

# Traffic Signs and Road Markings





# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

## LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

### TRAFFIC SIGNS AND ROAD MARKINGS

DRAWING SERIES NUMBER(S)	DRAWING SERIES DESCRIPTION
BCIDA-ACM-TSM_IX-0006_XX_00-DR-CR-0001	ISSUE FOR LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. TRAFFIC SIGNS AND ROAD MARKINGS. COVER SHEET
BCIDA-ACM-TSM_KP-0006_XX_00-DR-CR-0001	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. TRAFFIC SIGNS AND ROAD MARKINGS. KEY PLAN
BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0001 to 0031	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. TRAFFIC SIGNS AND ROAD MARKINGS

C:\pwworking\40299878\BCIDA-ACM-TSM\_IX-0006\_XX\_00-DR-CR-0001.dwg

**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OS\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

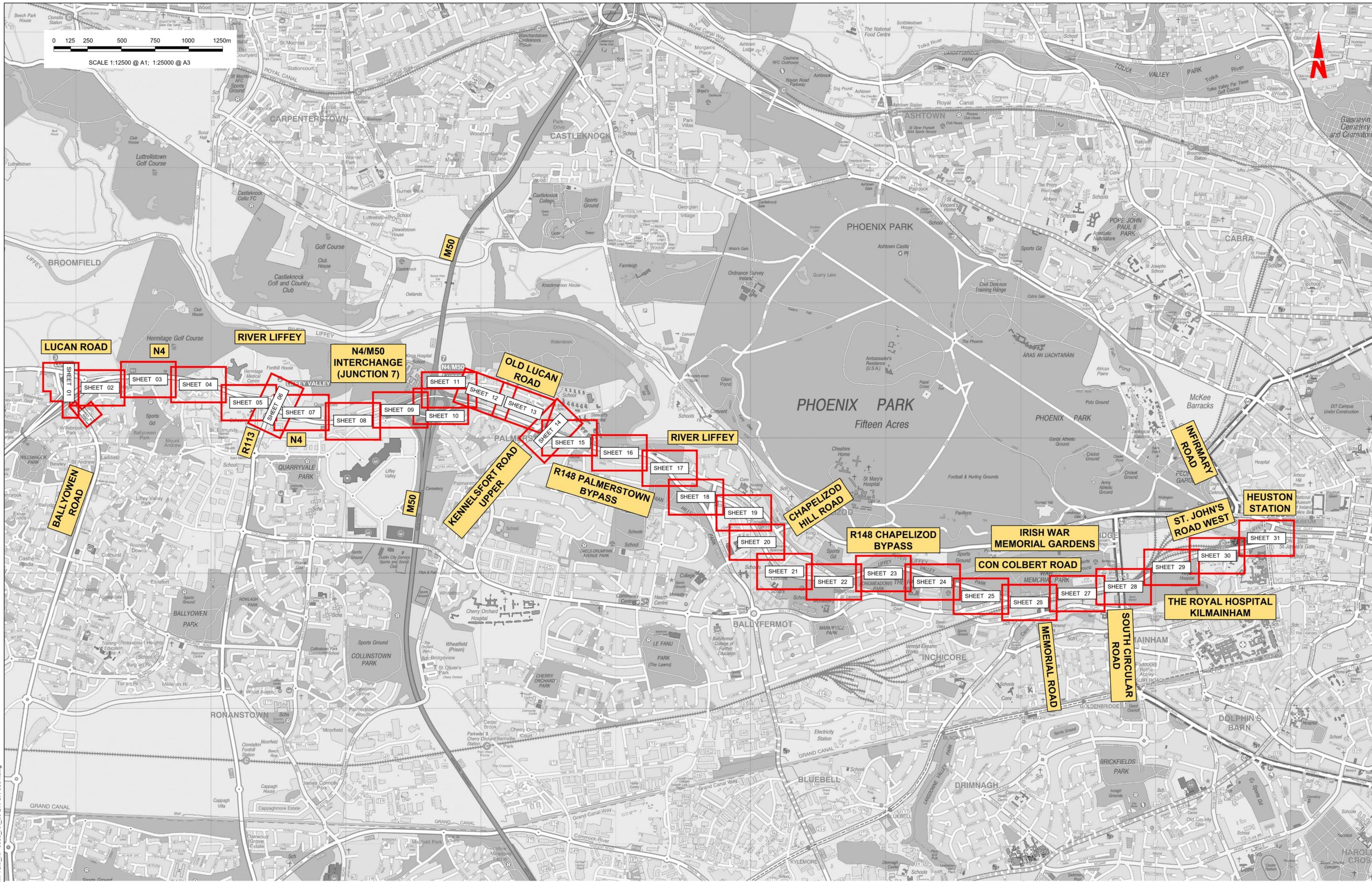


Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>AECOM</b> <b>M</b> <b>MOTT</b> <b>M</b> <b>MACDONALD</b>	
Date 03/10/22	Scale N/A	@ A1 @ A3	Drawn P.K.NOKADA
Project Code BCIDA	Originator Code ACM	Checked A.T.DALE	Approved C.ACTON
QMS Code			

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS COVER SHEET			
Drawing File Name BCIDA-ACM-TSM_IX-0006_XX_00-DR-CR-0001	Sheet Number 01 of 01	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



Disclaimer  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken as to the accuracy, completeness, sufficiency or otherwise of this information, NTA does not warrant or accept any liability or responsibility in relation to the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chkd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

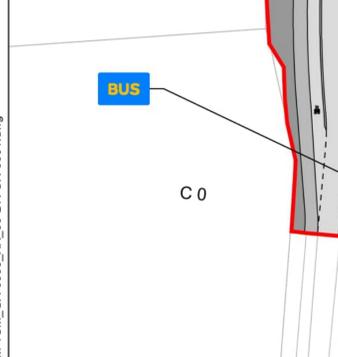
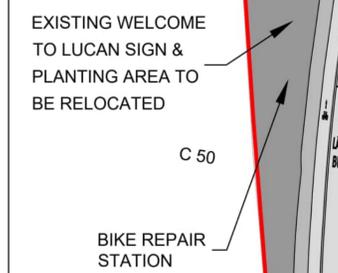
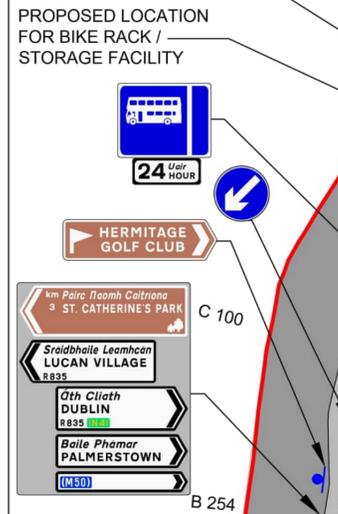
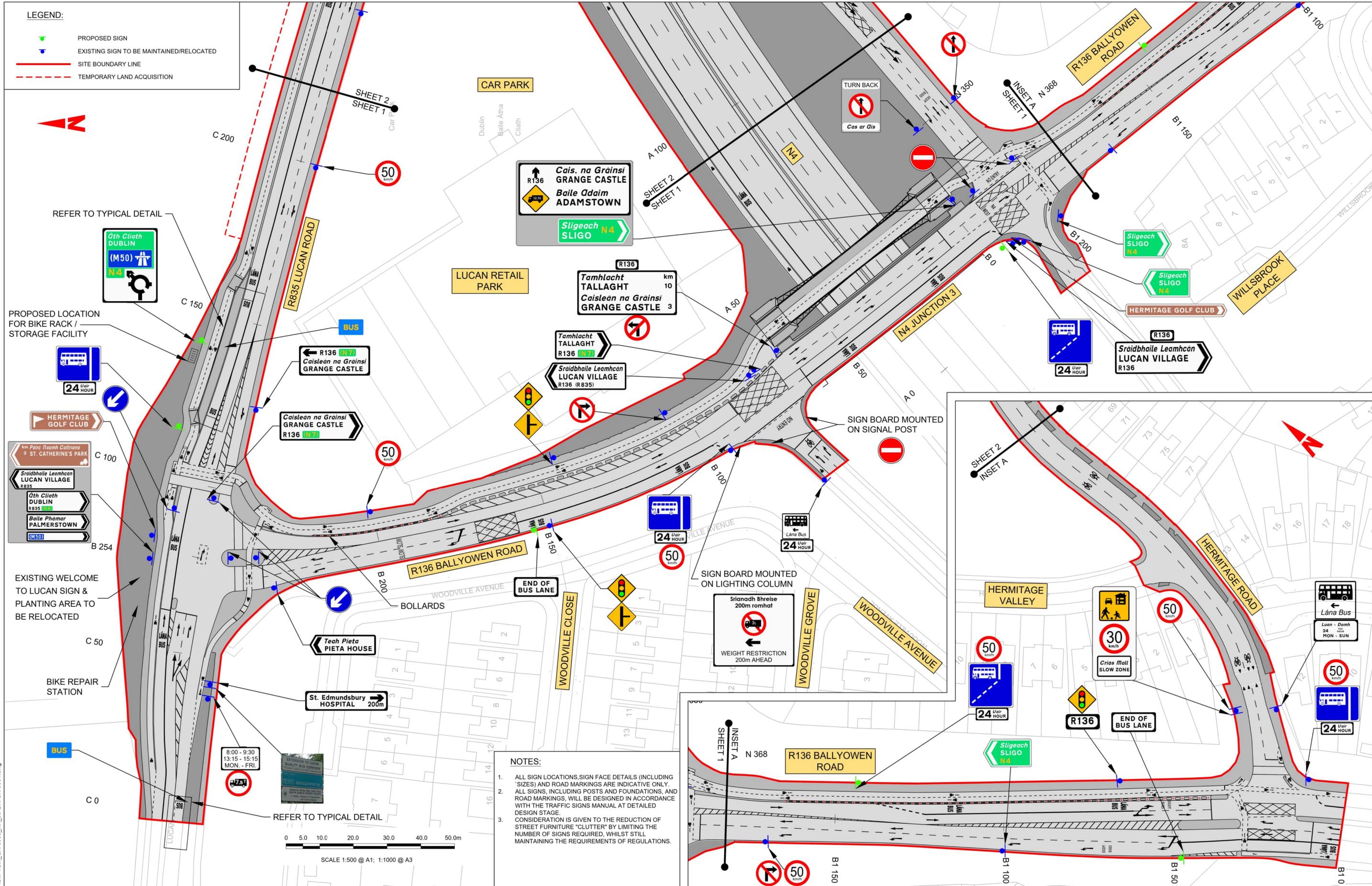
Date: 03/10/22 Scale: 1:12500 @ A1, 1:25000 @ A3  
 Drawn: P.K.NOKADA Checked: A.T.DALE Approved: C.ACTON

Project Code: BCIDA Originator Code: ACM QMS Code:

Programme Title	<b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>		
Drawing Title	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS KEY PLAN		
Drawing File Name	Sheet Number	Status	Rev
BCIDA-ACM-TSM_KP-0006_XX_00-DR-CR-0001	01 of 01	A	M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

- LEGEND:**
- PROPOSED SIGN
  - EXISTING SIGN TO BE MAINTAINED/RELOCATED
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION



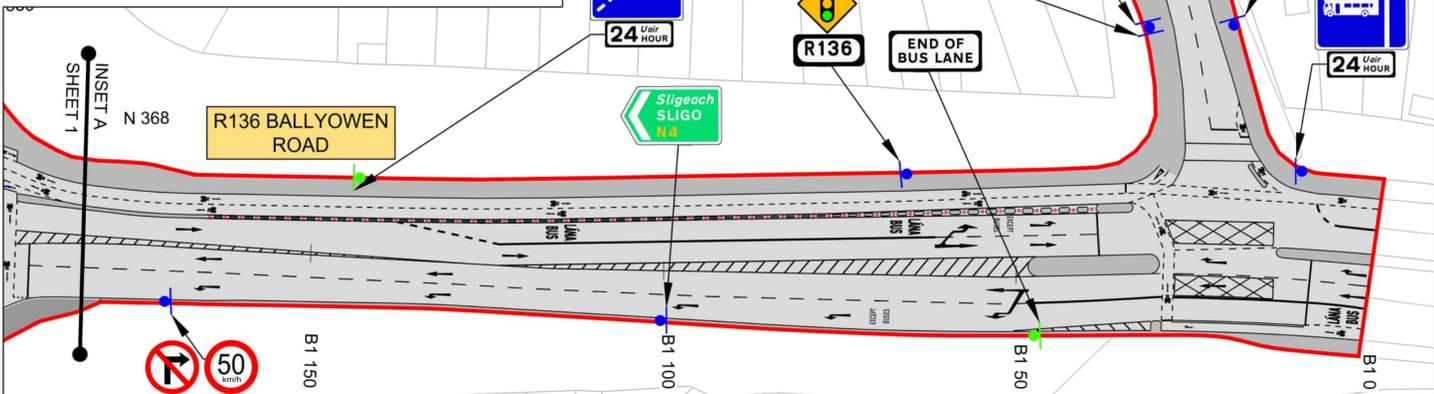
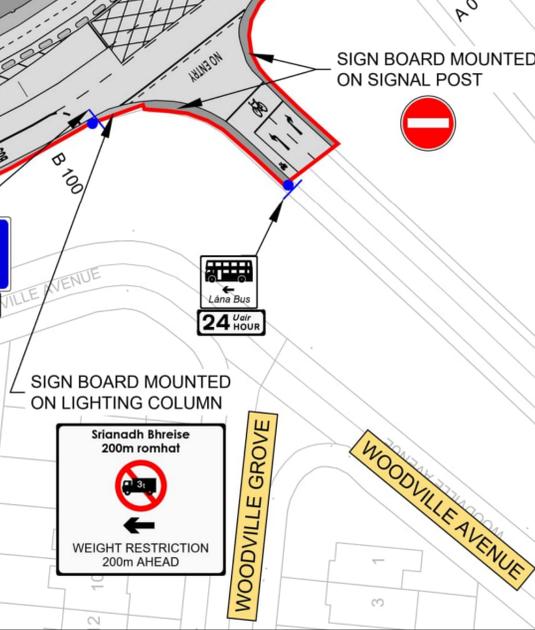
**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING "SIZES") AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

SCALE 1:500 @ A1; 1:1000 @ A3

**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING "SIZES") AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



**Disclaimer:**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

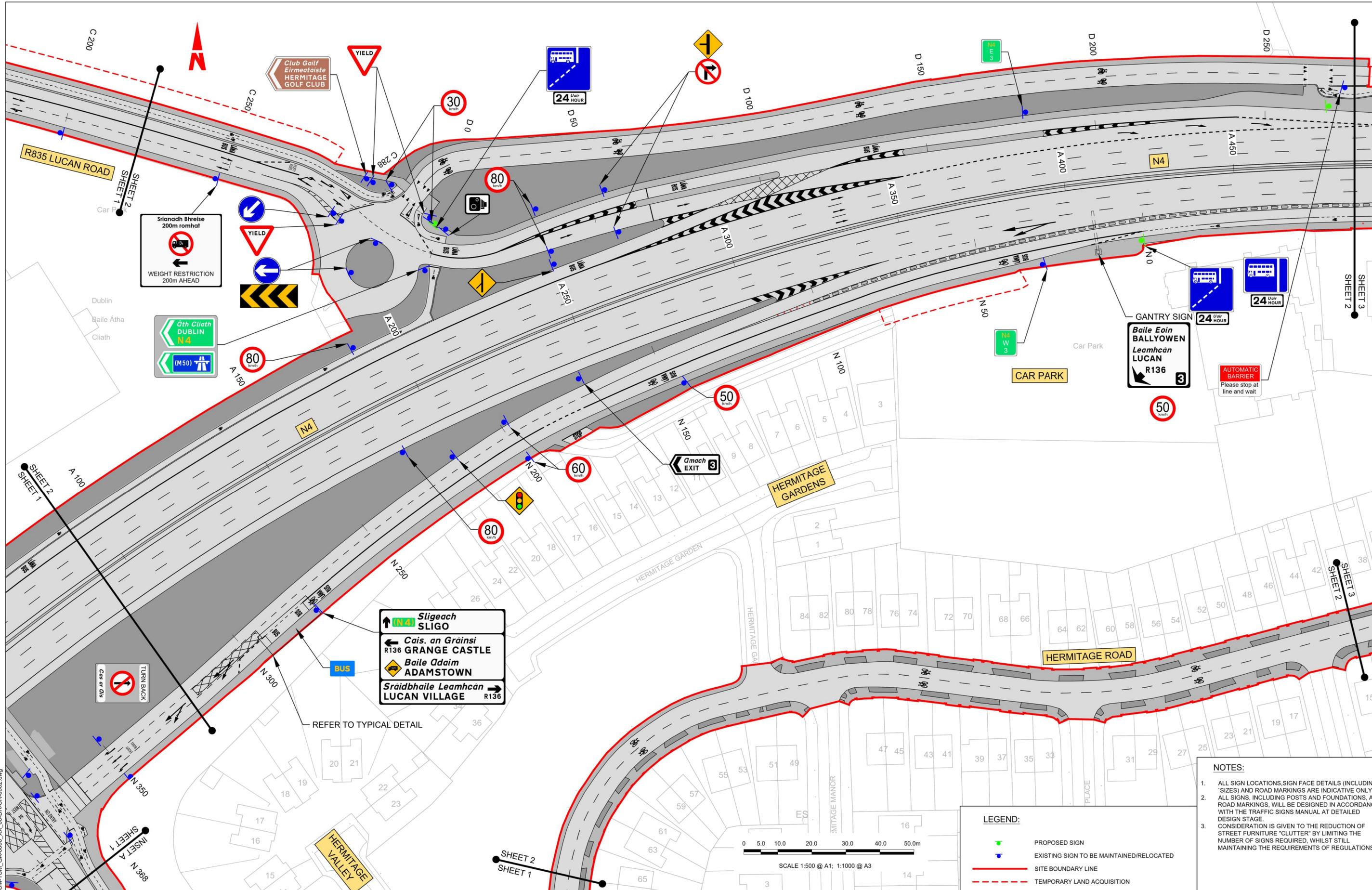
Project Ireland 2040  
Building Ireland's Future

Rev	Date	Drn	Chkd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client <b>NTA</b> Udárás Náisiúnta Iompair National Transport Authority		Engineering Designer <b>AECOM</b> <b>MOTT MACDONALD</b>	
Date 03/10/22	Scale 1:500 @ A1 1:1000 @ A3	Drawn P.K.NOKADA	Checked A.T.DALE
Project Code BCIDA	Originator Code ACM	Approved C.ACTON	

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0001	Sheet Number 01 of 31	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING "SIZES") AND ROAD MARKINGS ARE INDICATIVE ONLY.
  - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  - CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Udarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22  
Scale: 1:500 @ A1  
1:1000 @ A3

Drawn: P.K.NOKADA  
Checked: A.T.DALE  
Approved: C.ACTON

Project Code: BCIDA  
Originator Code: ACM  
QMS Code:

Programme Title: **BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

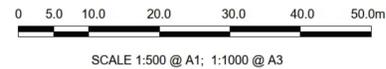
Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
TRAFFIC SIGNS AND ROAD MARKINGS**

Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0002	Sheet Number: 02 of 31	Status: A	Rev: M01
---	------------------------	-----------	----------

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

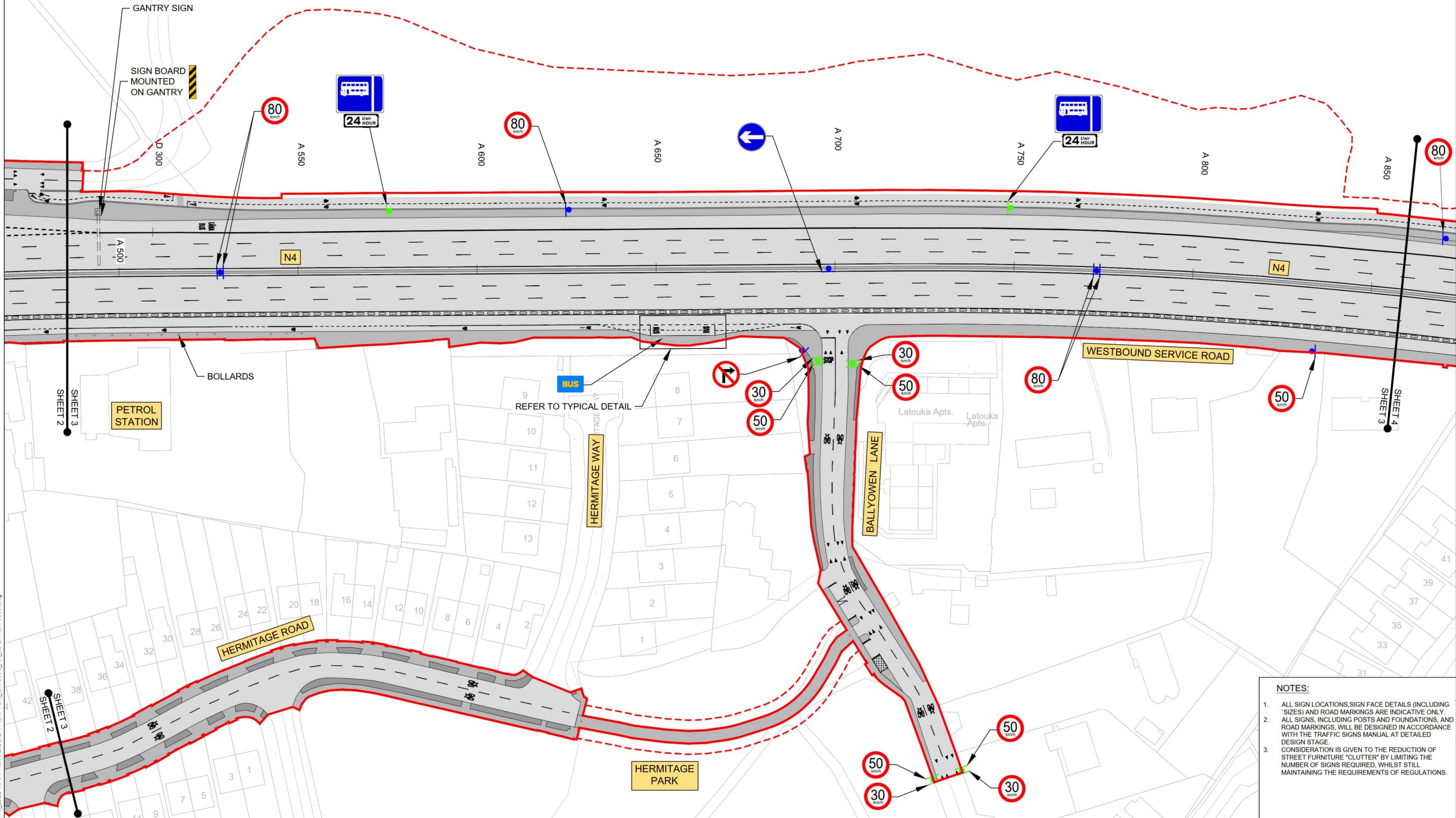
R113  
Cnoc an Fhuarain  
FONTHILL  
Gleann na Life  
LIFFEY VALLEY  
1km

*Oth Cliath*  
DUBLIN  
Baile Phamar  
PALMERSTOWN  
(M50)  
N4



LEGEND:

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



NOTES:

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.  
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22  
Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA  
Originator Code: ACM

Drawn: P.K.HOKADA  
Checked: A.T.DALE  
Approved: C.ACTON

Programme Title: **BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
TRAFFIC SIGNS AND ROAD MARKINGS

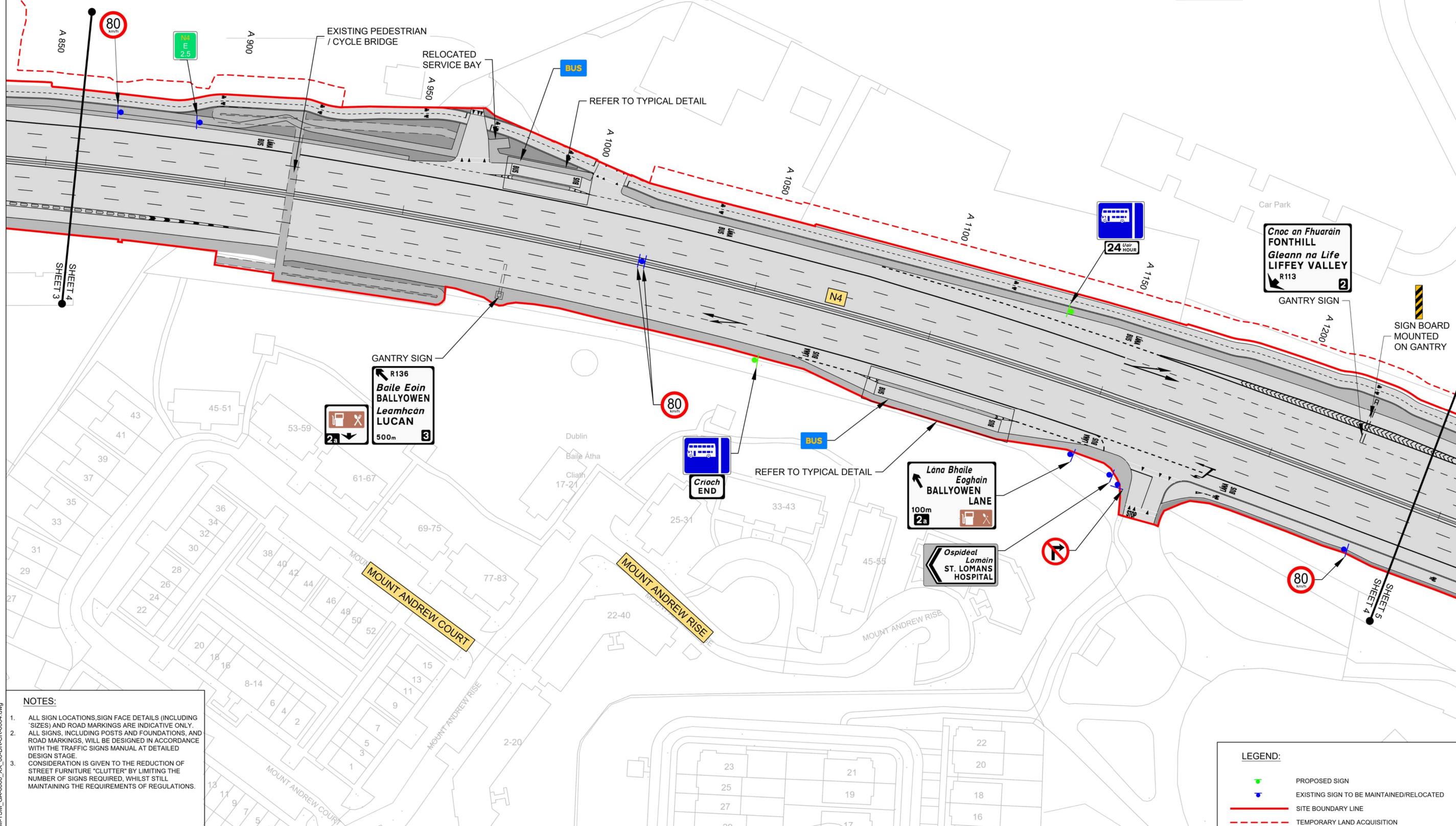
Drawing File Name: BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0003

Sheet Number: 03 of 31  
Status: A  
Rev: M01



SCALE 1:500 @ A1; 1:1000 @ A3

HERMITAGE HOSPITAL

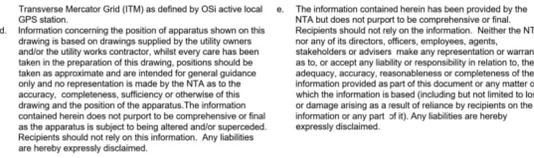


- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
  - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  - CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

Disclaimer  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titlebox. Other information shown is intended for general guidance only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.  
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: P.K.NOKADA | Checked: A.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

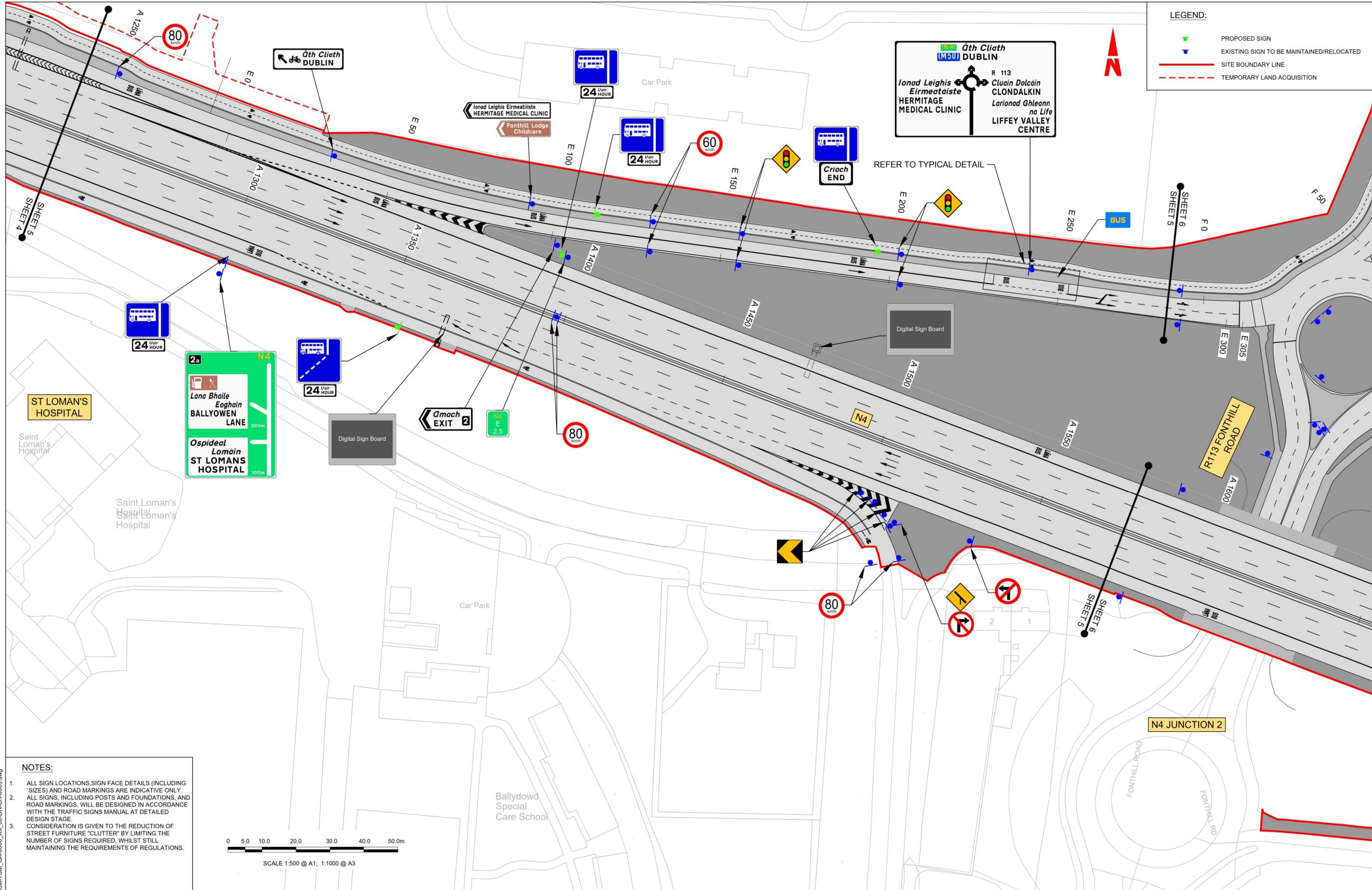
Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS**

Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0004	Sheet Number: 04 of 31	Status: A	Rev: M01
---	------------------------	-----------	----------

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

**LEGEND:**

	PROPOSED SIGN
	EXISTING SIGN TO BE MAINTAINED/RELOCATED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION

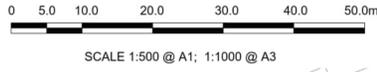


**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

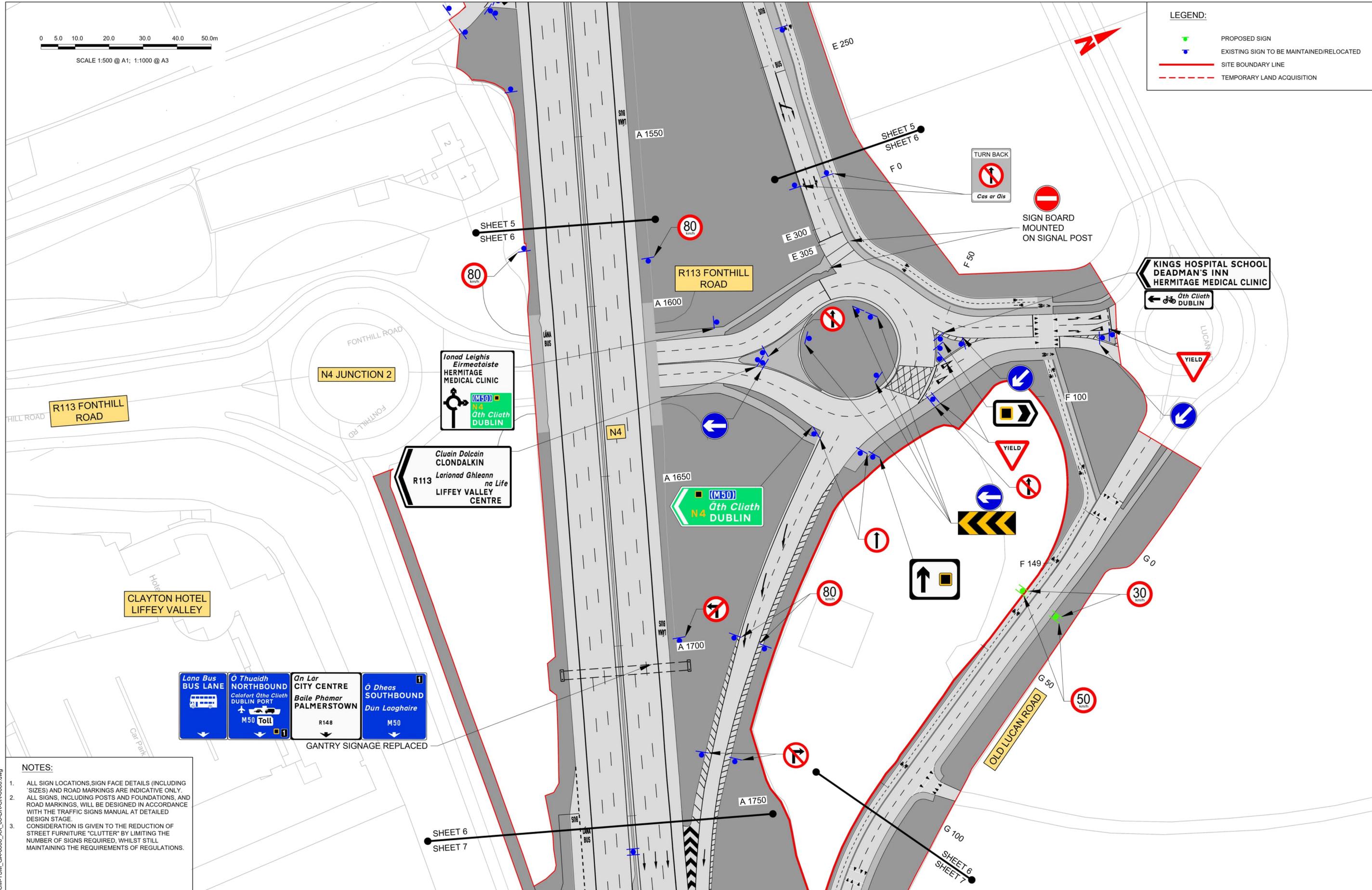


<p><b>Disclaimers:</b></p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the titlebox. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>d. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.</p>		<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>		<p>Client: <b>NTA</b> Udárás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer: <b>AECOM</b> <b>MOTT MACDONALD</b></p>		<p>Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Date: 03/10/22</p>		<p>Scale: 1:500 @ A1, 1:1000 @ A3</p>		<p>Drawn: P.K.NOKADA</p>		<p>Checked: A.T.DALE</p>		<p>Approved: C.ACTON</p>	
<p>Project Code: BCIDA</p>		<p>Originator Code: ACM</p>		<p>QMS Code:</p>		<p>Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0005</p>		<p>Sheet Number: 05 of 31</p>	
<p>Project Name: Project Ireland 2040 Building Ireland's Future</p>		<p>Status: A</p>		<p>Rev: M01</p>		<p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p>			



**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



**NOTES:**

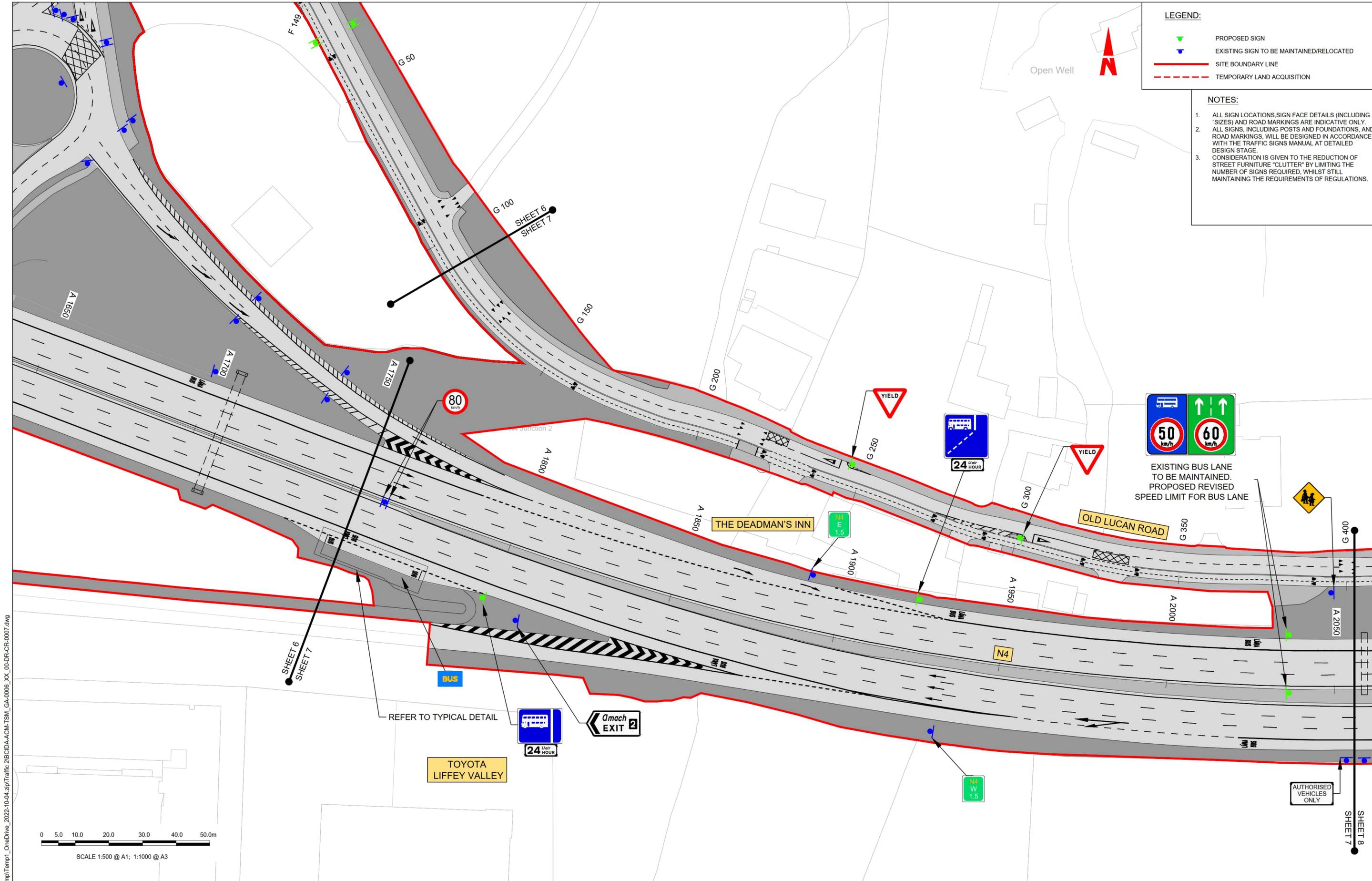
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**GANTRY SIGNAGE REPLACED**

Lana Bus BUS LANE	O Thuaidh NORTHBOUND Calafort Otha Cliath DUBLIN PORT	An Lar CITY CENTRE Baile Phámar PALMERSTOWN	O Dheas SOUTHBOUND Dun Laoghaire
	M50 Toll	R148	M50

<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>		<p>Client: <b>NTA</b> Udarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer: <b>AECOM</b> <b>MOTT MACDONALD</b></p>		<p>Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3</p>		<p>Drawn: P.K.NOKADA Checked: A.T.DALE Approved: C.ACTON</p>		<p>Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>		<p>Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0006</p>	
<p>Project Code: BCIDA Originator Code: ACM</p>		<p>QMS Code:</p>		<p>Sheet Number: 06 of 31 Status: A Rev: M01</p>		<p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p>	

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0006.dwg



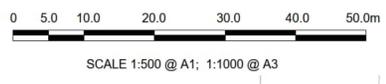
**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**NOTES:**

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE



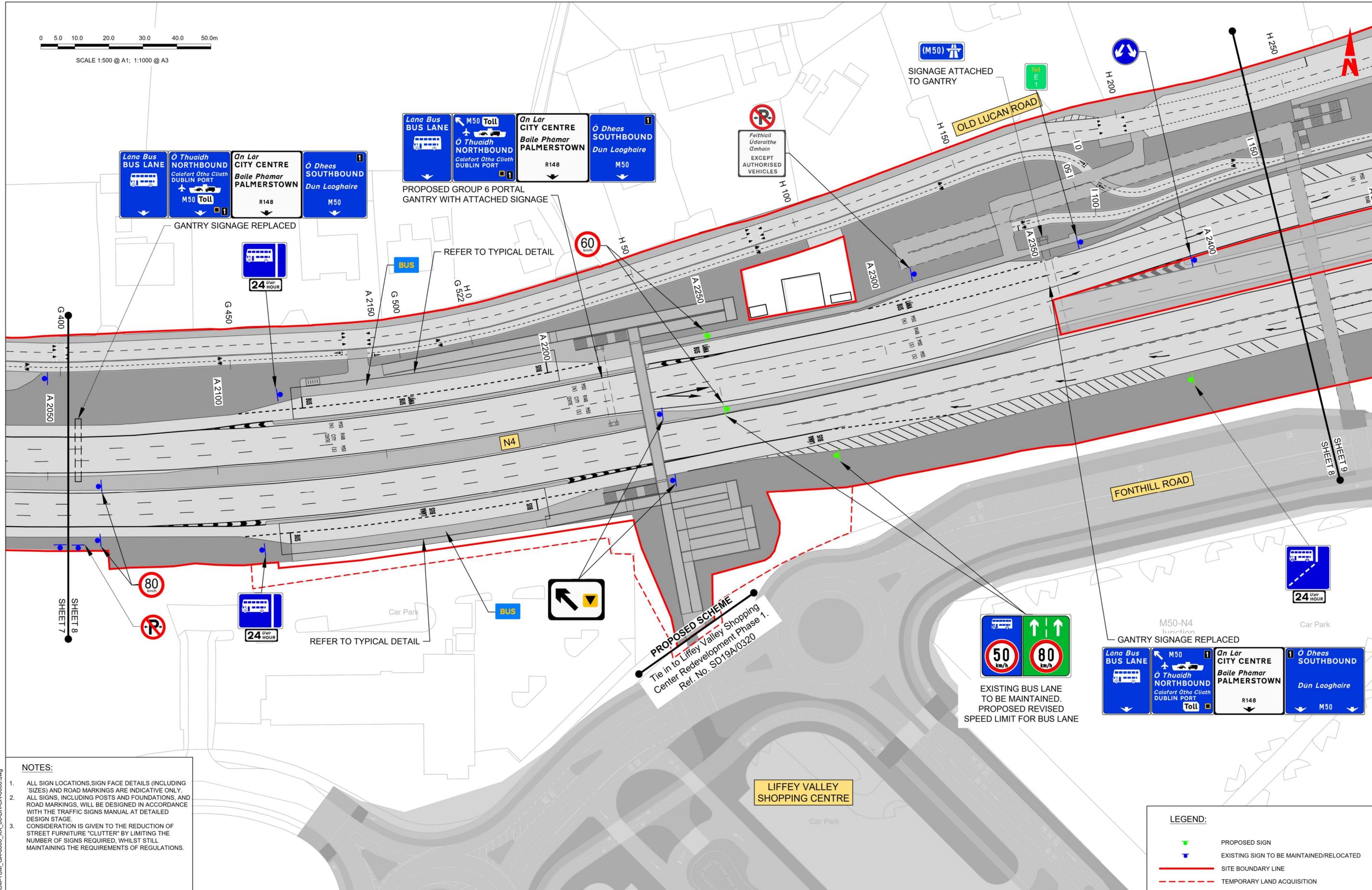
C:\Users\dalea\AppData\Local\Temp1\Temp1\_OneDrive\_2022-10-04\_2p1Traffic\2\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0007.dwg

<p><b>Disclaimer</b></p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the titlebox. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.</p> <p>e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.</p>		<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>		<p>Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer <b>AECOM</b> <b>MOTT MACDONALD</b></p>		<p>Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Date 03/10/22</p> <p>Scale 1:500 @ A1 1:1000 @ A3</p> <p>Project Code BCIDA</p> <p>Originator Code ACM</p>		<p>Date 03/10/22</p> <p>Scale 1:500 @ A1 1:1000 @ A3</p> <p>Project Code BCIDA</p> <p>Originator Code ACM</p>		<p>Drawn P.K.HOKADA</p> <p>Checked A.T.DALE</p> <p>Approved C.ACTON</p>		<p>Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>		<p>Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0007</p> <p>Sheet Number 07 of 31</p> <p>Status A</p> <p>Rev M01</p>	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



SCALE 1:500 @ A1; 1:1000 @ A3



**NOTES:**

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.  
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

**Project Ireland 2040**  
 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
**AECOM** **MOTT MACDONALD**

Programme Title  
**BUSCONNECTS DUBLIN**  
**CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title  
 LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
 TRAFFIC SIGNS AND ROAD MARKINGS

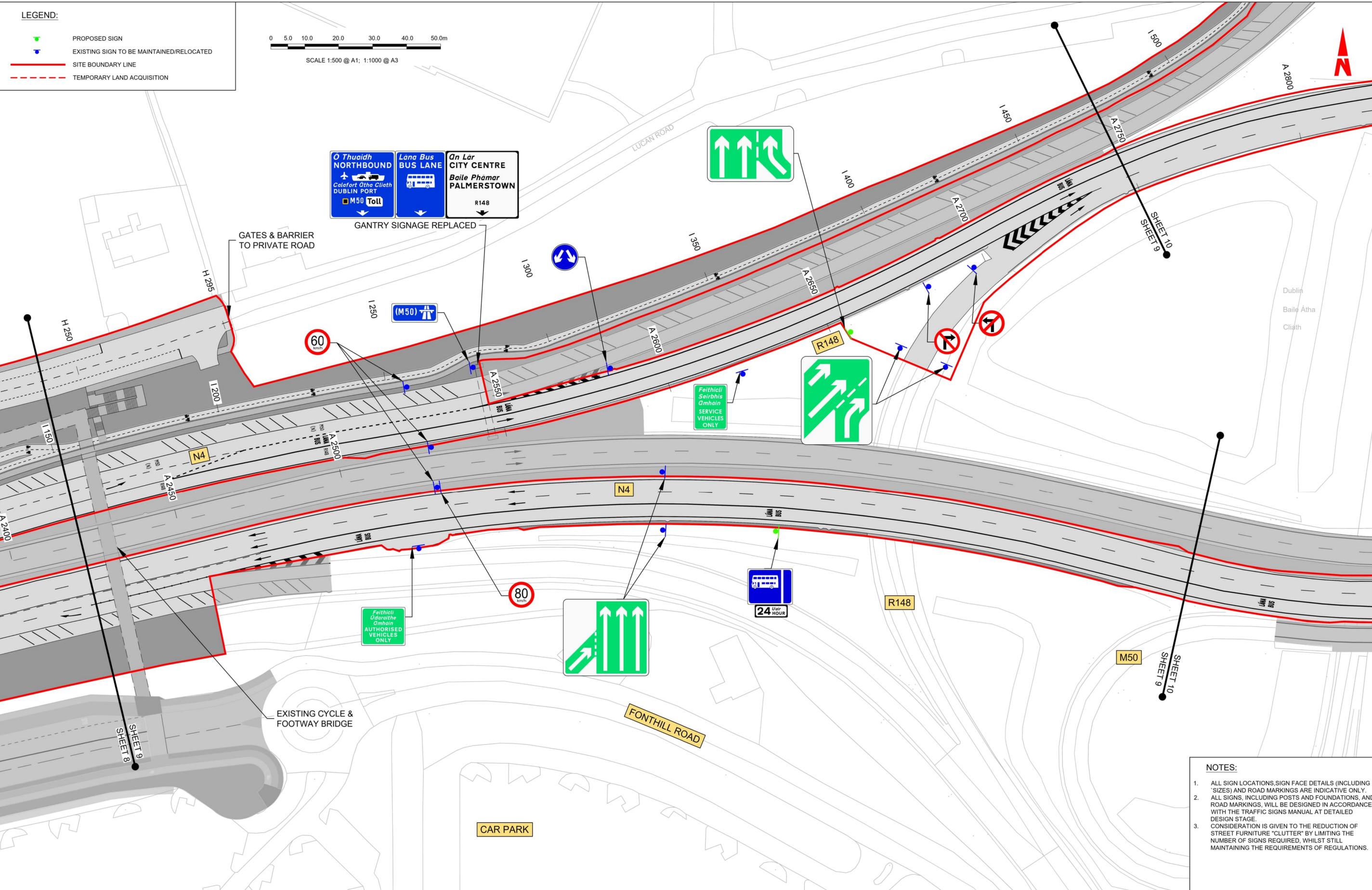
Drawing File Name  
 BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0008

Sheet Number  
 08 of 31

Status  
 A

Rev  
 M01

- LEGEND:**
- PROPOSED SIGN
  - EXISTING SIGN TO BE MAINTAINED/RELOCATED
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION



- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
  2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA** Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: **AECOM** MOTT MACDONALD

Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3

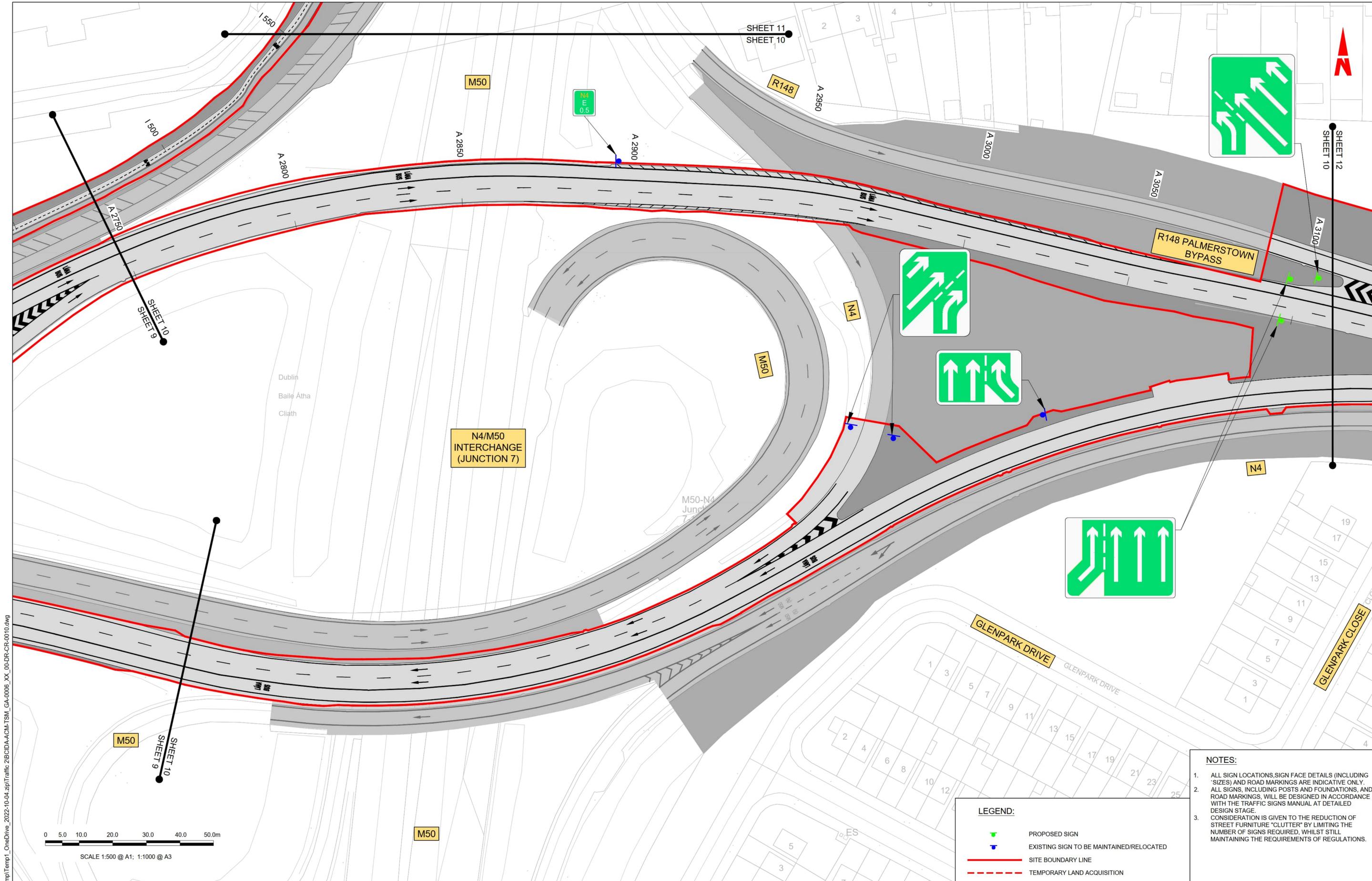
Project Code: BCIDA Originator Code: ACM

Drawn: P.K.NOKADA Checked: A.T.DALE Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0009	Sheet Number: 09 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0009.dwg



- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
  2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**LEGEND:**

	PROPOSED SIGN
	EXISTING SIGN TO BE MAINTAINED/RELOCATED
	SITE BOUNDARY LINE
	TEMPORARY LAND ACQUISITION



C:\Users\alea\AppData\Local\Temp1\OneDrive\_2022-10-04...Traffic\2\BCIDA\ACM-TSM\_GA-0006\_XX\_00-DR-CR-0010.dwg

**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titlebox. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

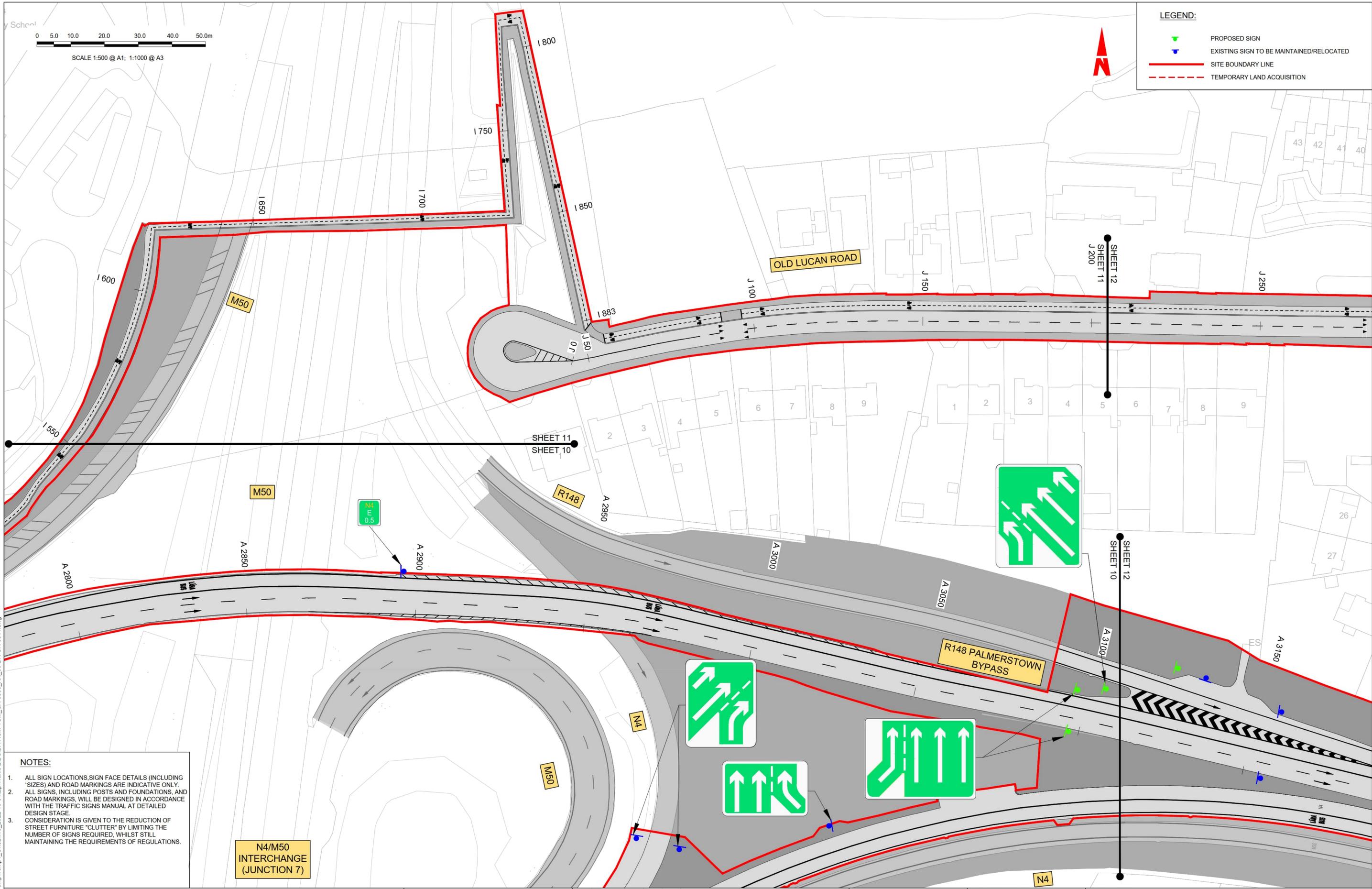
Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: P.K.HOKADA | Checked: A.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0010	Sheet Number: 10 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY



**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m  
 SCALE 1:500 @ A1; 1:1000 @ A3

C:\Users\alea\AppData\Local\Temp1\Temp1\_OneDrive\_2022-10-04\_2p1Traffic\_2\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0011.dwg

**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**N4/M50 INTERCHANGE (JUNCTION 7)**

Disclaimer  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.  
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

**NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

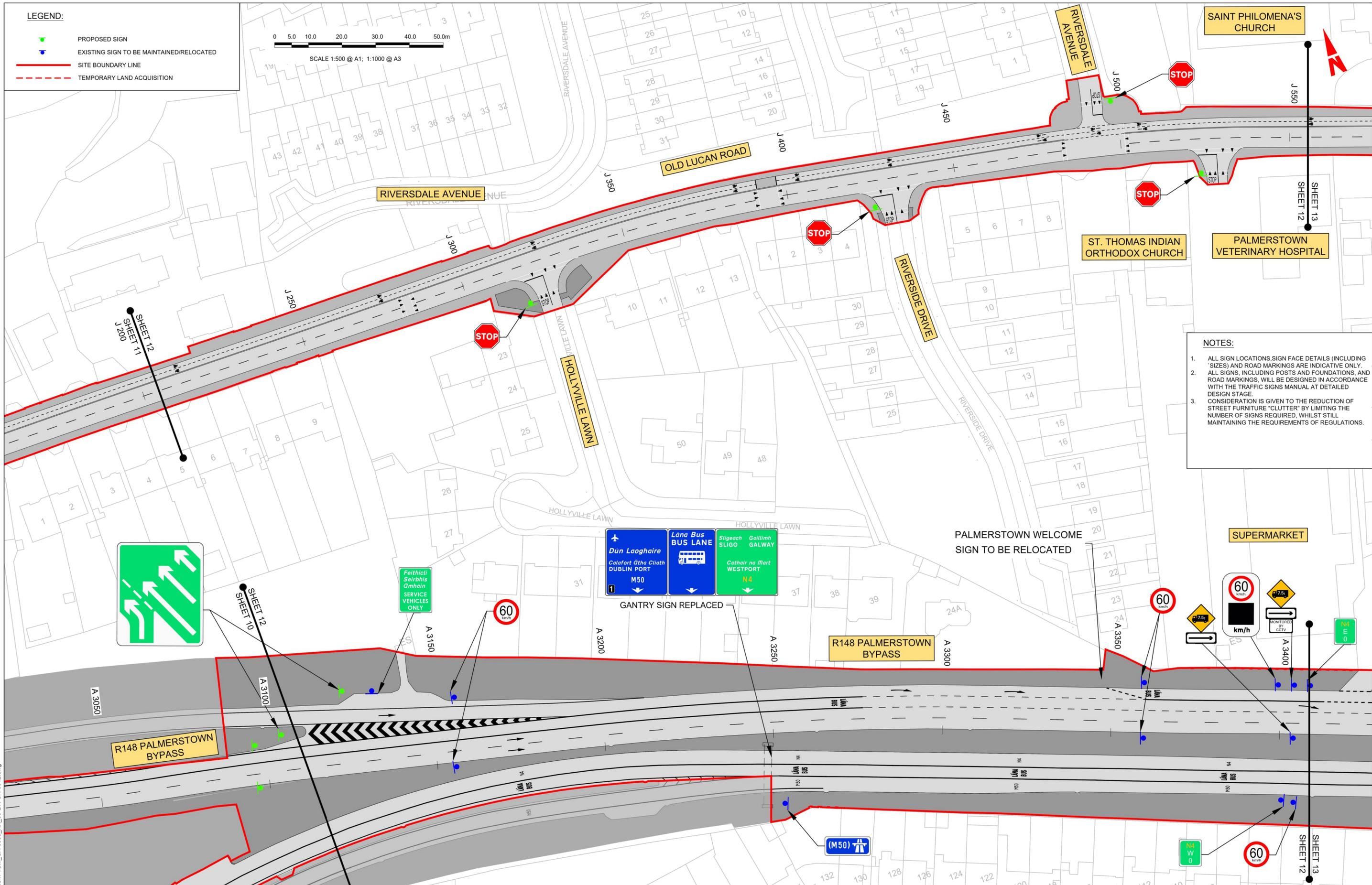
Engineering Designer  
**AECOM** **MOTT MACDONALD**

Client				Date 03/10/22		Scale 1:500 @ A1 1:1000 @ A3		Drawn P.K.HOKADA		Checked A.T.DALE		Approved C.ACTON							
Project Code BCIDA				Originator Code ACM		QMS Code		Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>											
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS												Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0011		Sheet Number 11 of 31		Status A		Rev M01	

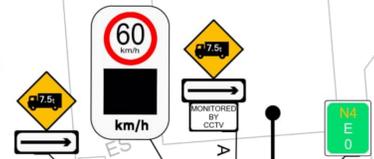
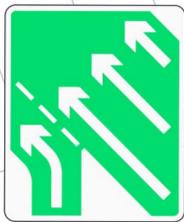
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

- LEGEND:**
-  PROPOSED SIGN
  -  EXISTING SIGN TO BE MAINTAINED/RELOCATED
  -  SITE BOUNDARY LINE
  -  TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m  
SCALE 1:500 @ A1; 1:1000 @ A3



- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
  2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this information as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

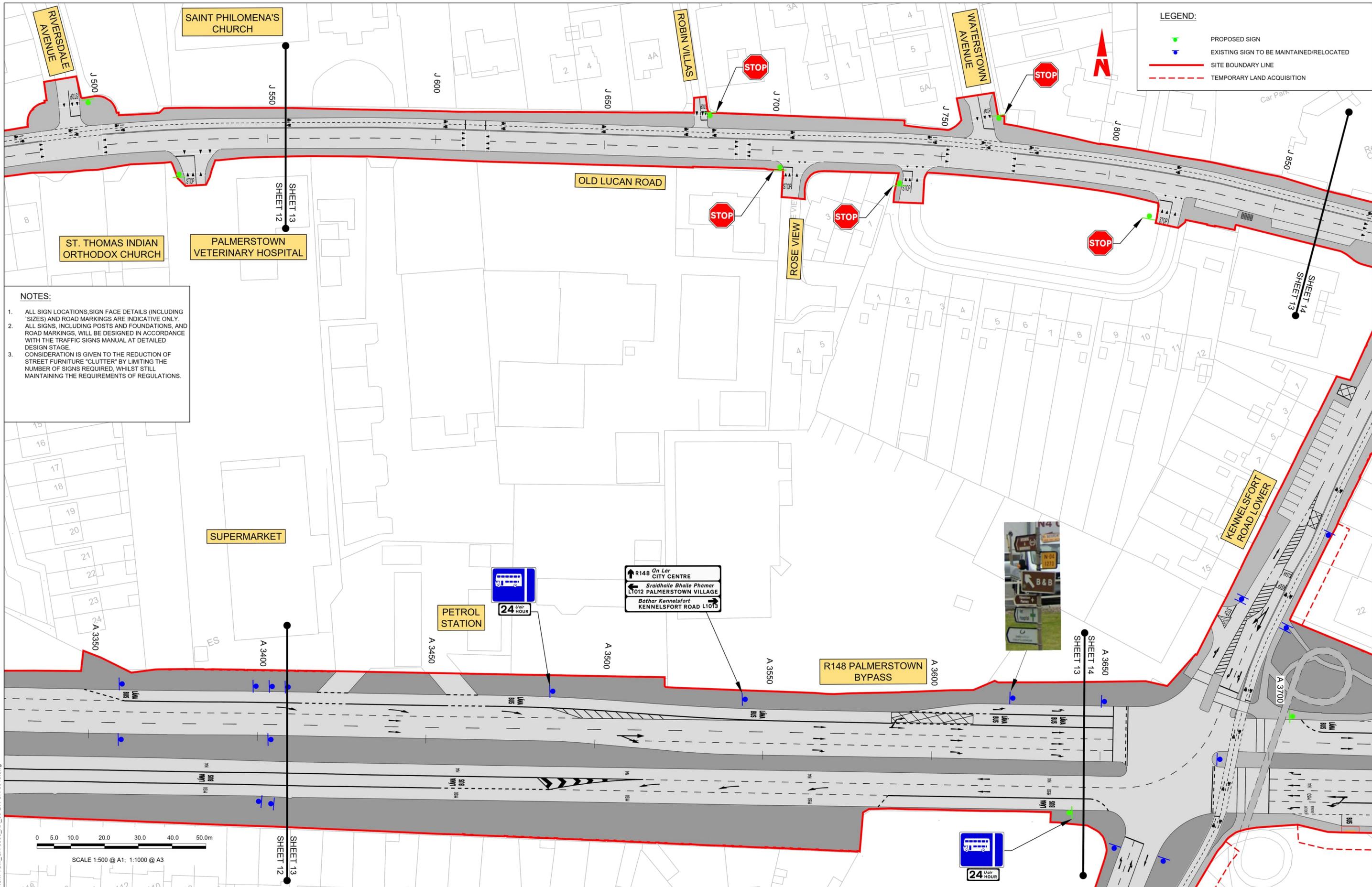
Date: 03/10/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: P.K.NOKADA | Checked: A.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0012	Sheet Number: 12 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0012.dwg



- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
  2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: P.K.NOKADA  
 Checked: A.T.DALE  
 Approved: C.ACTON

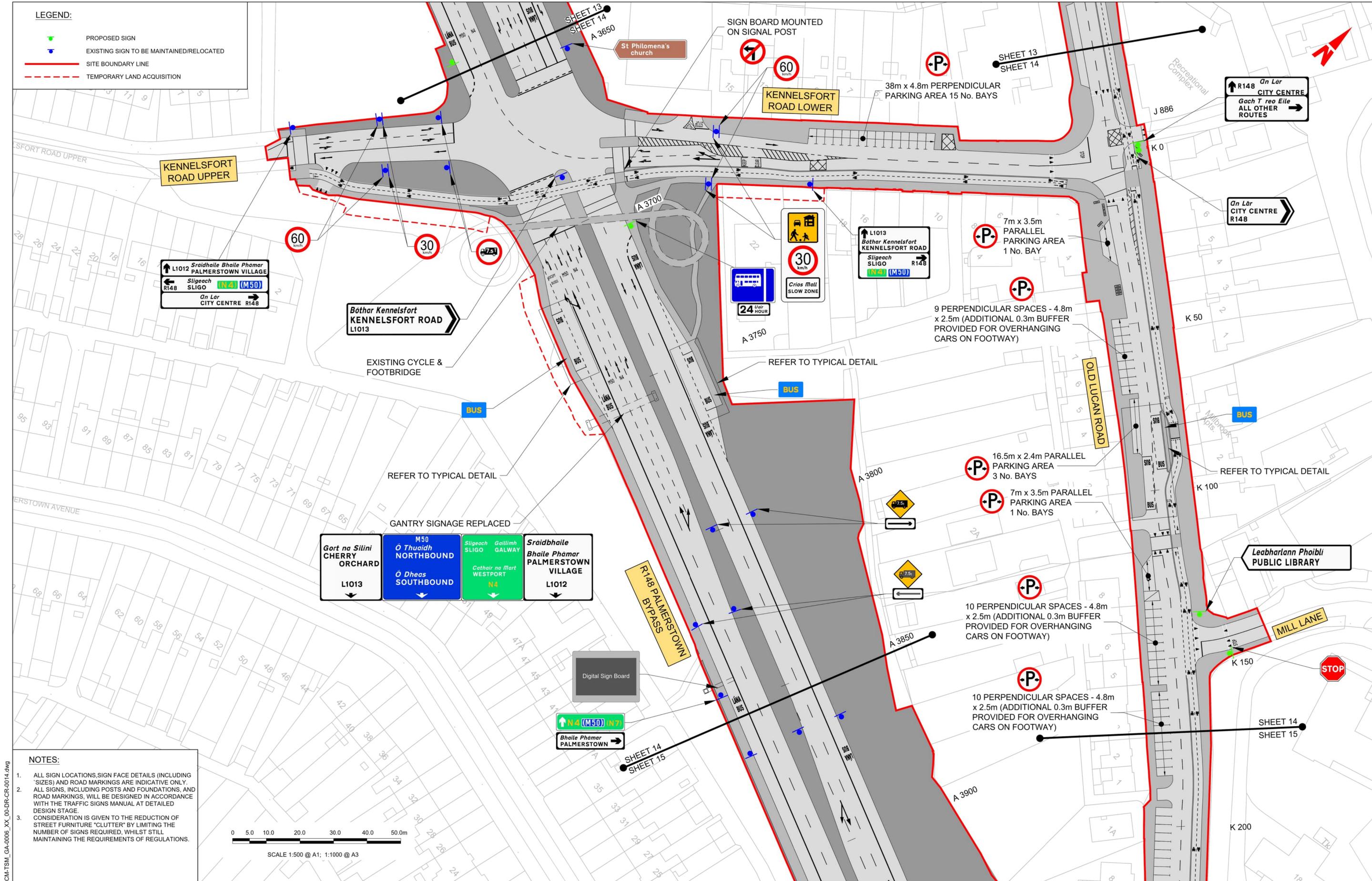
Project Code: BCIDA  
 Originator Code: ACM  
 QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0013	Sheet Number: 13 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0013.dwg

- LEGEND:**
- PROPOSED SIGN
  - EXISTING SIGN TO BE MAINTAINED/RELOCATED
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION



**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimers:**

- National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.
- This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.
- O.S. data used for plans are printed under Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

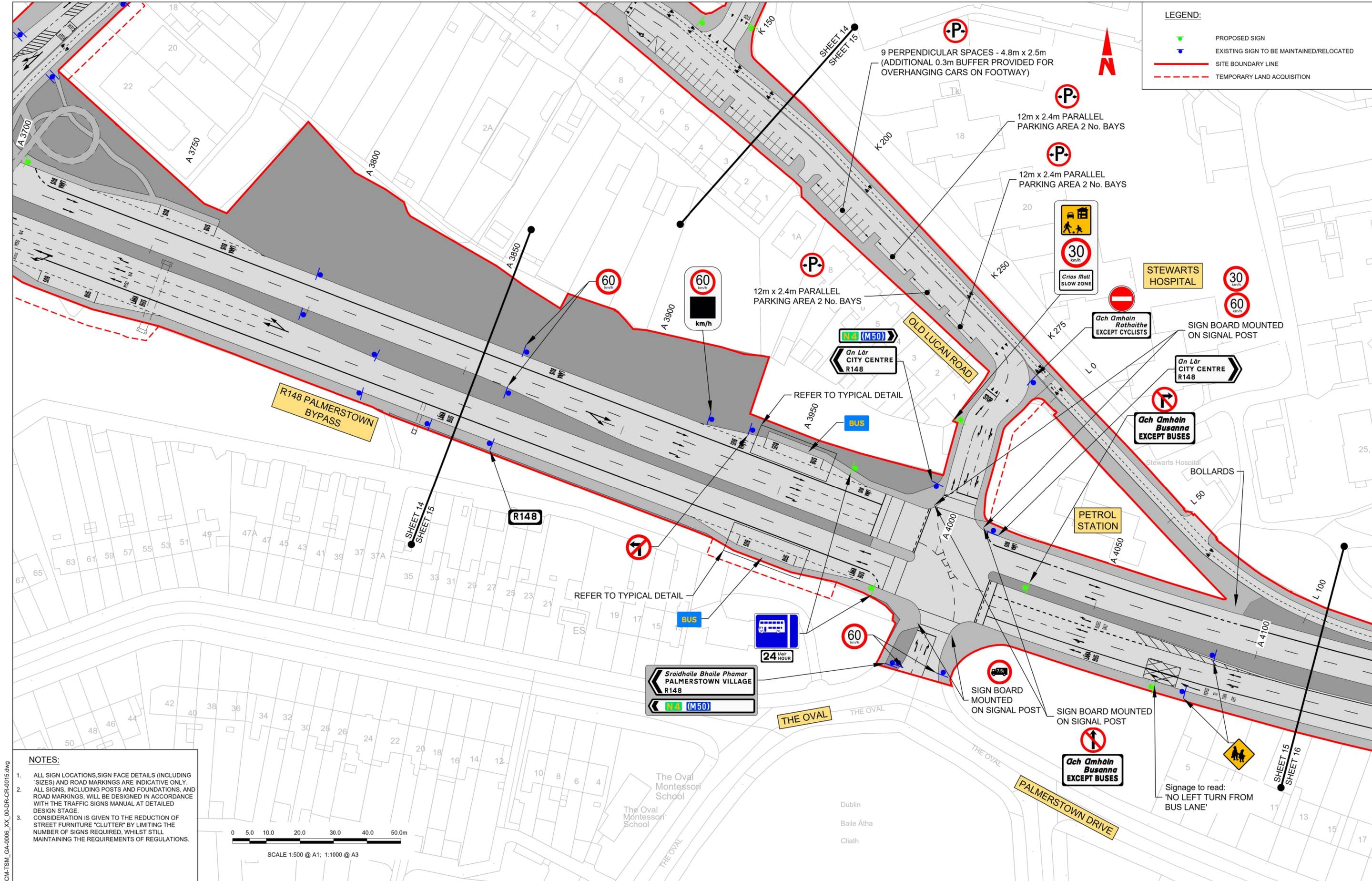
The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client		Engineering Designer		Programme Title	
NTA Udárás Náisiúnta Iompair National Transport Authority		AECOM MOTT MACDONALD		BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS	
Date	Scale	Drawn	Checked	Approved	Drawing Title
03/10/22	1:500 @ A1 1:1000 @ A3	P.K.NOKADA	A.T.DALE	C.ACTON	LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS
Project Code	Originator Code	QMS Code		Drawing File Name	Sheet Number
BCIDA	ACM			BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0014	14 of 31
					Status
					A
					Rev
					M01

**Project Ireland 2040**  
Building Ireland's Future

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

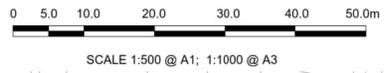


**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0015.dwg

<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>		<p>Client: <b>NTA</b> (Udárás Náisiúnta Iompair) National Transport Authority</p>		<p>Engineering Designer: <b>AECOM</b> (MOTT MACDONALD)</p>		<p>Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3</p>		<p>Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3</p>		<p>Drawn: P.K.NOKADA, Checked: A.T.DALE, Approved: C.ACTON</p>		<p>Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>	
<p>Project Code: BCIDA, Originator Code: ACM</p>		<p>Project Code: BCIDA, Originator Code: ACM</p>		<p>QMS Code</p>		<p>Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0015, Sheet Number: 15 of 31, Status: A, Rev: M01</p>	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

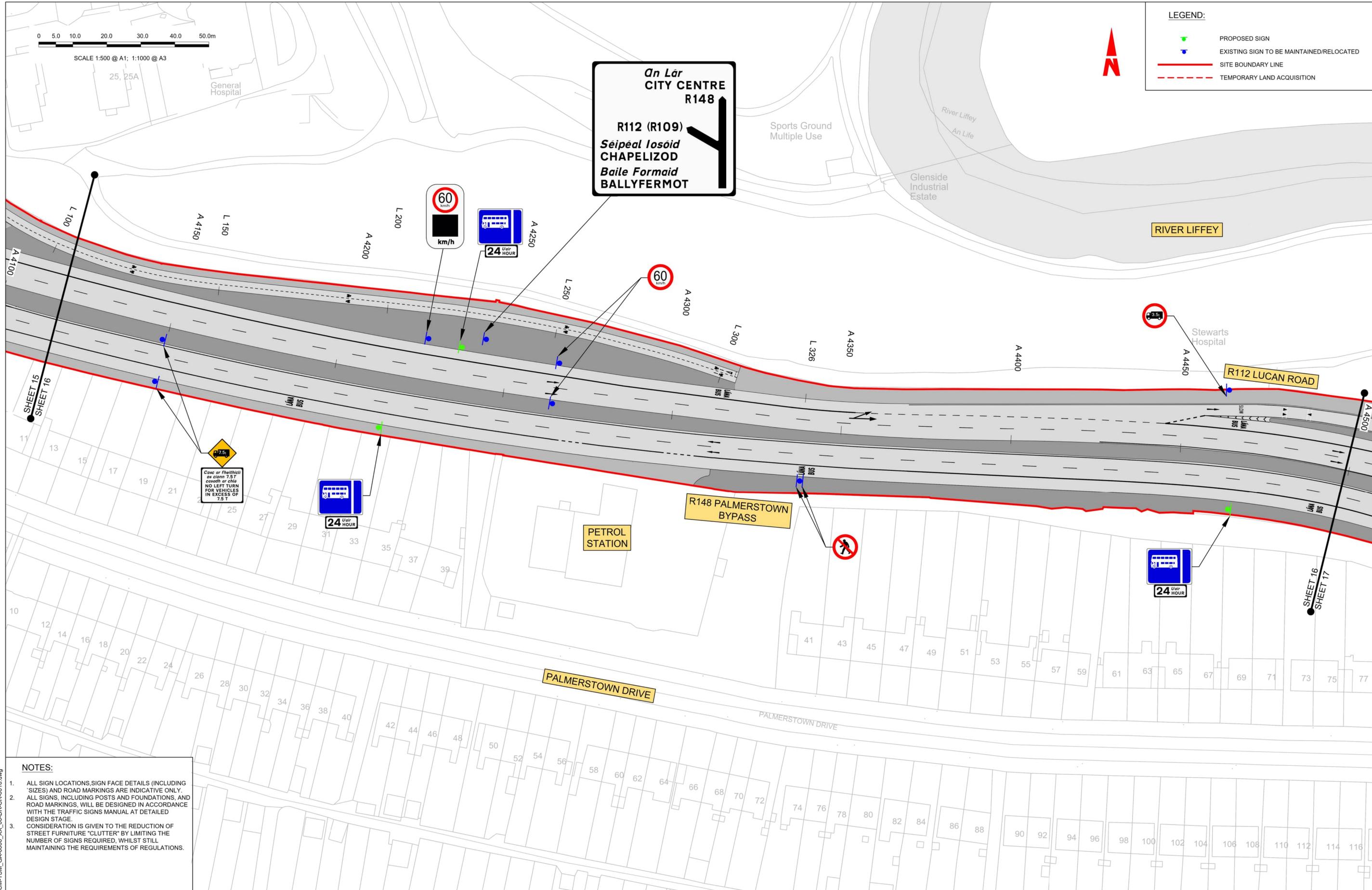
**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



**An Lar  
CITY CENTRE  
R148**

**R112 (R109)  
Seipéal Iosóid  
CHAPELIZOD  
Baile Formaid  
BALLYFERMOT**



**Cosc or fheithicil  
os cionn 7.5 T  
caothú ar chlé  
NO LEFT TURN  
FOR VEHICLES  
IN EXCESS OF  
7.5 T**

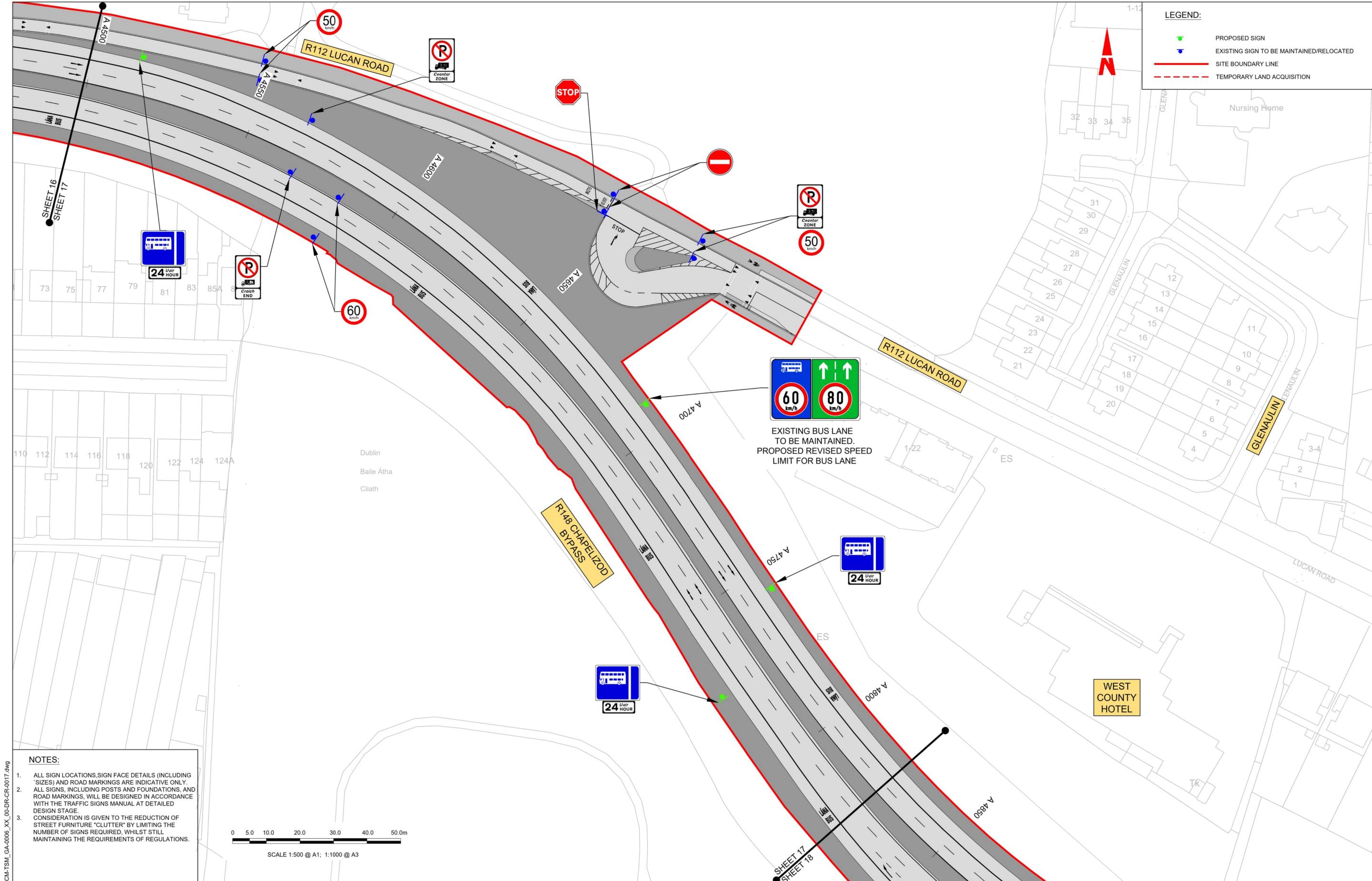
**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

<p><b>Project Ireland 2040</b> Building Ireland's Future</p>	<p>Rev M01 Date 03/10/22 Drm PN Chk'd AD App'd CA Description ISSUE FOR PHASE 4: PLANNING</p>	<p>Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>	<p>Engineering Designer <b>AECOM</b> <b>MOTT MACDONALD</b></p>	<p>Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>
	<p>Disclaimers: a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA. b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings. c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station. e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.</p>	<p>Date 03/10/22 Scale 1:500 @ A1 1:1000 @ A3</p>	<p>Drawn P.K.NOKADA Checked A.T.DALE Approved C.ACTON</p>	<p>Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>
		<p>Project Code BCIDA Originator Code ACM</p>	<p>QMS Code</p>	<p>Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0016</p>
				<p>Sheet Number 16 of 31 Status A Rev M01</p>

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\402959878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0016.dwg

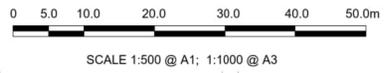


**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION

**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



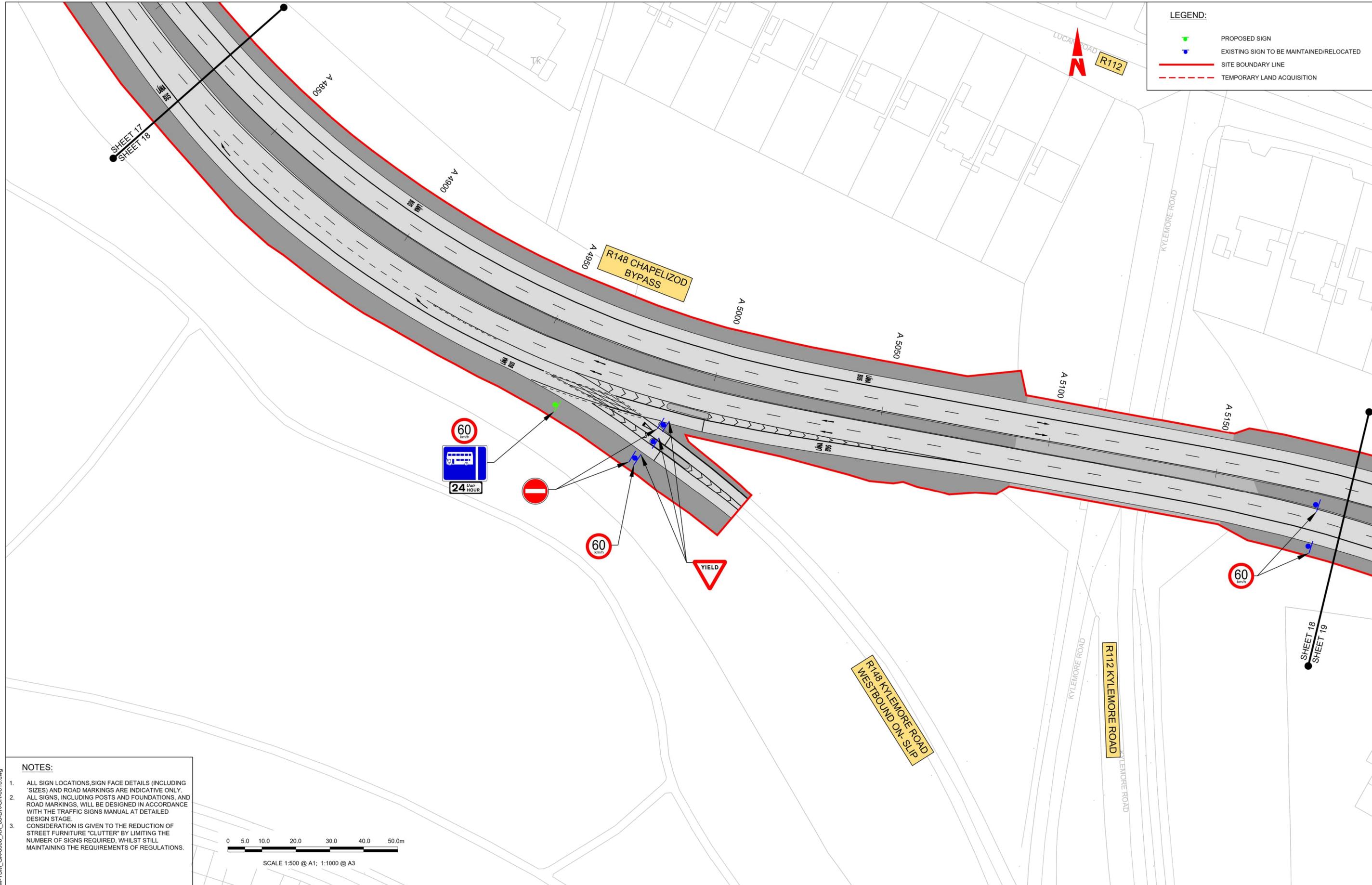
<p><b>Rev</b>   <b>Date</b>   <b>Drn</b>   <b>Chk'd</b>   <b>App'd</b>   <b>Description</b></p> <table border="1"> <tr> <td>M01</td> <td>03/10/22</td> <td>PN</td> <td>AD</td> <td>CA</td> <td>ISSUE FOR PHASE 4: PLANNING</td> </tr> </table>		M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING	<p><b>Client</b></p> <p>Udarás Náisiúnta Iompair National Transport Authority</p>		<p><b>Engineering Designer</b></p> <p><b>MOTT MACDONALD</b></p>		<p><b>Programme Title</b></p> <p><b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING								
<p><b>Date</b> 03/10/22</p> <p><b>Scale</b> 1:500 @ A1 1:1000 @ A3</p> <p><b>Project Code</b> BCIDA</p> <p><b>Originator Code</b> ACM</p>		<p><b>Drawn</b> P.K.NOKADA</p> <p><b>Checked</b> A.T.DALE</p> <p><b>Approved</b> C.ACTON</p>		<p><b>Drawing File Name</b> BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0017</p> <p><b>Sheet Number</b> 17 of 31</p> <p><b>Status</b> A</p> <p><b>Rev</b> M01</p>		<p><b>Drawing Title</b></p> <p>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</p>							

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0017.dwg

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

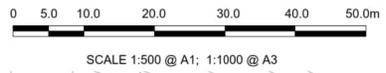
**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
Údarás Náisiúnta Iompair  
National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22 | Scale: 1:500 @ A1, 1:1000 @ A3 | Drawn: P.K.NOKADA | Checked: A.T.DALE | Approved: C.ACTON

Project Code: BCIDA | Originator Code: ACM | QMS Code:

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0018	Sheet Number: 18 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0018.dwg

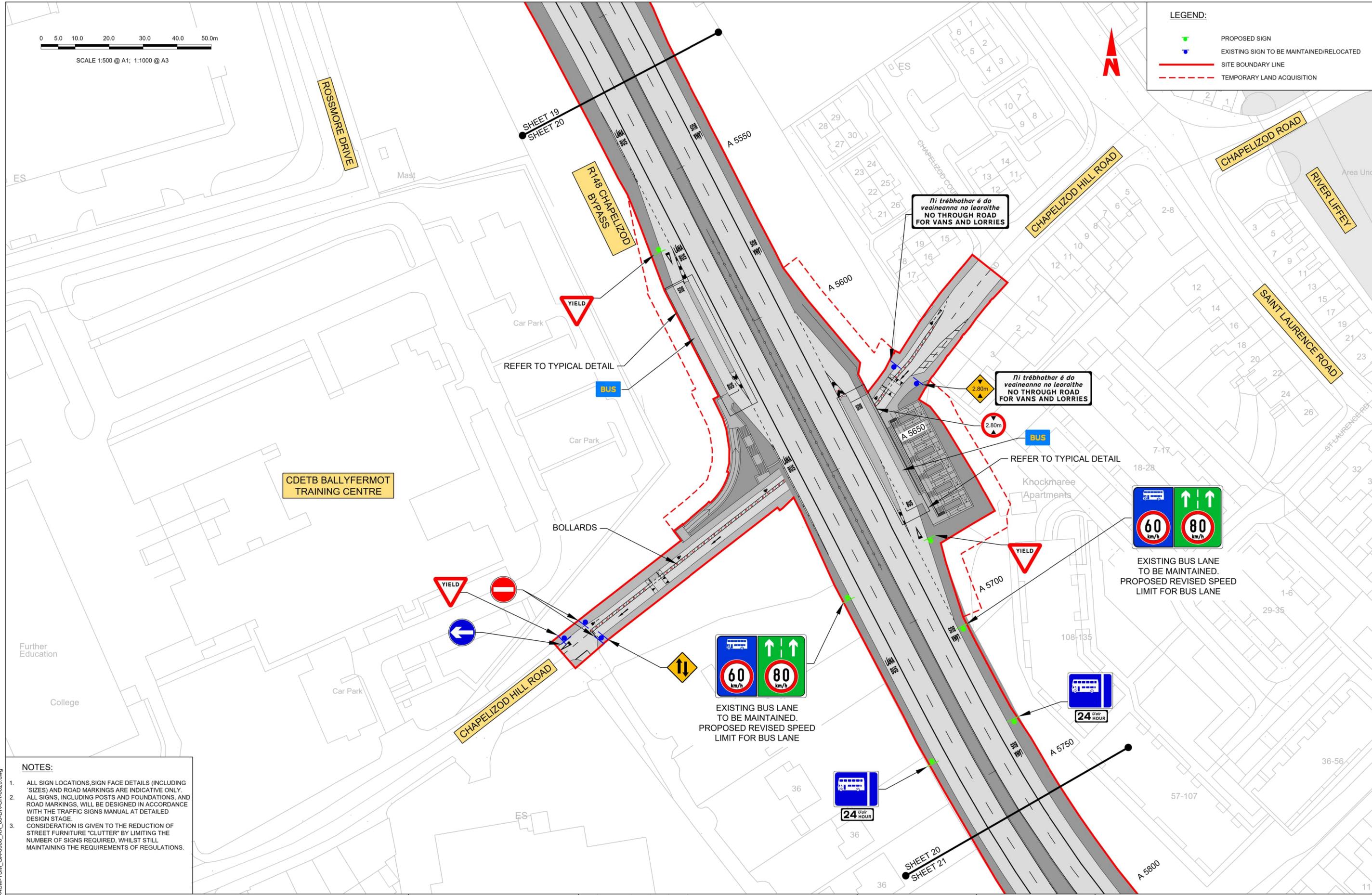




SCALE 1:500 @ A1; 1:1000 @ A3

**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

**Project Ireland 2040**  
Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

**Client**  
NTA  
Udarás Náisiúnta Iompair  
National Transport Authority

**Engineering Designer**  
AECOM  
MOTT MACDONALD

**Date** 03/10/22  
**Scale** 1:500 @ A1, 1:1000 @ A3  
**Drawn** P.K.NOKADA  
**Checked** A.T.DALE  
**Approved** C.ACTON

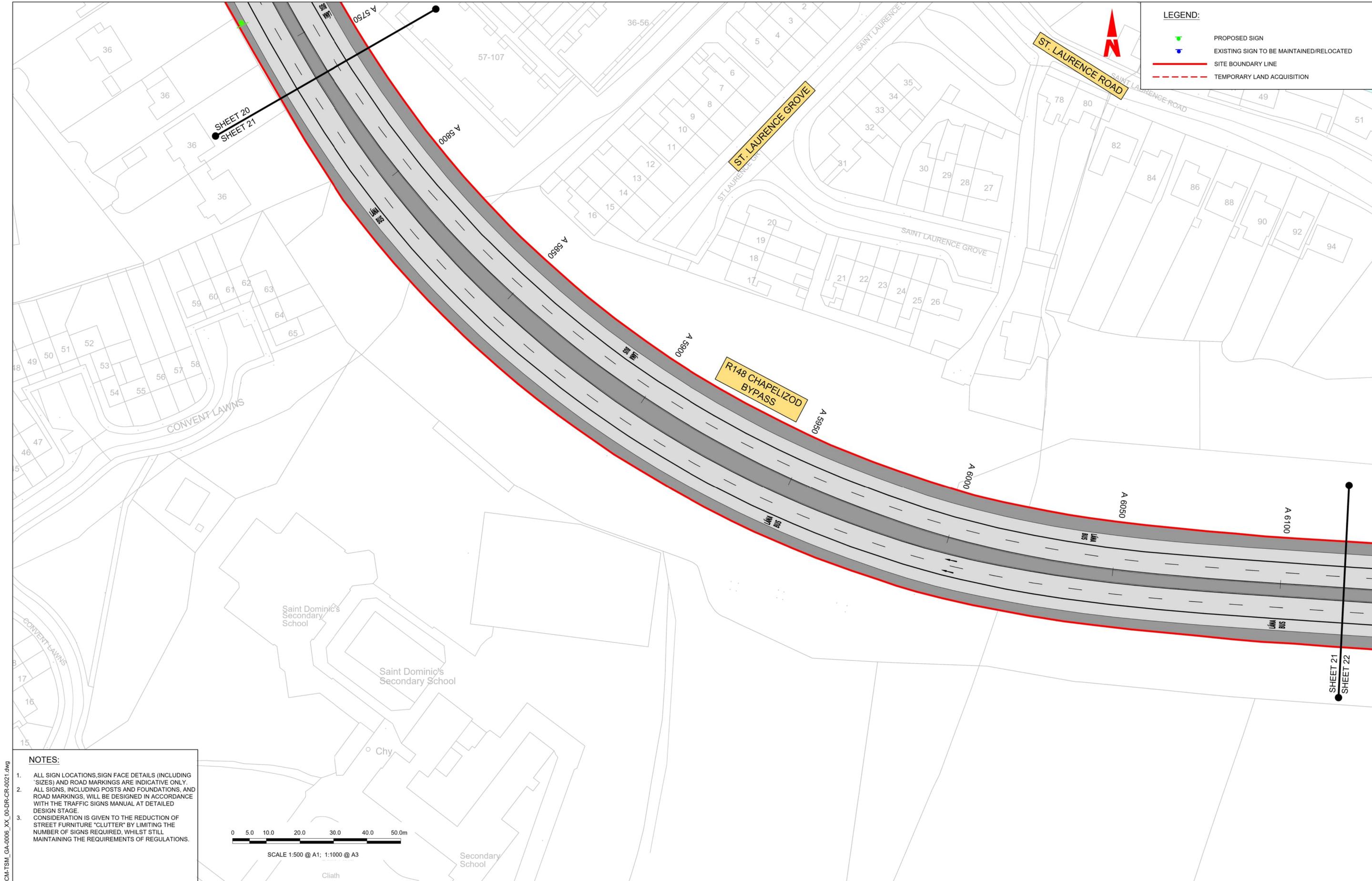
**Project Code** BCIDA  
**Originator Code** ACM  
**QMS Code**

**Programme Title**  
BUSCONNECTS DUBLIN  
CORE BUS CORRIDORS INFRASTRUCTURE WORKS

**Drawing Title**  
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME  
TRAFFIC SIGNS AND ROAD MARKINGS

**Drawing File Name** BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0020  
**Sheet Number** 20 of 31  
**Status** A  
**Rev** M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

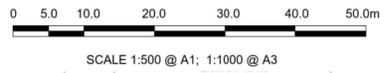


**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



<p><small>Disclaimer</small></p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.</p> <p>e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.</p>		<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>		<p>Client: <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer: <b>AECOM</b> <b>MOTT MACDONALD</b></p>		<p>Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Date: 03/10/22</p> <p>Scale: 1:500 @ A1, 1:1000 @ A3</p> <p>Project Code: BCIDA</p> <p>Originator Code: ACM</p>		<p>Drawn: P.K.NOKADA</p> <p>Checked: A.T.DALE</p> <p>Approved: C.ACTON</p>		<p>Date: 03/10/22</p> <p>Scale: 1:500 @ A1, 1:1000 @ A3</p> <p>Project Code: BCIDA</p> <p>Originator Code: ACM</p>		<p>QMS Code:</p>		<p>Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>	
<p>Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0021</p>		<p>Sheet Number: 21 of 31</p>		<p>Status: A</p>		<p>Rev: M01</p>		<p>Scale: 1:500 @ A1; 1:1000 @ A3</p>	

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

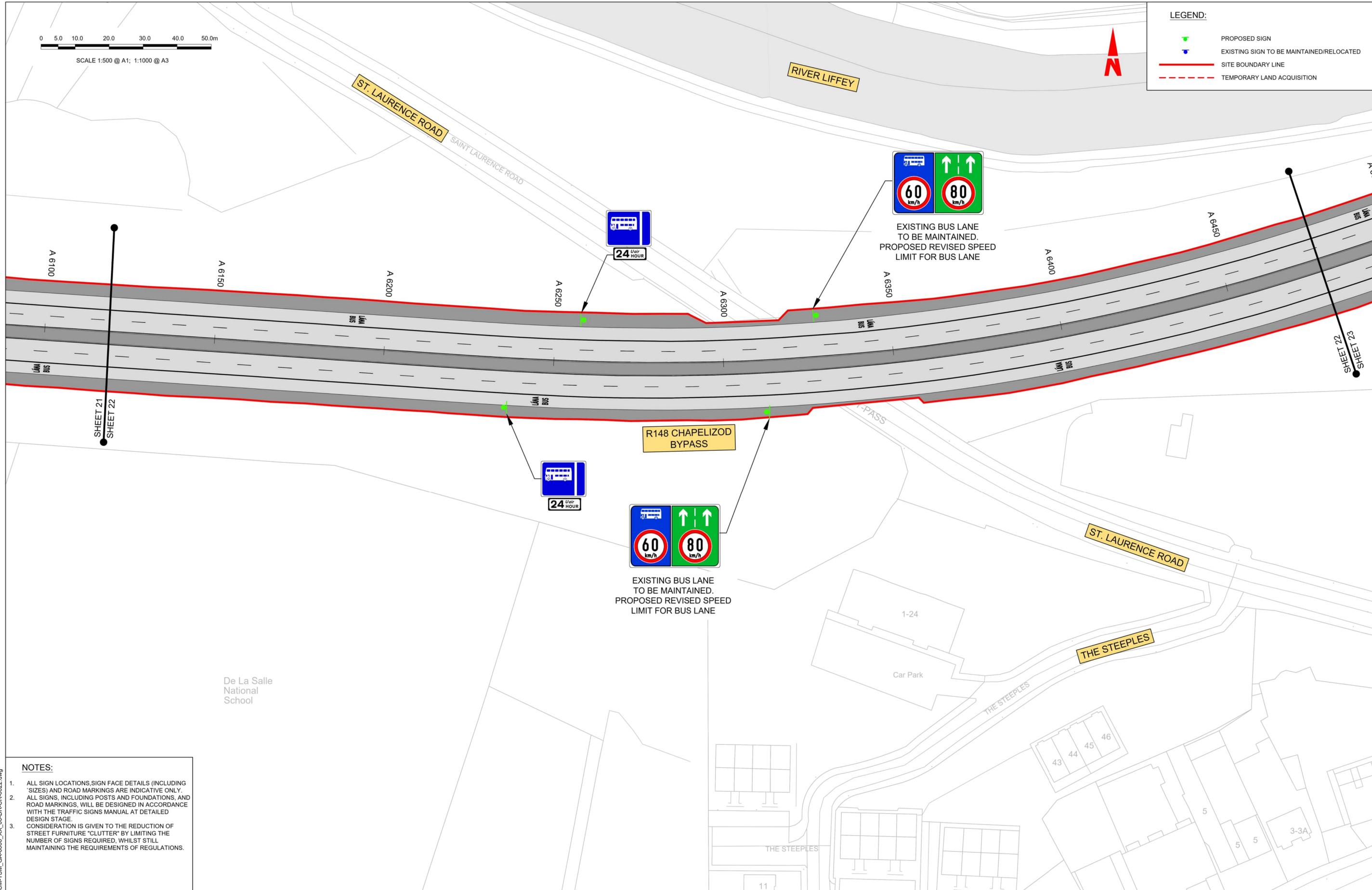
C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0021.dwg

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

LEGEND:

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



NOTES:

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
  
 MOTT MACDONALD

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS			
Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0022	Sheet Number 22 of 31	Status A	Rev M01

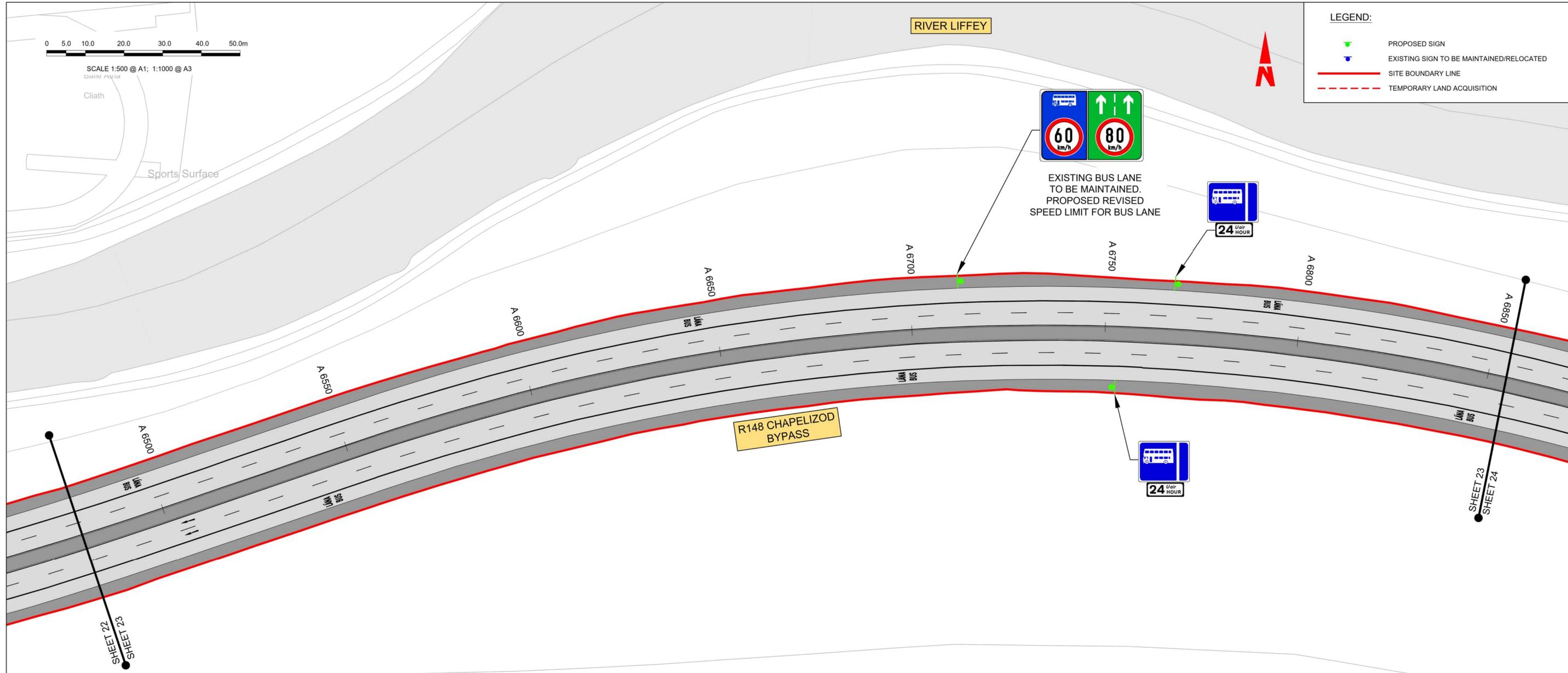
C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0022.dwg



SCALE 1:500 @ A1; 1:1000 @ A3  
DATE: 03/10/22

**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0023.dwg

**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

**Client**  
NTA  
Údarás Náisiúnta Iompair  
National Transport Authority

**Engineering Designer**  
AECOM  
MOTT  
MACDONALD

**Date**  
03/10/22

**Scale**  
1:500 @ A1  
1:1000 @ A3

**Drawn**  
P.K.NOKADA

**Checked**  
A.T.DALE

**Approved**  
C.ACTON

**Project Code**  
BCIDA

**Originator Code**  
ACM

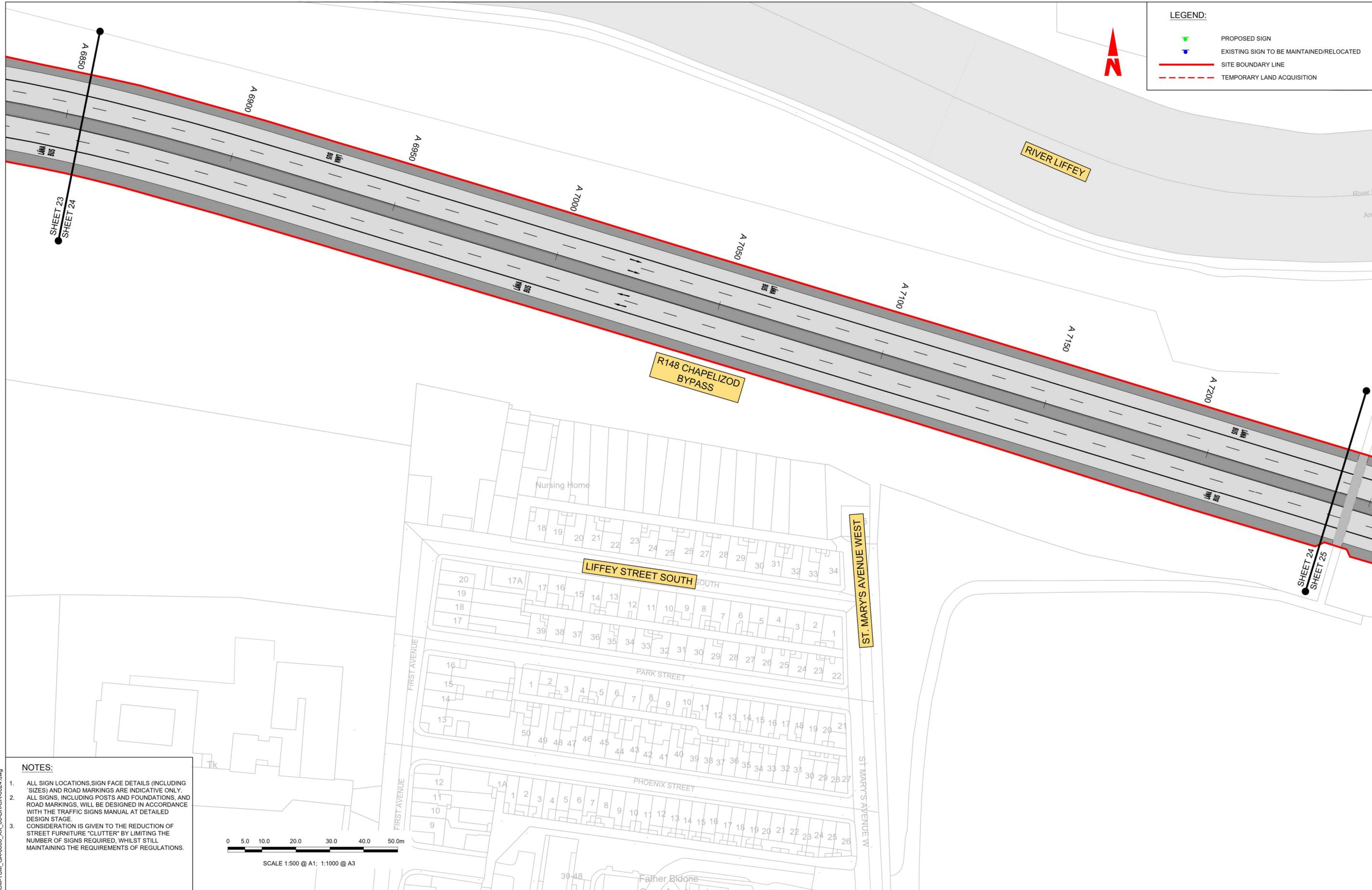
**QMS Code**

<b>Programme Title</b> BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS			
<b>Drawing Title</b> LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS			
<b>Drawing File Name</b> BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0023	<b>Sheet Number</b> 23 of 31	<b>Status</b> A	<b>Rev</b> M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

LEGEND:

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



**Disclaimer**  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish

Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client  
  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer  
 

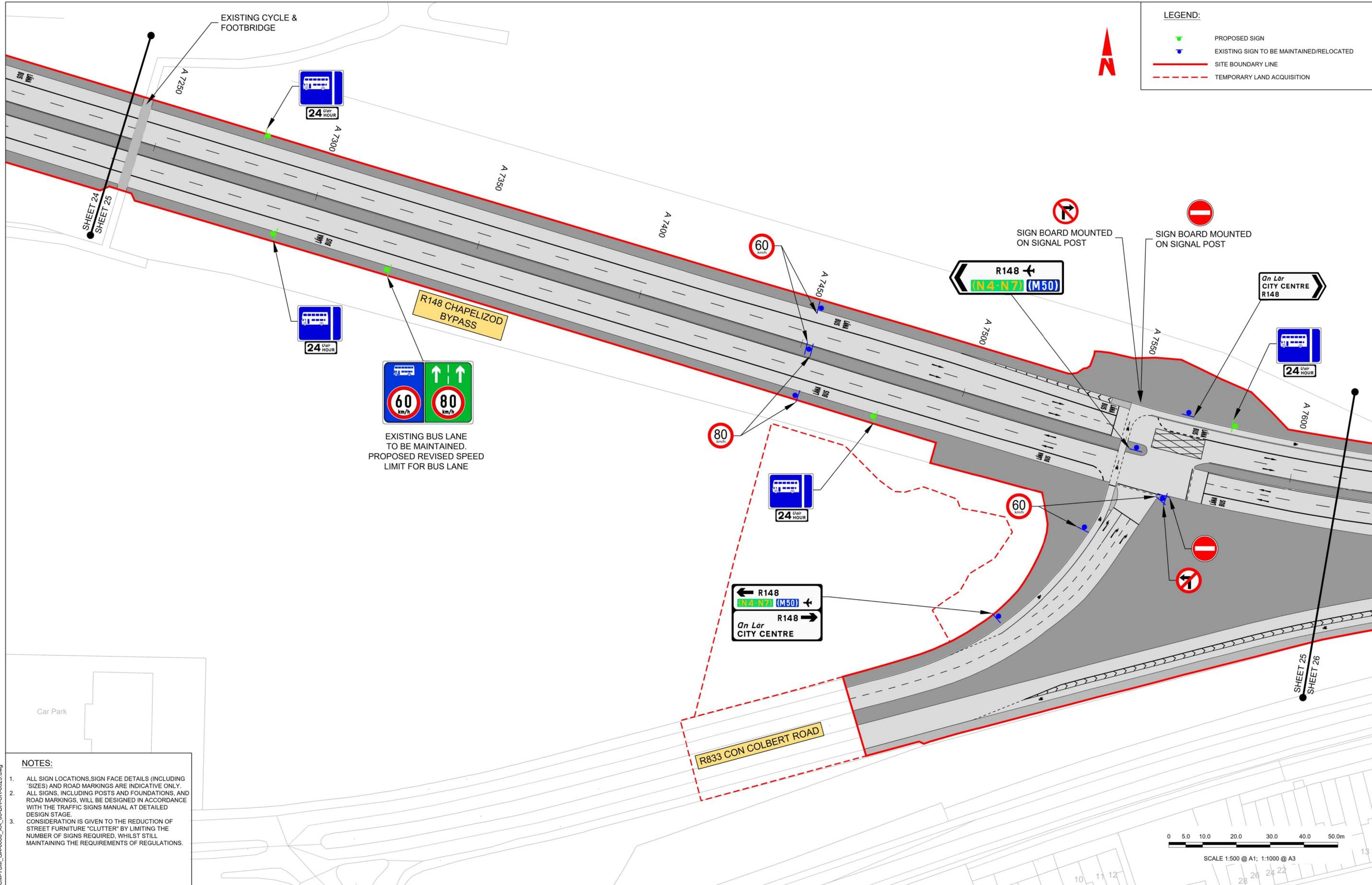
Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS			
Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0024	Sheet Number 24 of 31	Status A	Rev M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0024.dwg

**LEGEND:**

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



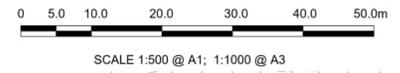
EXISTING BUS LANE TO BE MAINTAINED. PROPOSED REVISED SPEED LIMIT FOR BUS LANE

R148 CHAPELIZOD BYPASS

R833 CON COLBERT ROAD

**NOTES:**

- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
- ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
- CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



Disclaimer  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.  
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: P.K.NOKADA, Checked: A.T.DALE, Approved: C.ACTON

Project Code: BCIDA, Originator Code: ACM, QMS Code:

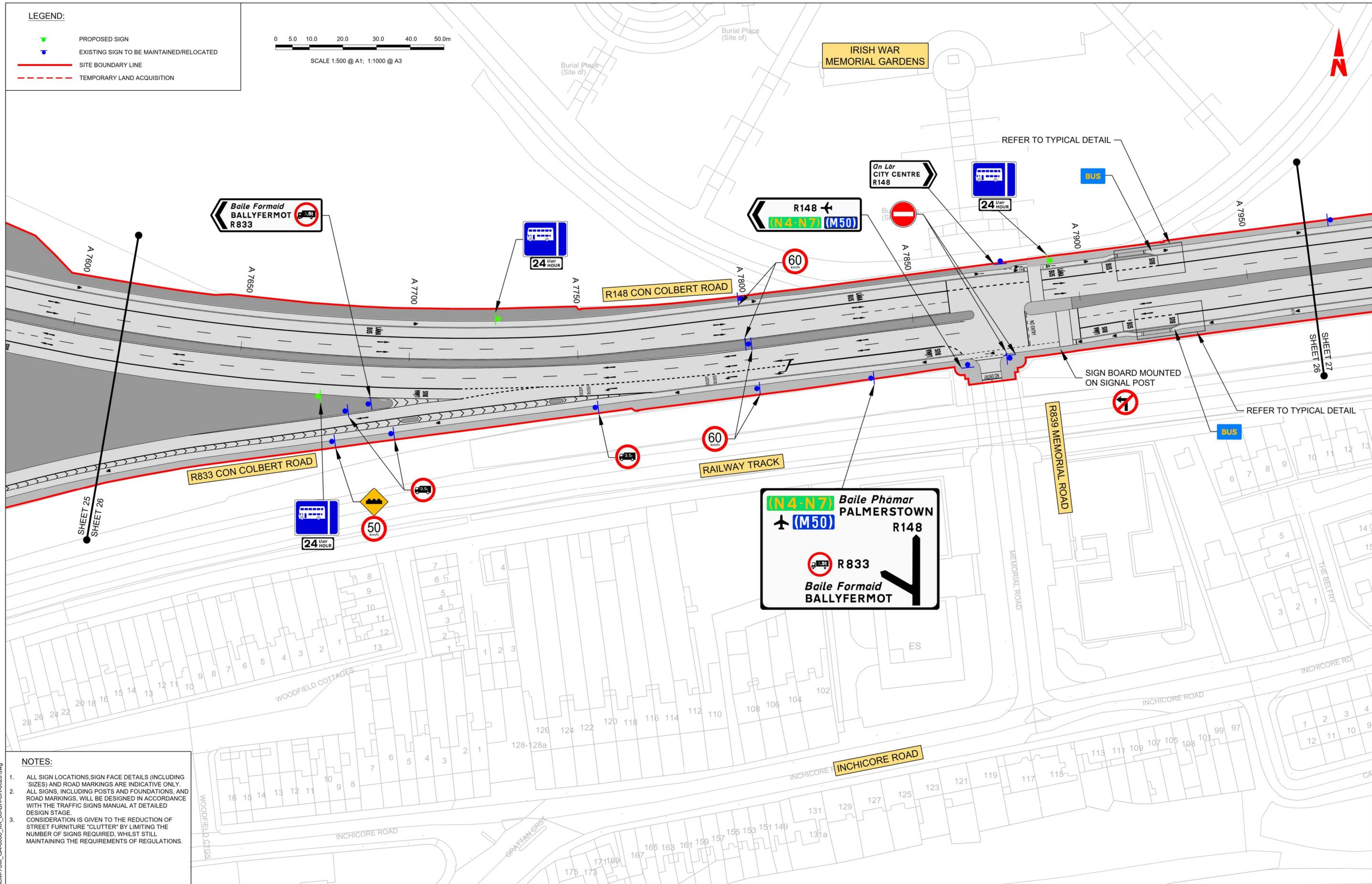
Programme Title: **BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS**

Drawing Title: **LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS**

Drawing File Name: BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0025, Sheet Number: 25 of 31, Status: A, Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

- LEGEND:**
- PROPOSED SIGN
  - EXISTING SIGN TO BE MAINTAINED/RELOCATED
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
  - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  - CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

**Disclaimer**

a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.

b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.

c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.

d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client

Date: 03/10/22  
Scale: 1:500 @ A1, 1:1000 @ A3

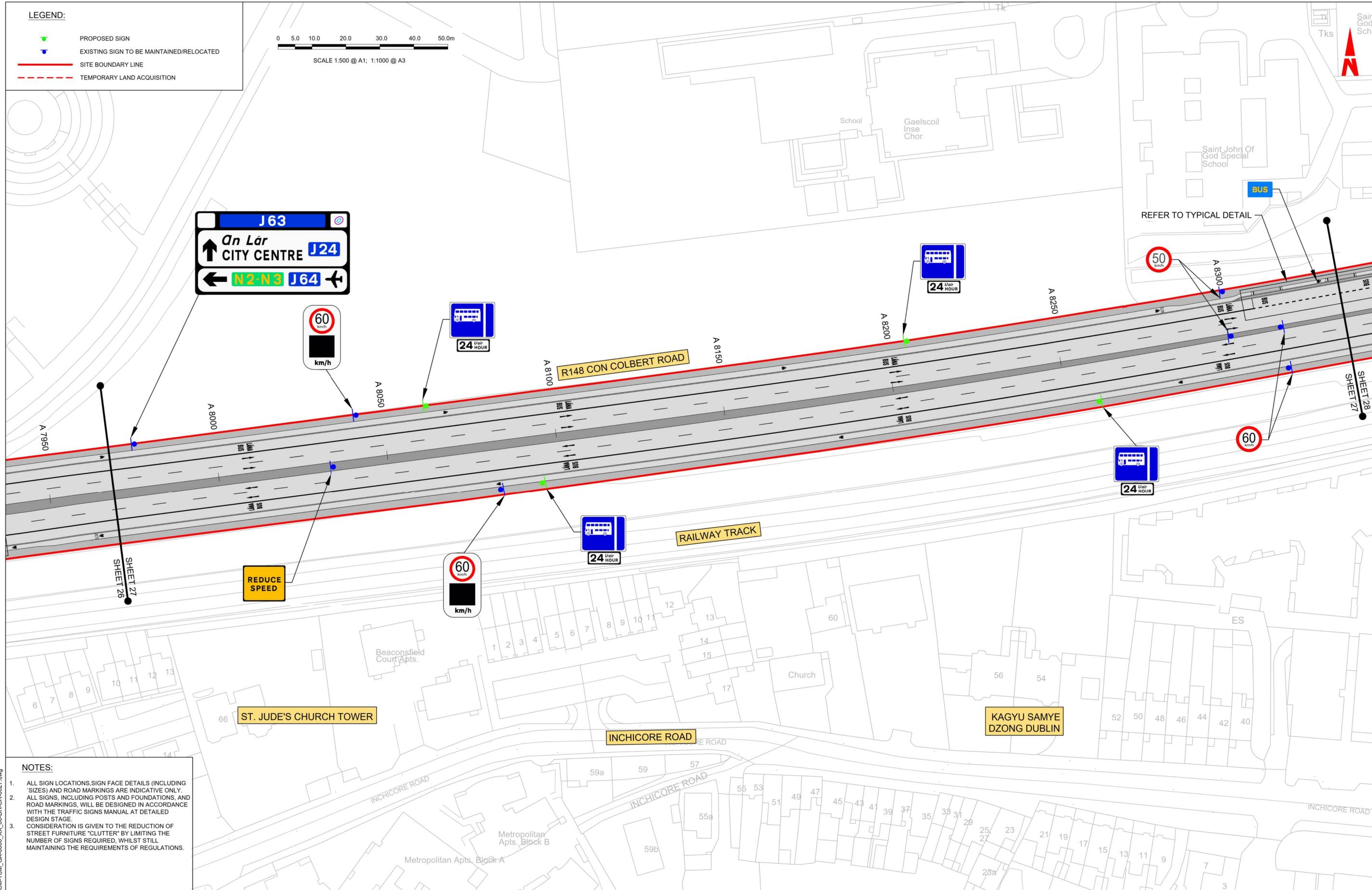
Engineering Designer

Drawn: P.K.NOKADA  
Checked: A.T.DALE  
Approved: C.ACTON

Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0026	Sheet Number 26 of 31	Status A	Rev M01

**LEGEND:**

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION



**NOTES:**

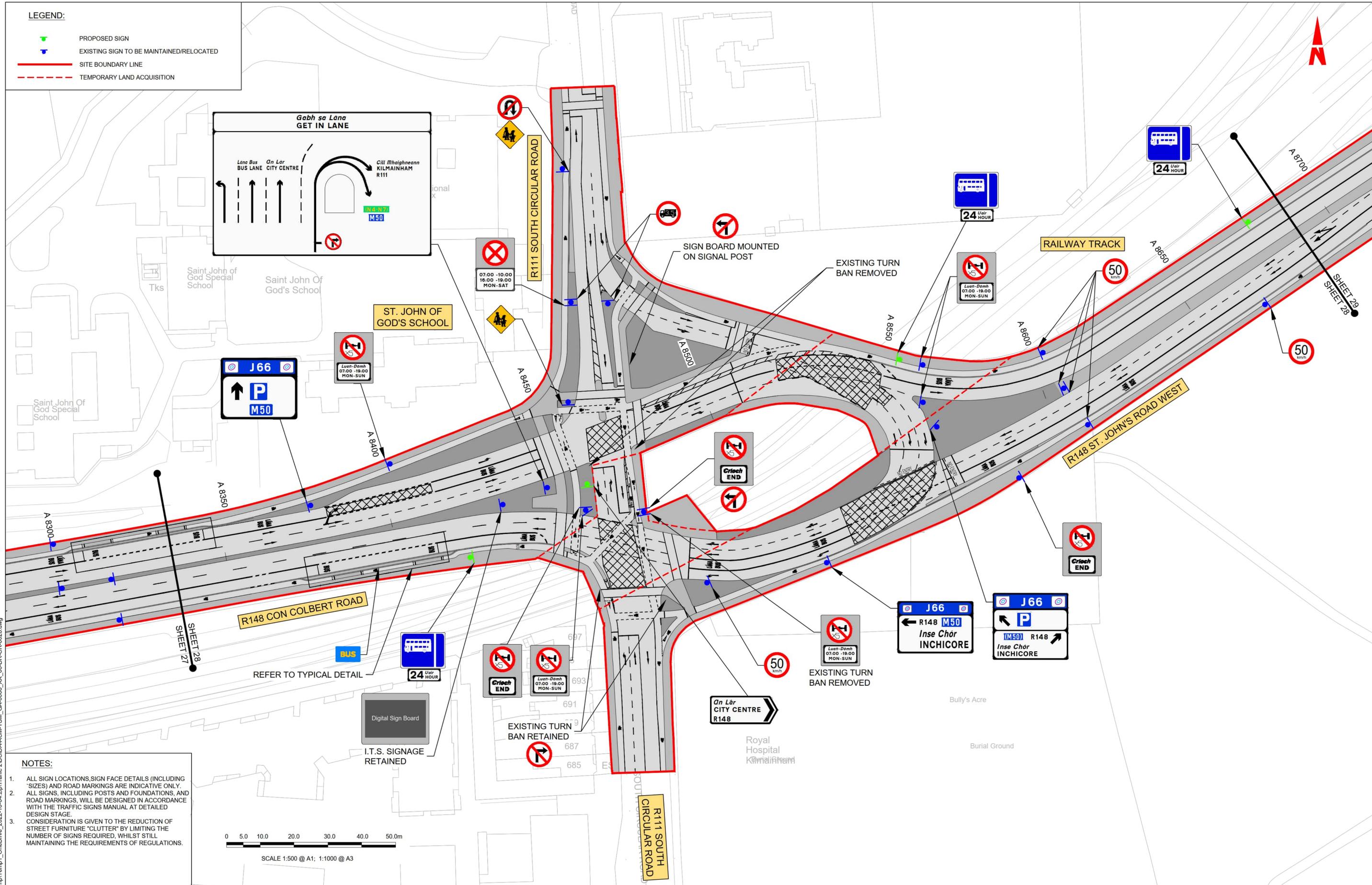
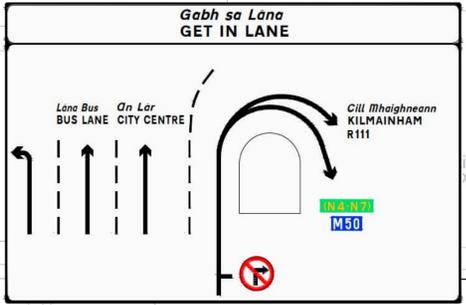
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0027.dwg

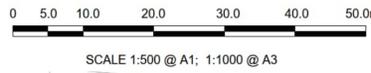
<p><small>Disclaimer</small></p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Malin Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superseded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.</p> <p>e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.</p>	 <p><b>Project Ireland 2040</b> Building Ireland's Future</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Drn</th> <th>Chk'd</th> <th>App'd</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>M01</td> <td>03/10/22</td> <td>PN</td> <td>AD</td> <td>CA</td> <td>ISSUE FOR PHASE 4: PLANNING</td> </tr> </tbody> </table>	Rev	Date	Drn	Chk'd	App'd	Description	M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING	<p>Client</p>  <p><b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>	<p>Engineering Designer</p>  <p><b>AECOM</b></p>  <p><b>MOTT MACDONALD</b></p>	<p>Programme Title</p> <p><b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p> <p>Drawing Title</p> <p><b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>
Rev	Date	Drn	Chk'd	App'd	Description												
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING												
<p>Date</p> <p>03/10/22</p>		<p>Scale</p> <p>1:500 @ A1 1:1000 @ A3</p>		<p>Drawn</p> <p>P.K.NOKADA</p>		<p>Checked</p> <p>A.T.DALE</p>		<p>Approved</p> <p>C.ACTON</p>									
<p>Project Code</p> <p>BCIDA</p>		<p>Originator Code</p> <p>ACM</p>		<p>QMS Code</p>		<p>Drawing File Name</p> <p>BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0027</p>		<p>Sheet Number</p> <p>27 of 31</p>									
						<p>Status</p> <p>A</p>		<p>Rev</p> <p>M01</p>									

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

- LEGEND:**
- PROPOSED SIGN
  - EXISTING SIGN TO BE MAINTAINED/RELOCATED
  - SITE BOUNDARY LINE
  - TEMPORARY LAND ACQUISITION



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
  - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  - CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.



<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>		<p>Client: <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>		<p>Engineering Designer: <b>AECOM</b> <b>MOTT MACDONALD</b></p>		<p>Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p>	
<p>Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3</p>		<p>Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3</p>		<p>Drawn: P.K.HOKADA, Checked: A.T.DALE, Approved: C.ACTON</p>		<p>Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>	
<p>Project Code: BCIDA, Originator Code: ACM</p>		<p>Project Code: BCIDA, Originator Code: ACM</p>		<p>QMS Code</p>		<p>Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0028</p>	
<p>Sheet Number: 28 of 31</p>		<p>Status: A</p>		<p>Rev: M01</p>		<p>DO NOT SCALE USE FIGURED DIMENSIONS ONLY</p>	

C:\Users\alea\AppData\Local\Temp1\Temp1\_OneDrive\_2022-10-04\_2p1Traffic\_2\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0028.dwg

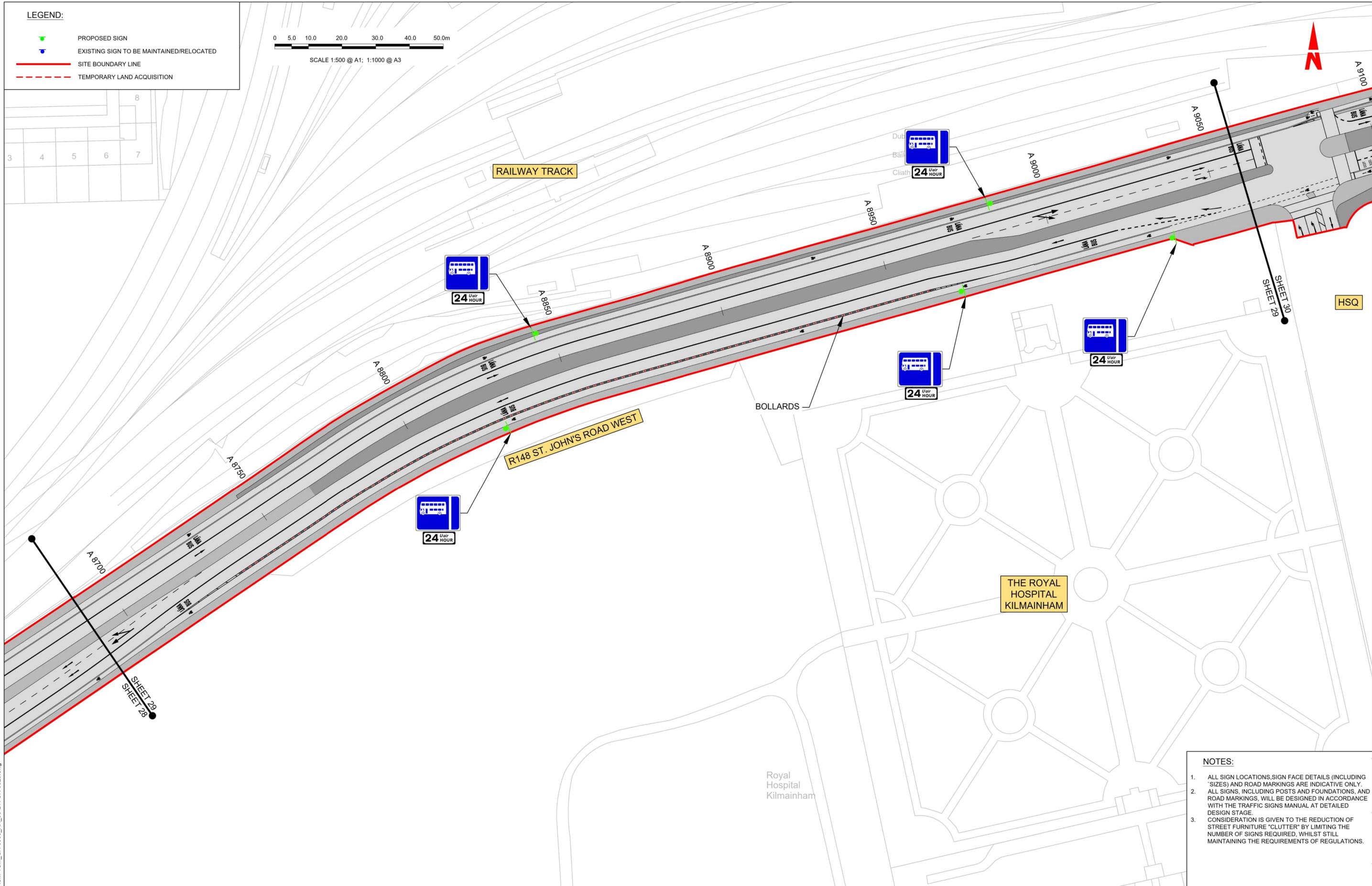
**LEGEND:**

-  PROPOSED SIGN
-  EXISTING SIGN TO BE MAINTAINED/RELOCATED
-  SITE BOUNDARY LINE
-  TEMPORARY LAND ACQUISITION

0 5.0 10.0 20.0 30.0 40.0 50.0m

SCALE 1:500 @ A1; 1:1000 @ A3

3	4	5	6	7	8
---	---	---	---	---	---



**NOTES:**

1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

Disclaimer  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the titleblock. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.  
 e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.

**Project Ireland 2040**  
 Building Ireland's Future

Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA**  
 Údarás Náisiúnta Iompair  
 National Transport Authority

Engineering Designer: **AECOM** **MOTT MACDONALD**

Date: 03/10/22  
 Scale: 1:500 @ A1, 1:1000 @ A3  
 Drawn: P.K.NOKADA, Checked: A.T.DALE, Approved: C.ACTON

Project Code: BCIDA, Originator Code: ACM, QMS Code:

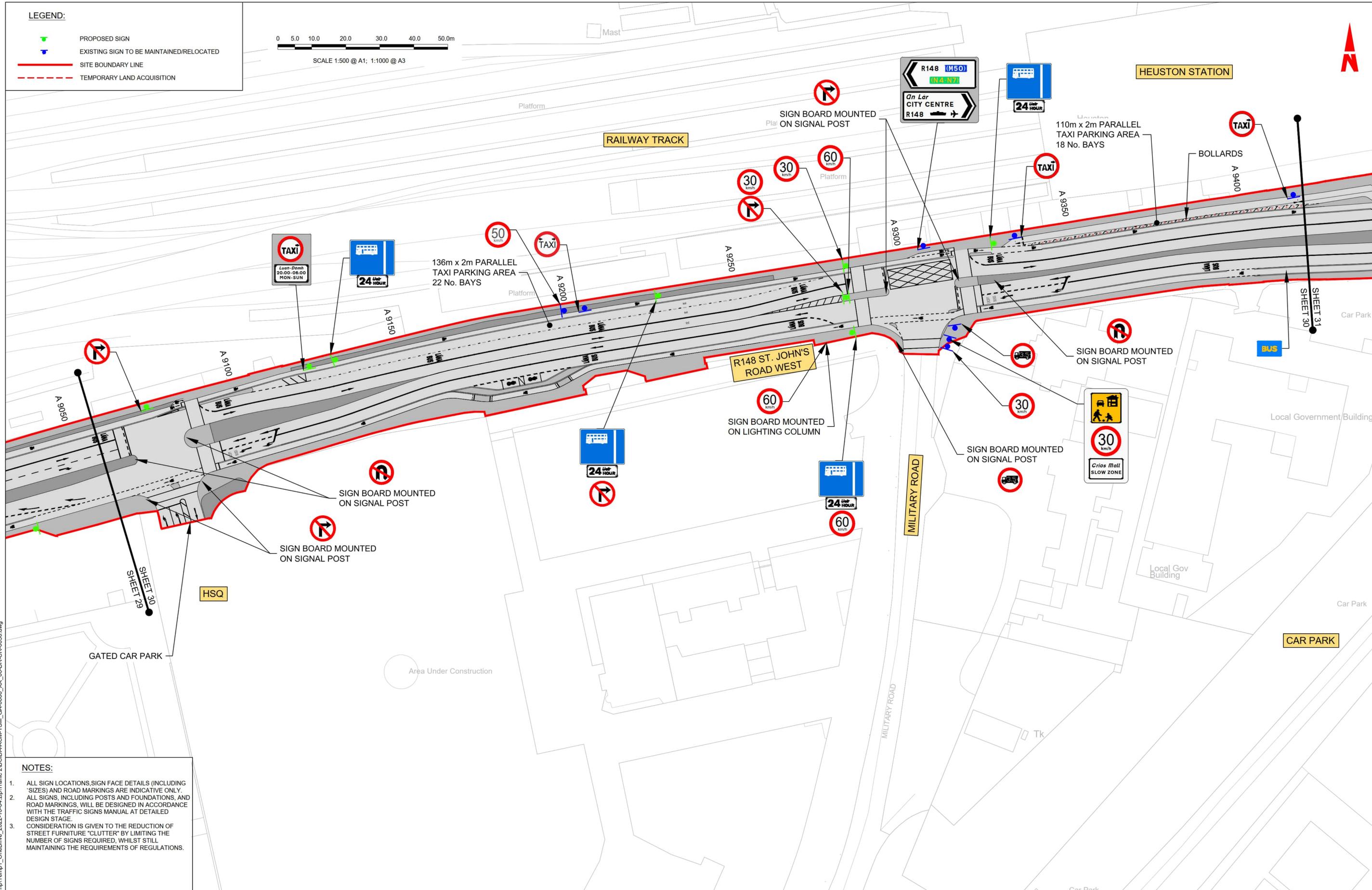
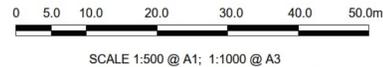
Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0029	Sheet Number: 29 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\pwworking\40299878\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0029.dwg

**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- - - TEMPORARY LAND ACQUISITION

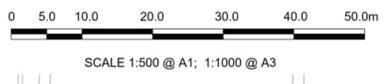


- NOTES:**
1. ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING SIZES) AND ROAD MARKINGS ARE INDICATIVE ONLY.
  2. ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  3. CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

<p><b>Disclaimer</b></p> <p>a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.</p> <p>b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.</p> <p>c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI_NMA_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Mean Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.</p> <p>d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.</p> <p>e. The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.</p>	<p>Rev M01 03/10/22 PN AD CA ISSUE FOR PHASE 4: PLANNING</p>	<p>Client <b>NTA</b> Údarás Náisiúnta Iompair National Transport Authority</p>	<p>Engineering Designer <b>AECOM</b> <b>MOTT MACDONALD</b></p>	<p>Programme Title <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b></p> <p>Drawing Title <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b></p>
<p>Date 03/10/22</p> <p>Scale 1:500 @ A1 1:1000 @ A3</p> <p>Project Code BCIDA</p> <p>Originator Code ACM</p> <p>QMS Code</p>	<p>Drawn P.K.HOKADA</p> <p>Checked A.T.DALE</p> <p>Approved C.ACTON</p>	<p>Drawing File Name BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0030</p> <p>Sheet Number 30 of 31</p> <p>Status A</p> <p>Rev M01</p>		

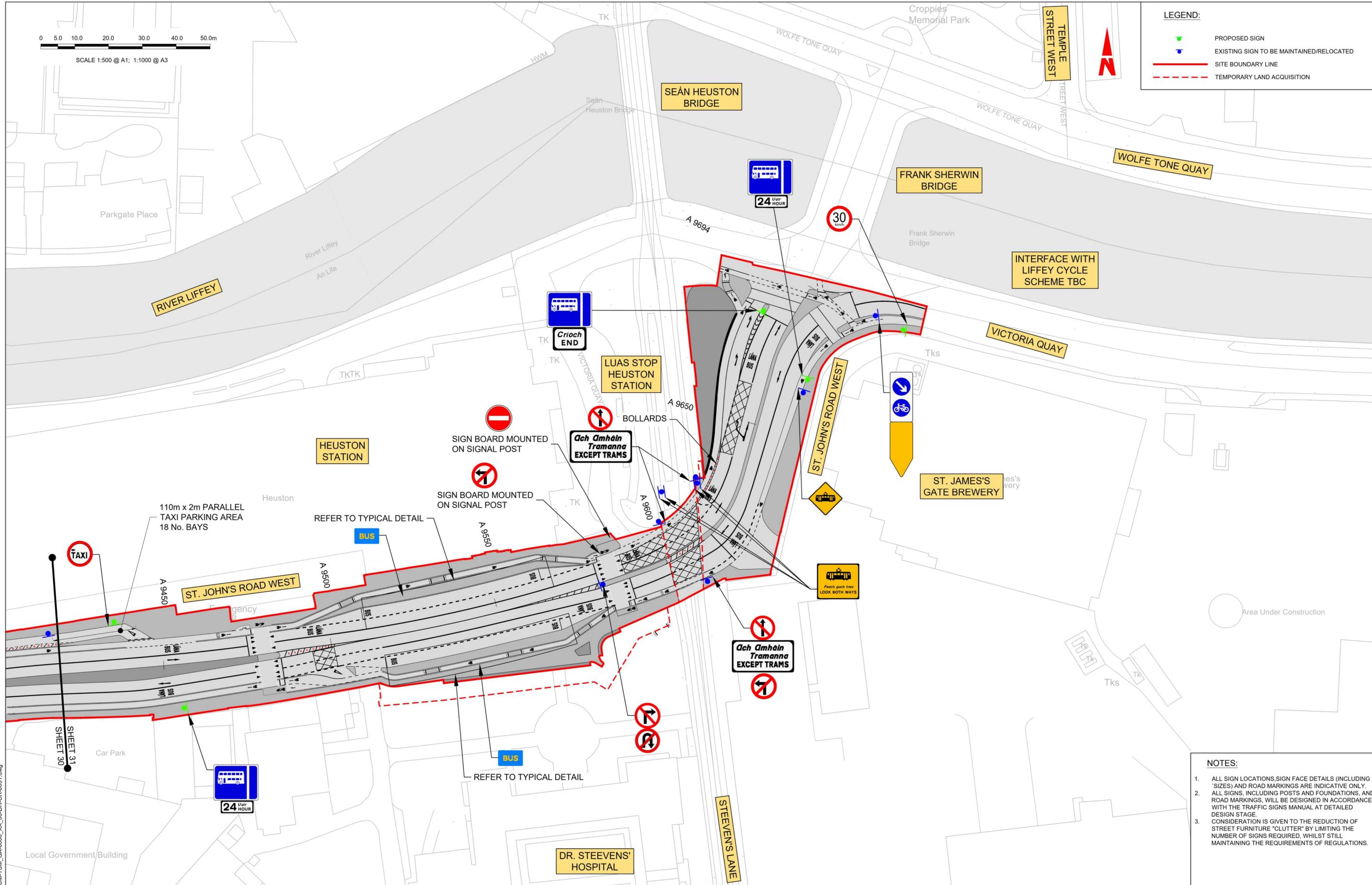
DO NOT SCALE USE FIGURED DIMENSIONS ONLY

C:\Users\dalea\AppData\Local\Temp1\Temp1\_OneDrive\_2022-10-04\_2p1\Traffic\_2\BCIDA-ACM-TSM\_GA-0006\_XX\_00-DR-CR-0030.dwg



**LEGEND:**

- PROPOSED SIGN
- EXISTING SIGN TO BE MAINTAINED/RELOCATED
- SITE BOUNDARY LINE
- TEMPORARY LAND ACQUISITION



- NOTES:**
- ALL SIGN LOCATIONS, SIGN FACE DETAILS (INCLUDING 'SIZES') AND ROAD MARKINGS ARE INDICATIVE ONLY.
  - ALL SIGNS, INCLUDING POSTS AND FOUNDATIONS, AND ROAD MARKINGS, WILL BE DESIGNED IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL AT DETAILED DESIGN STAGE.
  - CONSIDERATION IS GIVEN TO THE REDUCTION OF STREET FURNITURE "CLUTTER" BY LIMITING THE NUMBER OF SIGNS REQUIRED, WHILST STILL MAINTAINING THE REQUIREMENTS OF REGULATIONS.

Disclaimers:  
 a. © National Transport Authority (NTA) 2022. This drawing is confidential and the copyright in it is owned by NTA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NTA.  
 b. This drawing is to be used for the design element identified in the title block. Other information shown is to be considered indicative only. The drawing is to be read in conjunction with all other relevant design drawings.  
 c. O.S. data used for plans are printed under © Ordnance Survey Ireland Government of Ireland. All rights reserved. Licence Number 2022/OSI\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSI Geoid Model (OSGM15) Math Head. All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active local GPS station.  
 d. Information concerning the position of apparatus shown on this drawing is based on drawings supplied by the utility owners and/or the utility works contractor, whilst every care has been taken in the preparation of this drawing, positions should be taken as approximate and are intended for general guidance only and no representation is made by the NTA as to the accuracy, completeness, sufficiency or otherwise of this drawing and the position of the apparatus. The information contained herein does not purport to be comprehensive or final as the apparatus is subject to being altered and/or superceded. Recipients should not rely on this information. Any liabilities are hereby expressly disclaimed.

The information contained herein has been provided by the NTA but does not purport to be comprehensive or final. Recipients should not rely on the information. Neither the NTA nor any of its directors, officers, employees, agents, stakeholders or advisers make any representation or warranty as to, or accept any liability or responsibility in relation to, the adequacy, accuracy, reasonableness or completeness of the information provided as part of this document or any matter on which the information is based (including but not limited to loss or damage arising as a result of reliance by recipients on the information or any part of it). Any liabilities are hereby expressly disclaimed.



Rev	Date	Drn	Chk'd	App'd	Description
M01	03/10/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING

Client: **NTA** Údarás Náisiúnta Iompair National Transport Authority

Engineering Designer: **AECOM** MOTT MACDONALD

Date: 03/10/22 Scale: 1:500 @ A1, 1:1000 @ A3

Project Code: BCIDA Originator Code: ACM

Drawn: P.K.NOKADA Checked: A.T.DALE Approved: C.ACTON

Programme Title: <b>BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS</b>			
Drawing Title: <b>LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TRAFFIC SIGNS AND ROAD MARKINGS</b>			
Drawing File Name: BCIDA-ACM-TSM_GA-0006_XX_00-DR-CR-0031	Sheet Number: 31 of 31	Status: A	Rev: M01

DO NOT SCALE USE FIGURED DIMENSIONS ONLY