			
	Lucan to Cit	y Centre Core E	Bus Corridor S	Scheme
	Modelled Ro	oad Network		
•		modelled char	•	
		n due to Lucan Construction F		
\bigcirc	Negligible			
\bigcirc	Slight Adver	se		
	Moderate Ad	dverse		
	Substantial /	Adverse		
	Slight Benef	icial		
	-			
•	Substantial	Beneficial		
PM ₁	₀ Annual Mean	Limit Value: 40	µg/m³	
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 2 of 3
 S3

M01



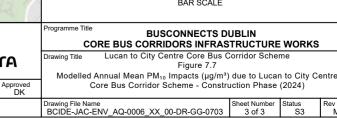


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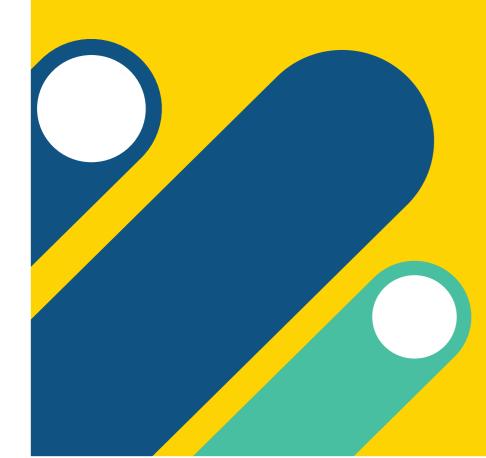
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		BARS	SCALE		
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tatus S3

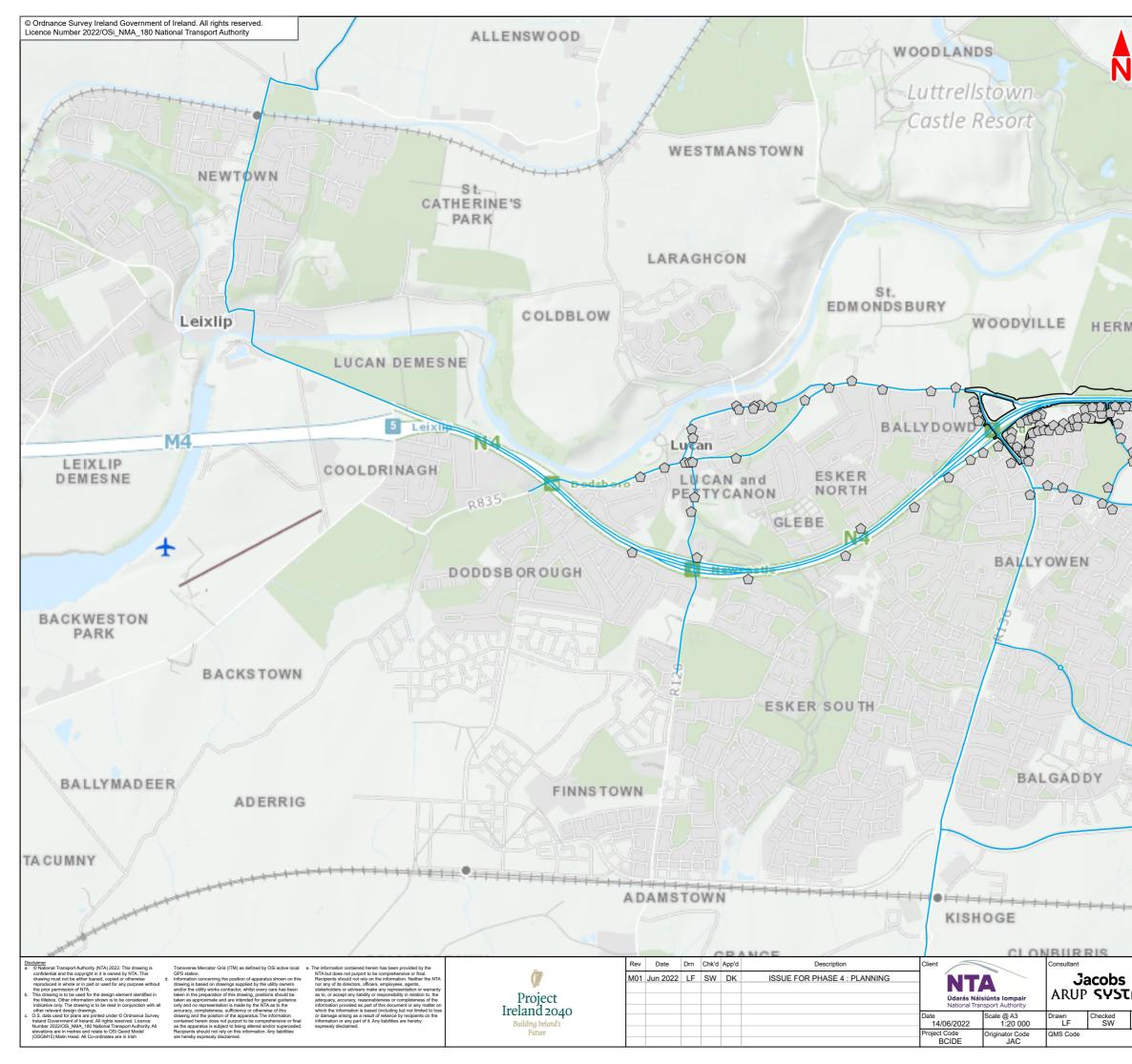
M01



7.8 Modelled Annual Mean PM_{2.5} Impacts (µg/m³) due to Lucan to City Centre Core Bus Corridor Scheme -Construction Phase (2024)

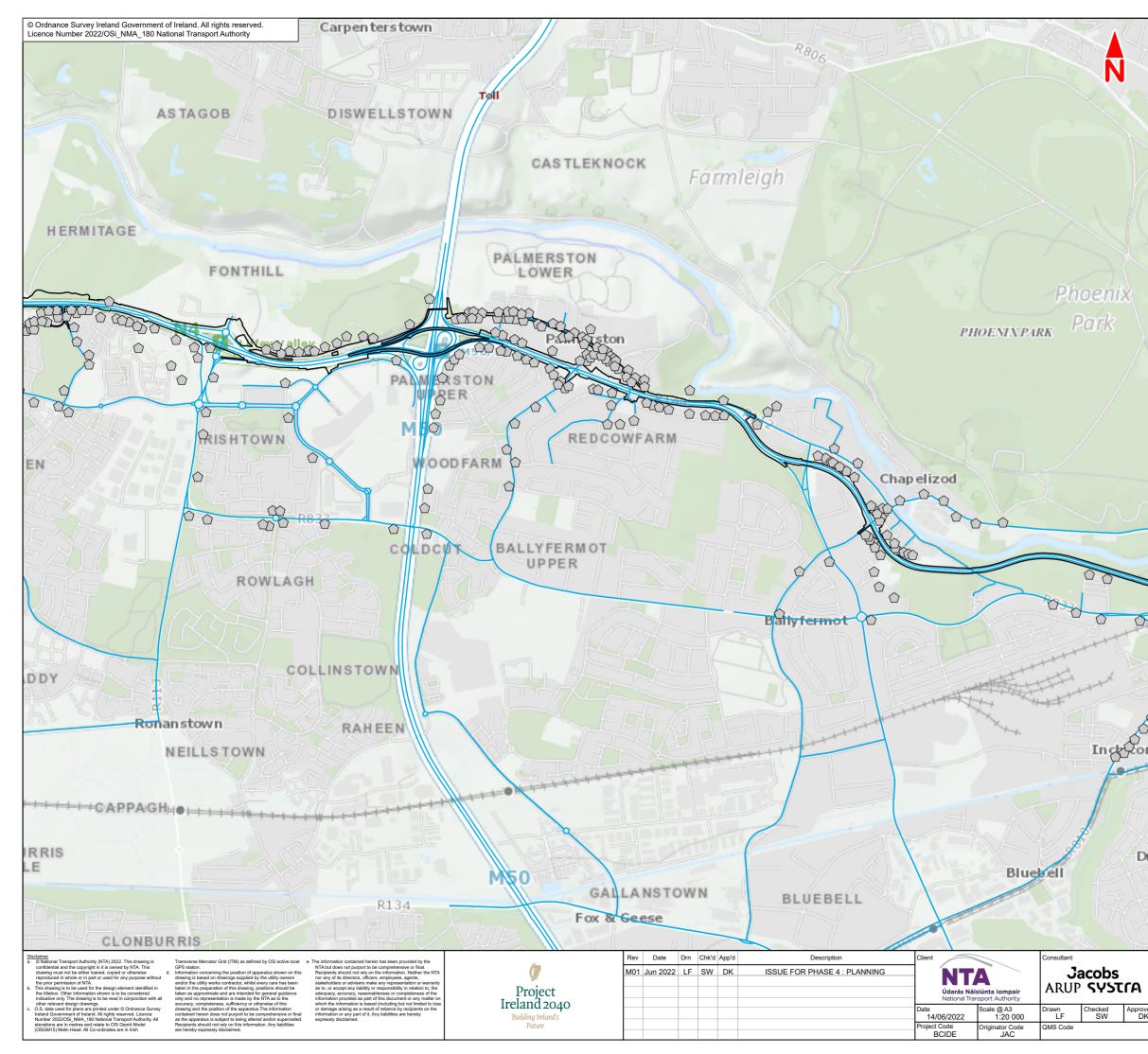






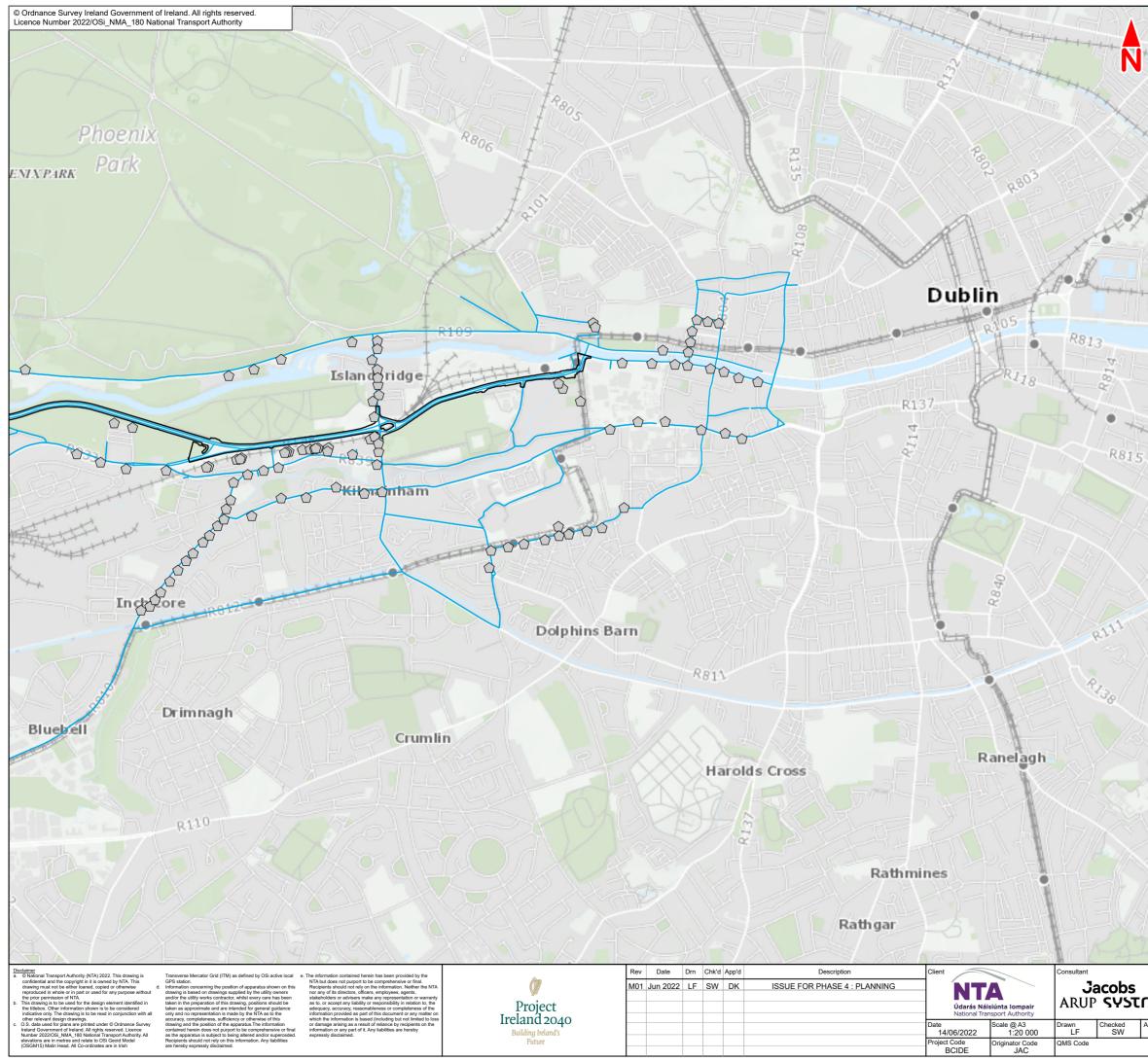
AITAG	Dunb oyne N2 M3 Gonee N3 Cor duff Ballymun Blanch ard stown Glasnevin Glasnevin Glasnevin Don Ashtown Glasnevin Legend : Lucan to City Centre Core Bus Corridor Scheme
	Modelled Road Network
	Significance of the modelled change in the annual mean PM _{2.5} concentration due to Lucan to City Centre Core Bus Corridor Scheme (2024)
	🕥 Slight Adverse
	Moderate Adverse
X	 Substantial Adverse
1 -	Slight Beneficial
-0-	Moderate Beneficial
AL	Substantial Beneficial
H)	
	PM _{2.5} Annual Mean Limit Value: 25 μg/m³
10-1	
74	
7- 11	
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5-0	
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E m	This drawing is not to be used in whole or in part other than for the intended purpose
14	and project as defined on this drawing. Contains Irish Public Sector Data licensed under a Creative Commons Attribution 4.0 International (CCBY4.0) licence
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	Programme Title
	BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS
:ra	Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.8
Approved	Modelled Annual Mean PM _{2.5} Impacts (μg/m³) due to Lucan to City Centre Core Bus Corridor Scheme - Construction Phase (2024)

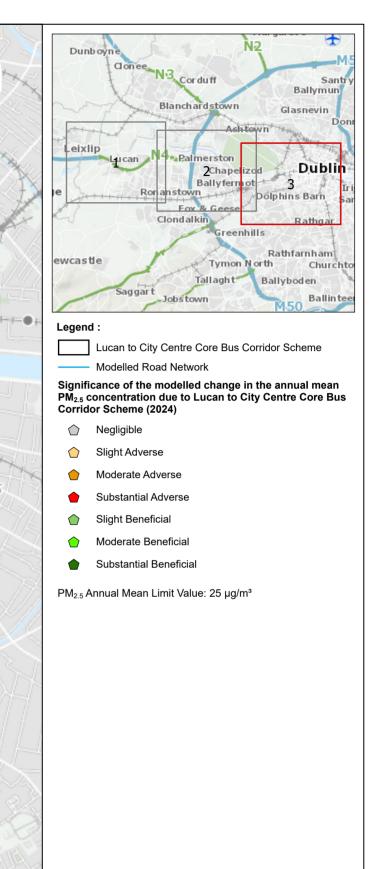
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Legend	4.				150,25
	Lucan to C	ity Centre (		Corrido	Scheme
	Modelled F			Jonuol	Solelie
Signifi	cance of th			in the a	innual mea
PM _{2.5} C	oncentratio	on due to L (2024)	ucan to	City Ce	ntre Core B
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	Moderate A				
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	Slight Bene				
	Moderate E	3eneficial			
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PM _{2.5} A	Annual Mear	n Limit Valu	ie: 25 µg/	m³	
and project	ng is not to be u t as defined on t	this drawing. C	ontains Irish	Public Sec	tor Data license
	eative Common	s Attribution 4.	0 Internation	nal (CCBY4	.0) licence
	0 0.3	2 0.4	0.6	0.8	1 km
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ed (	Figure 7.8 Modelled Annual Mean PM _{2.5} Impacts (μg/m³) Core Bus Corridor Scheme - Constru			entre
	Drawing File Name	Sheet Number	Status	Rev
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		Drawing Title Lucan to City Centre Core Bus Corridor Scheme Figure 7.8 Modelled Annual Mean PM _{2.5} Impacts (µu/m ² ) due to Lucan to City Centre						
d Approved / DK		Core Bus Corridor Scheme - Constru	uction Phase	(2024)				
		Drawing File Name BCIDE-JAC-ENV_AQ-0006_XX_00-DR-GG-0803	Sheet Number 3 of 3	Status A	Rev M			