Typical Cross Sections





# BUSCONNECTS DUBLIN CORE BUS CORRIDORS INFRASTRUCTURE WORKS

# LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

# TYPICAL CROSS SECTIONS

## DRAWING SERIES NUMBER(S)

BCIDA-ACM-GEO\_IX-0006\_XX\_00-DR-CR-0002

DRAWING SERIES DESCRIPTION

BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0001 to 0023 LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME. TYPICAL CROSS SECTIONS

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M01 | 30/09/22 | PN | AD | CA | ISSUE FOR PHASE 4: PLANNING

Drn Chk'd App'd

Údarás Náisiúnta Iompair National Transport Authority

30/09/22

Project Code

Engineering Designer **AECOM** 

MACDONALD

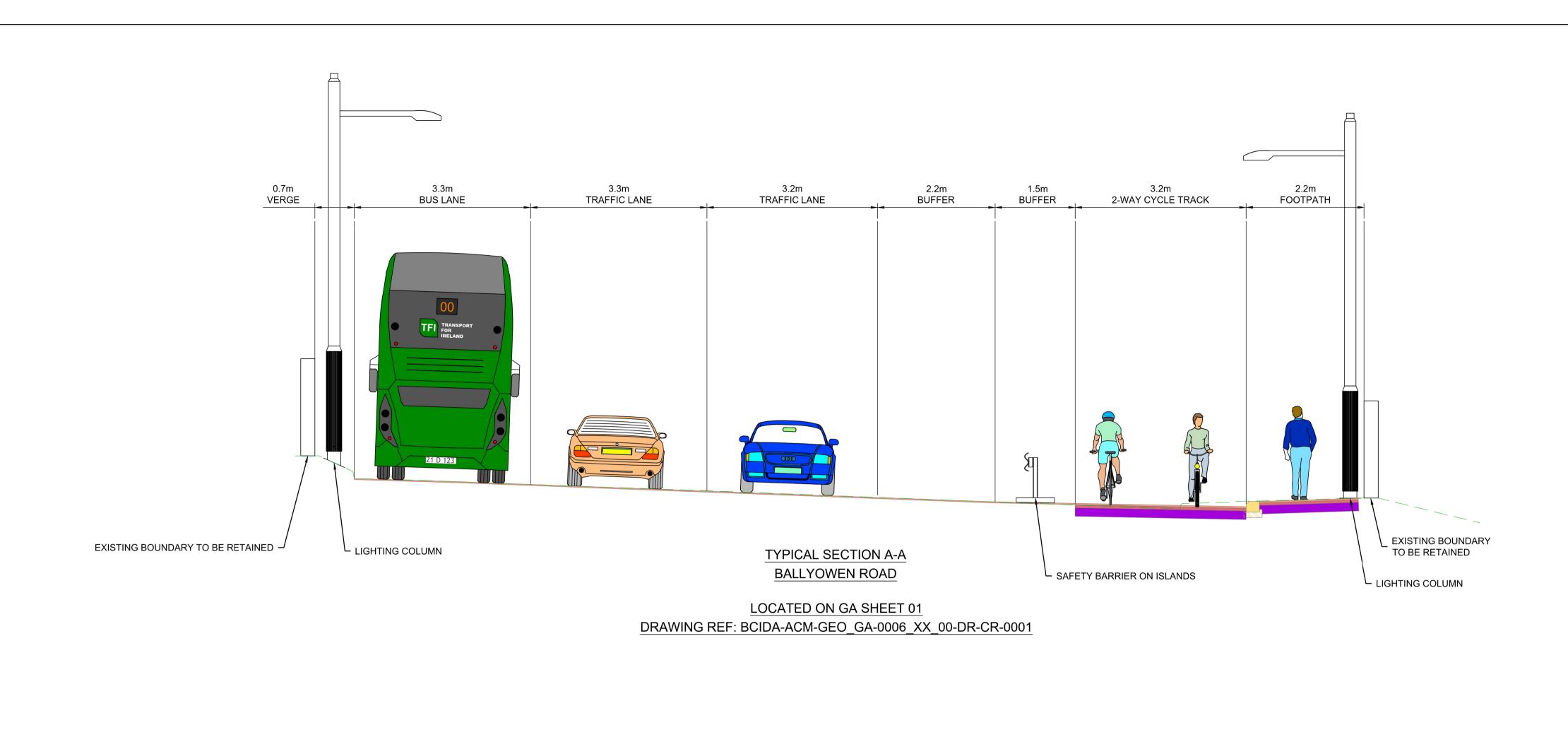
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

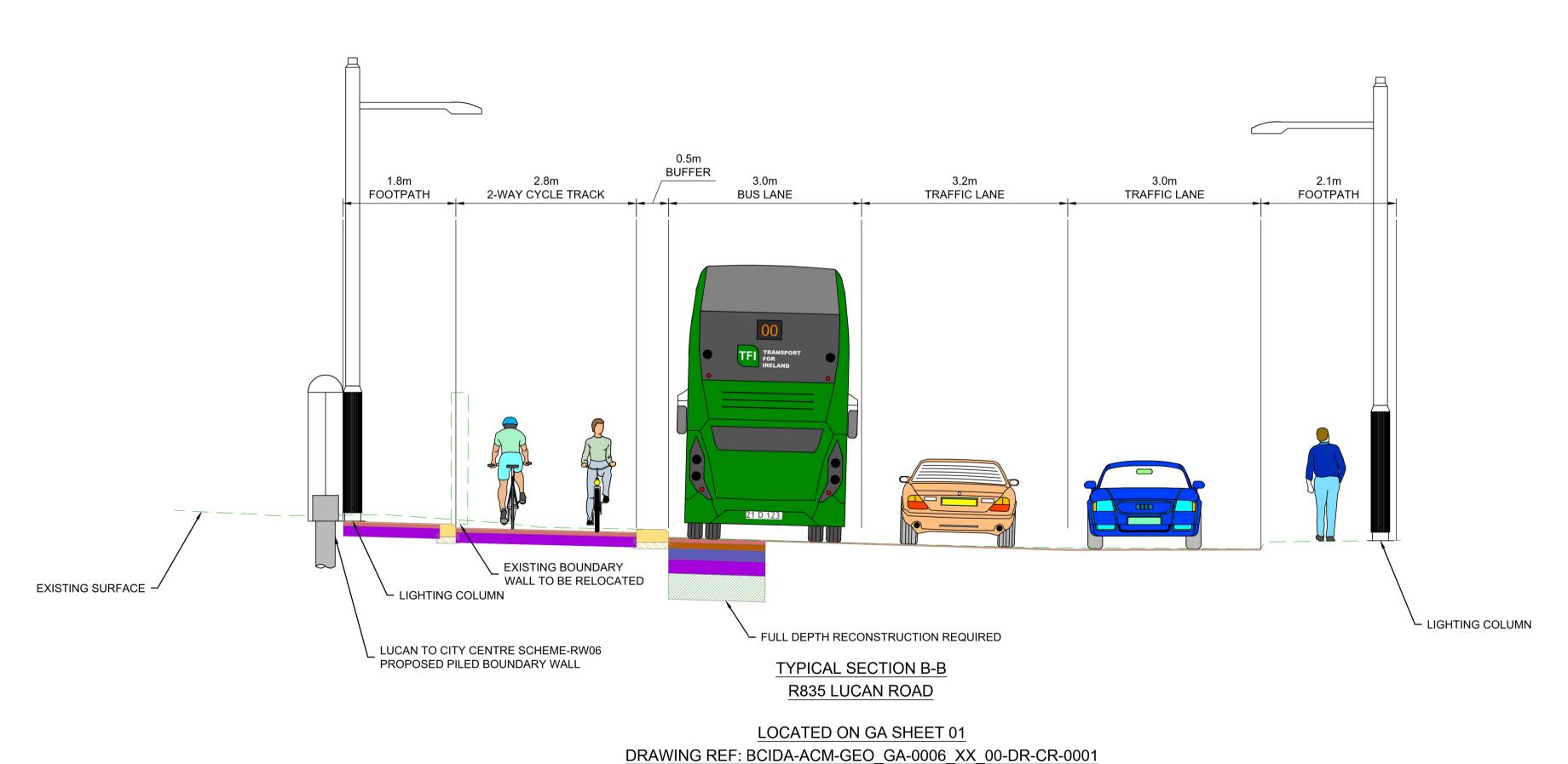
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS **COVER SHEET** Sheet Number | Status

N/A @ A3 P.K.NOKADA A.T.DALE

Scale <sub>N/A</sub> @ A1 Drawn

Originator Code





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Project
Ireland 2040
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A-	Rev	Date	Drn	Chk'd	App'd	Description	Client
	M01	30/09/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING	N'
Project land 2040							<b>Údará</b> Nation
uilding Ireland's							Date 30/09/22
Future							Project Code

# Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

# Engineering Designer **AECOM**

# MACDONALD Checked Approved

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

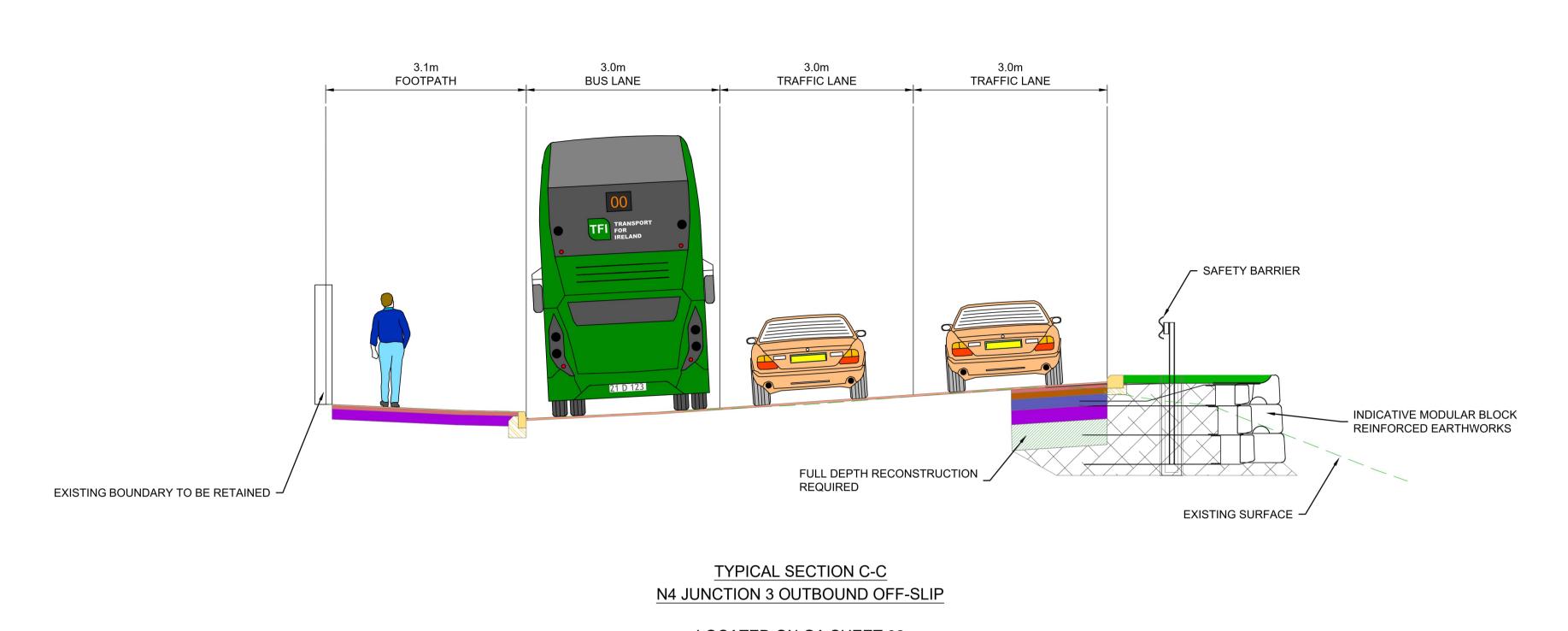
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name

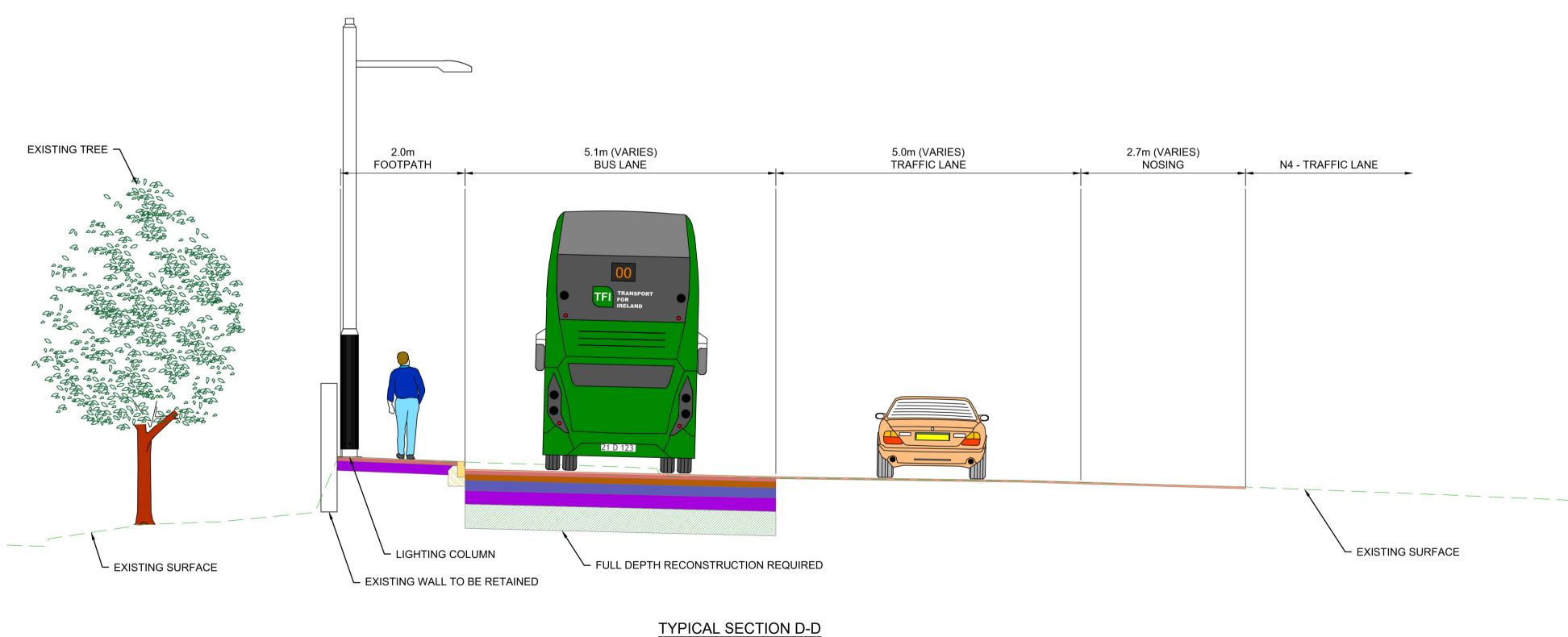
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0001

Sheet Number | Status | O1 of 23 | A

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#### LOCATED ON GA SHEET 02 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0002



### NOTES:

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- WHERE PROPERTY LINE ADJUSTMENTS ARE PROPOSED, NEW BOUNDARY WALLS ARE PROPOSED TO MATCH EXISTING UNLESS OTHERWISE DETERMINED IN CONSULTATION WITH THE LANDOWNER.

# IMPACT ASSESSMENT REPORT (EIAR).

# JUNCTION 3 INBOUND ON-SLIP

### LOCATED ON GA SHEET 02 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0002

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Client	Description	App'd	Chk'd	Drn	Date	Rev
	ISSUE FOR PHASE 4: PLANNING	CA	AD	PN	30/09/22	M01
<b>Údará</b> Natior						
Date						
30/09/22						
Project Code						
DCID4						

# Engineering Designer **Údarás Náisiúnta Iompair** National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn Checked Approved

Originator Code

# **AECOM**

# MOTT MACDONALD

C.ACTON

# **BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing File Name

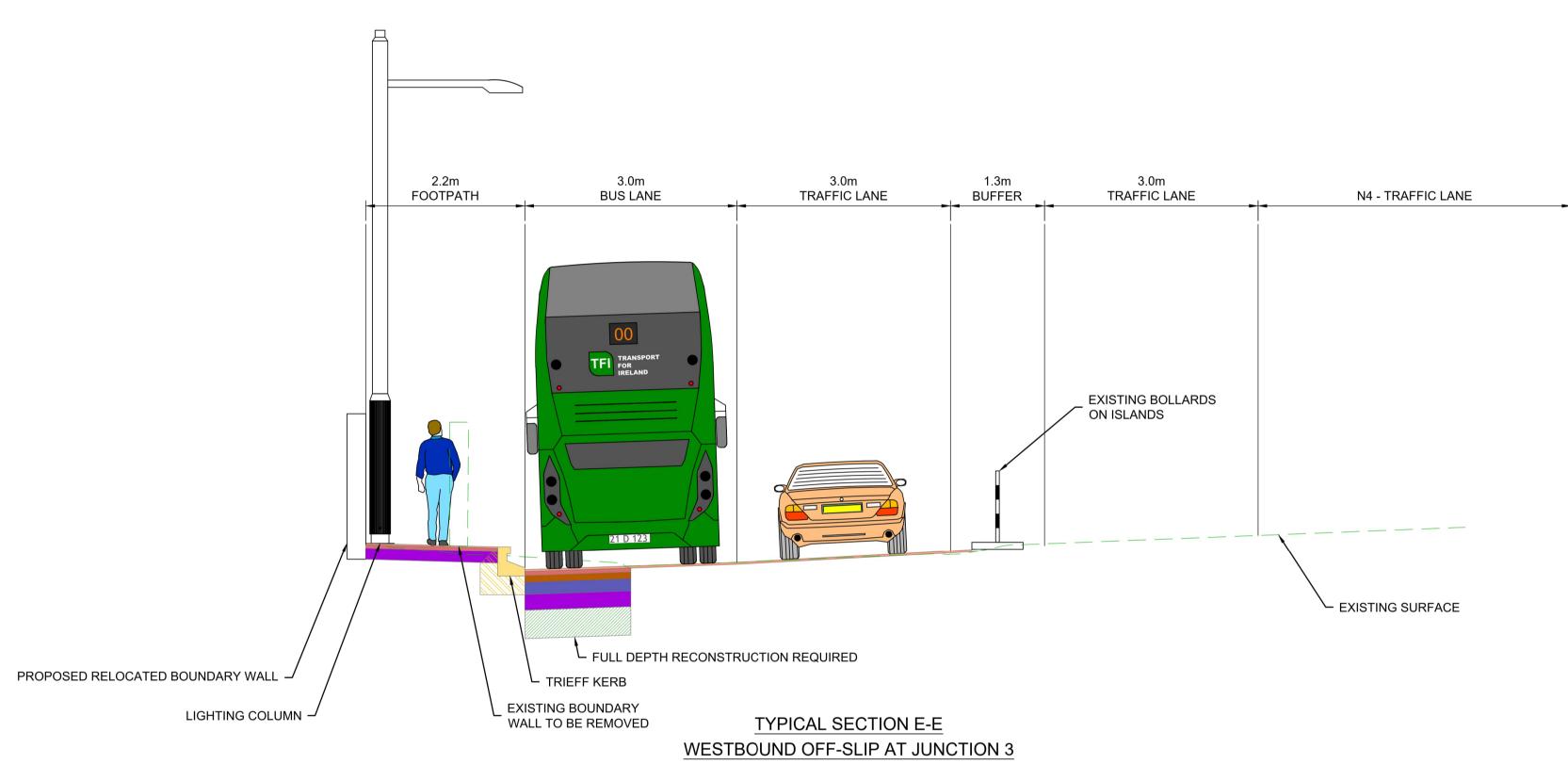
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0002

Sheet Number 02 of 23 A

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

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1:100 @ A3 P.K.NOKADA A.T.DALE



LOCATED ON GA SHEET 02 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0002

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Number 2022/OSi\_NMA\_180 National Transport Authority. All elevations are in metres and relate to OSi Geoid Model

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Date 30/09/22	/	Client	Client	Description	App'd	Chk'd	Drn	Date	Rev
Date 30/09/22				ISSUE FOR PHASE 4: PLANNING	CA	AD	PN	30/09/22	M01
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Date 30/09/22	<b>Údará</b> Nation								
30/09/22	Natioi		Date						
Project Code	22	30/09/22	l l						
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Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

Engineering Designer **AECOM** 

**MACDONALD** 

Checked Approved

C.ACTON

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

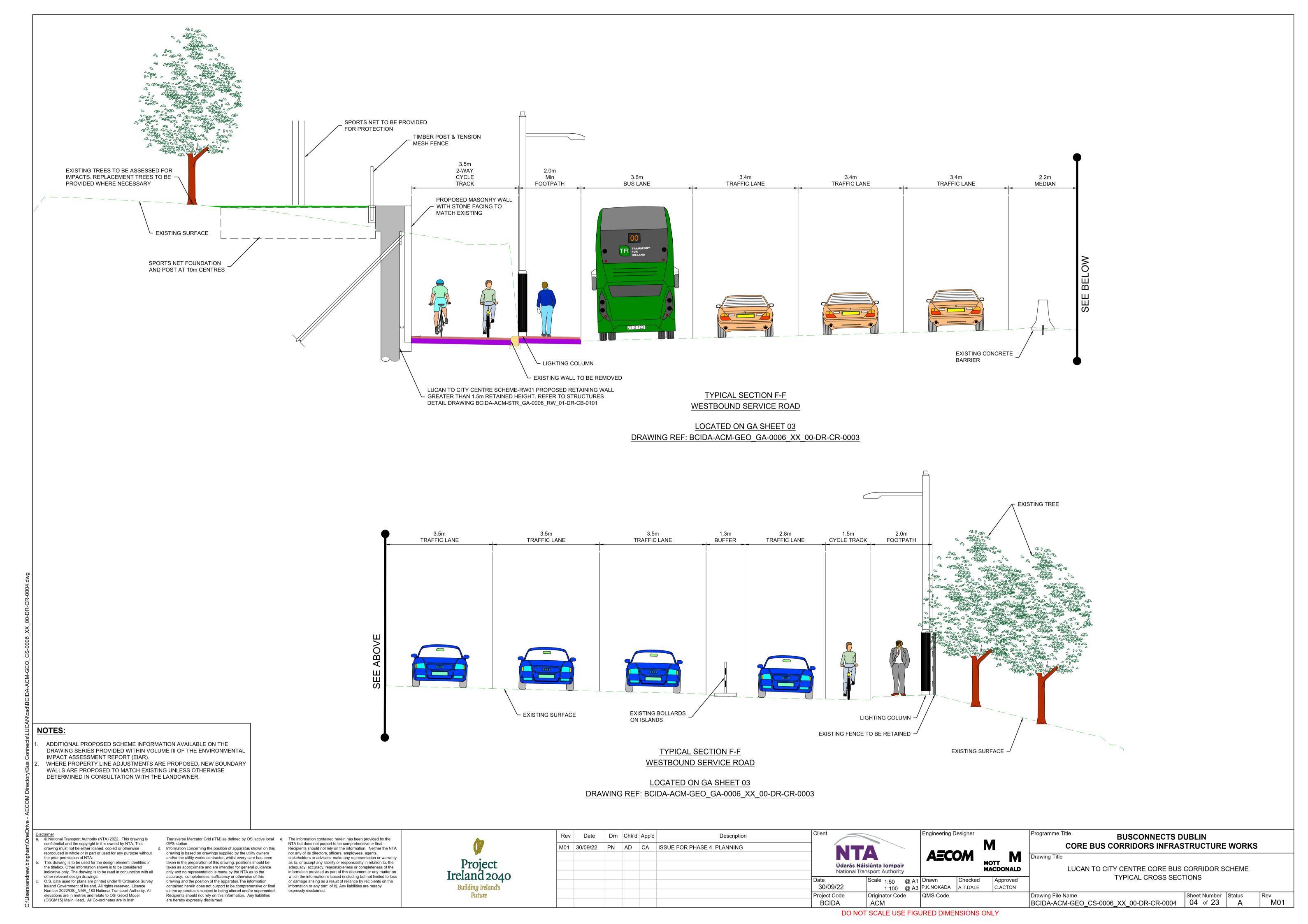
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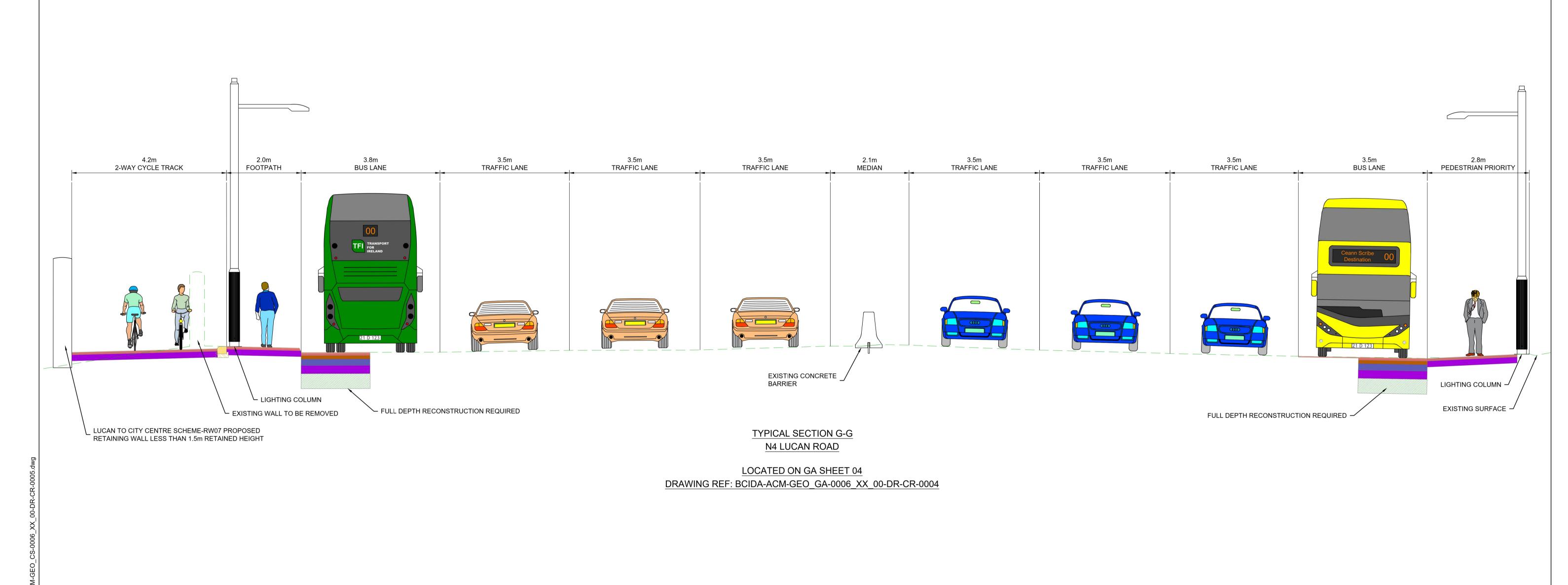
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0003

Sheet Number | Status | O3 of 23 | A

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

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NOTES:

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	ISSUE FOR PHASE 4: PLANNING	CA	PN AD	30/09/22	M01
Údara					
Nation					
Date 30/09/22					
Project Code					

Description

Rev Date Drn Chk'd App'd

Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

Engineering Designer **AECOM** 

MOTT MACDONALD Checked Approved

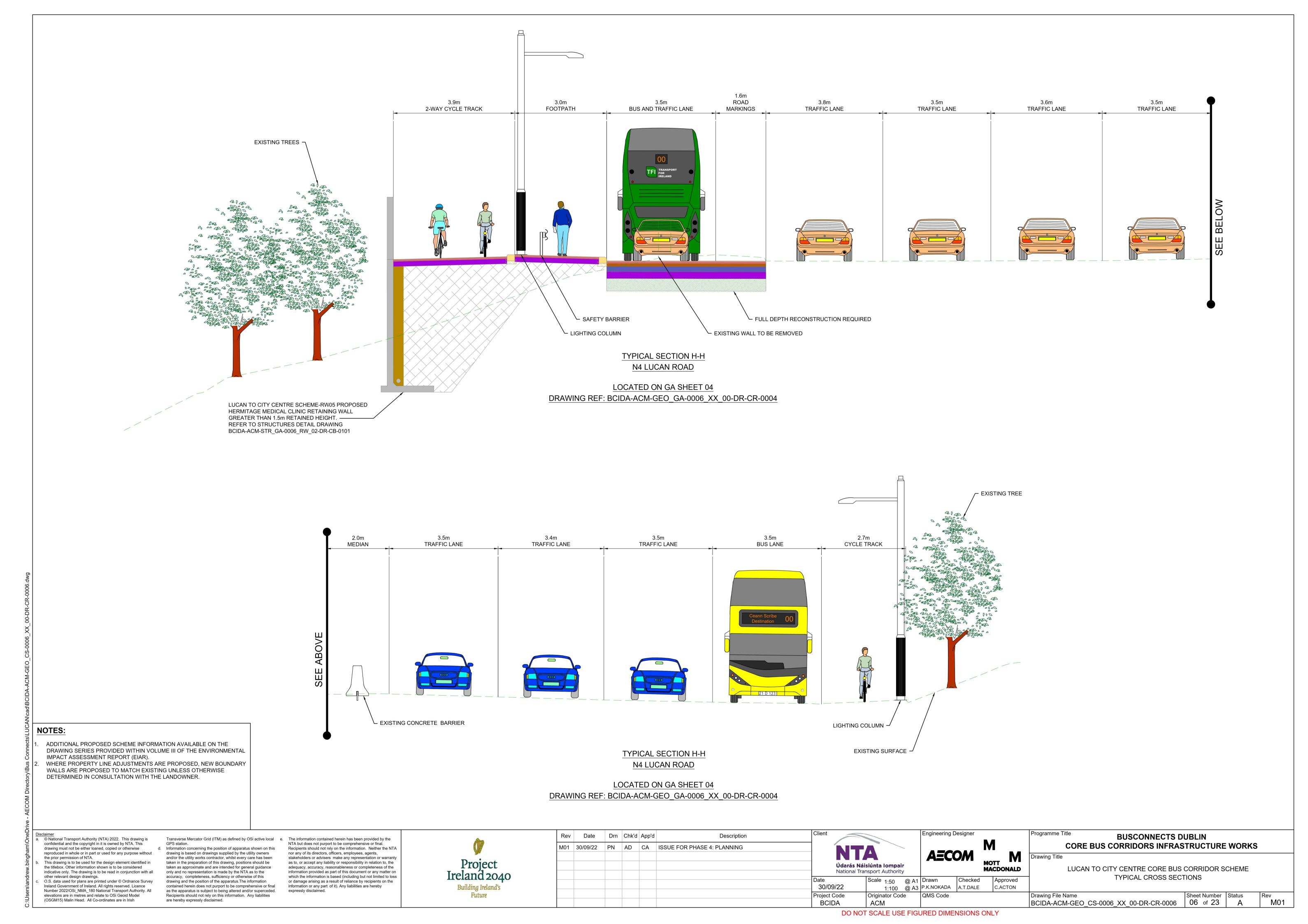
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

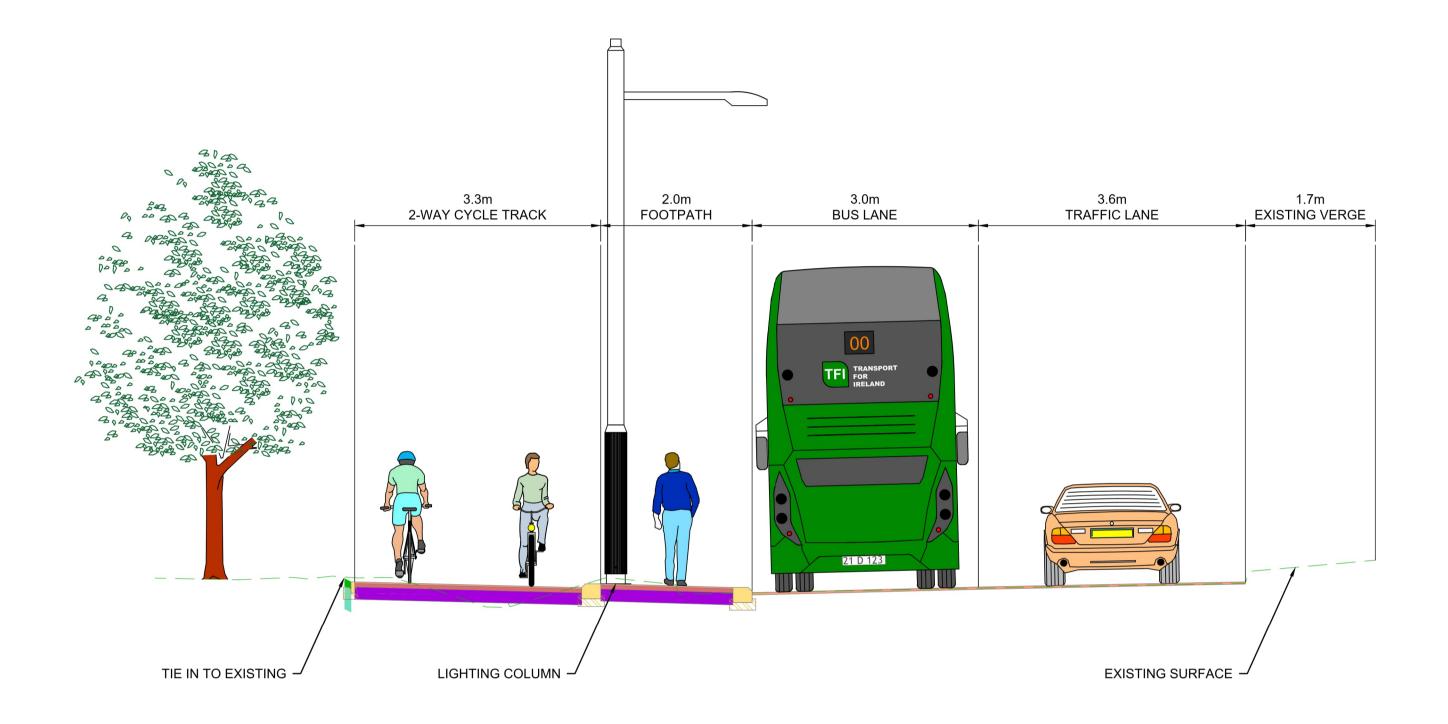
TYPICAL CROSS SECTIONS C.ACTON Drawing File Name

BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0005

Sheet Number | Status | O5 of 23 | A

1:100 @ A3 P.K.NOKADA A.T.DALE





### TYPICAL SECTION I-I EASTBOUND OFF-SLIP AT JUNCTION 2

LOCATED ON GA SHEET 05 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0005

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M01 30/09/22 PN AD CA ISSUE FOR PHASE 4: PLANNING  Údar Natio  Date 30/09/22 Project Code	Cilent	Description	d App'd	Chk'd	Drn	Date	Rev
Date 30/09/22		ISSUE FOR PHASE 4: PLANNING	CA	AD	PN	30/09/22	M01
Date 30/09/22							
Date 30/09/22	<b>Údar</b> Natio						
Project Code	30/09/22						
	Project Code						

Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

Engineering Designer **AECOM** 

Checked Approved

MACDONALD

C.ACTON

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

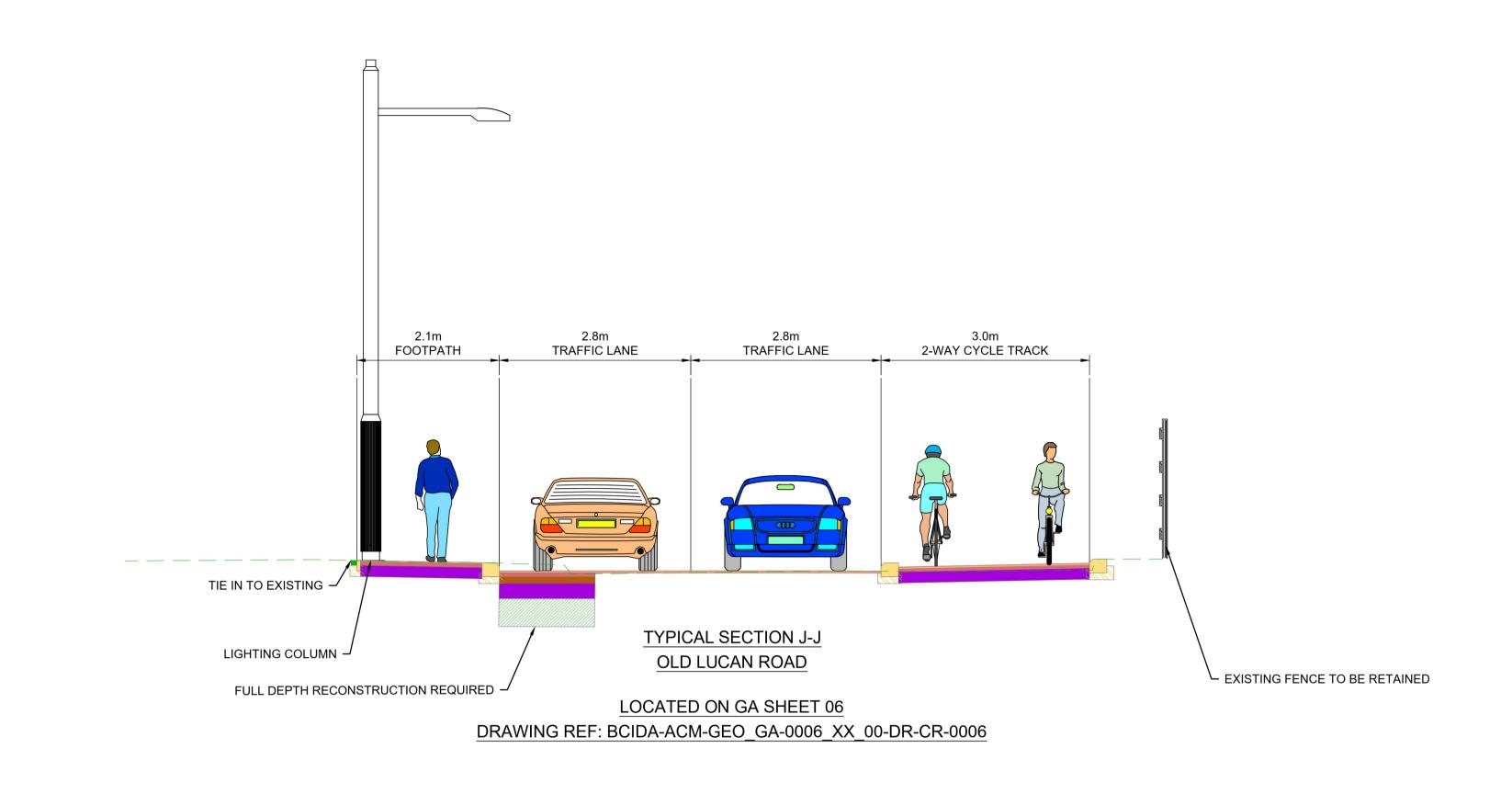
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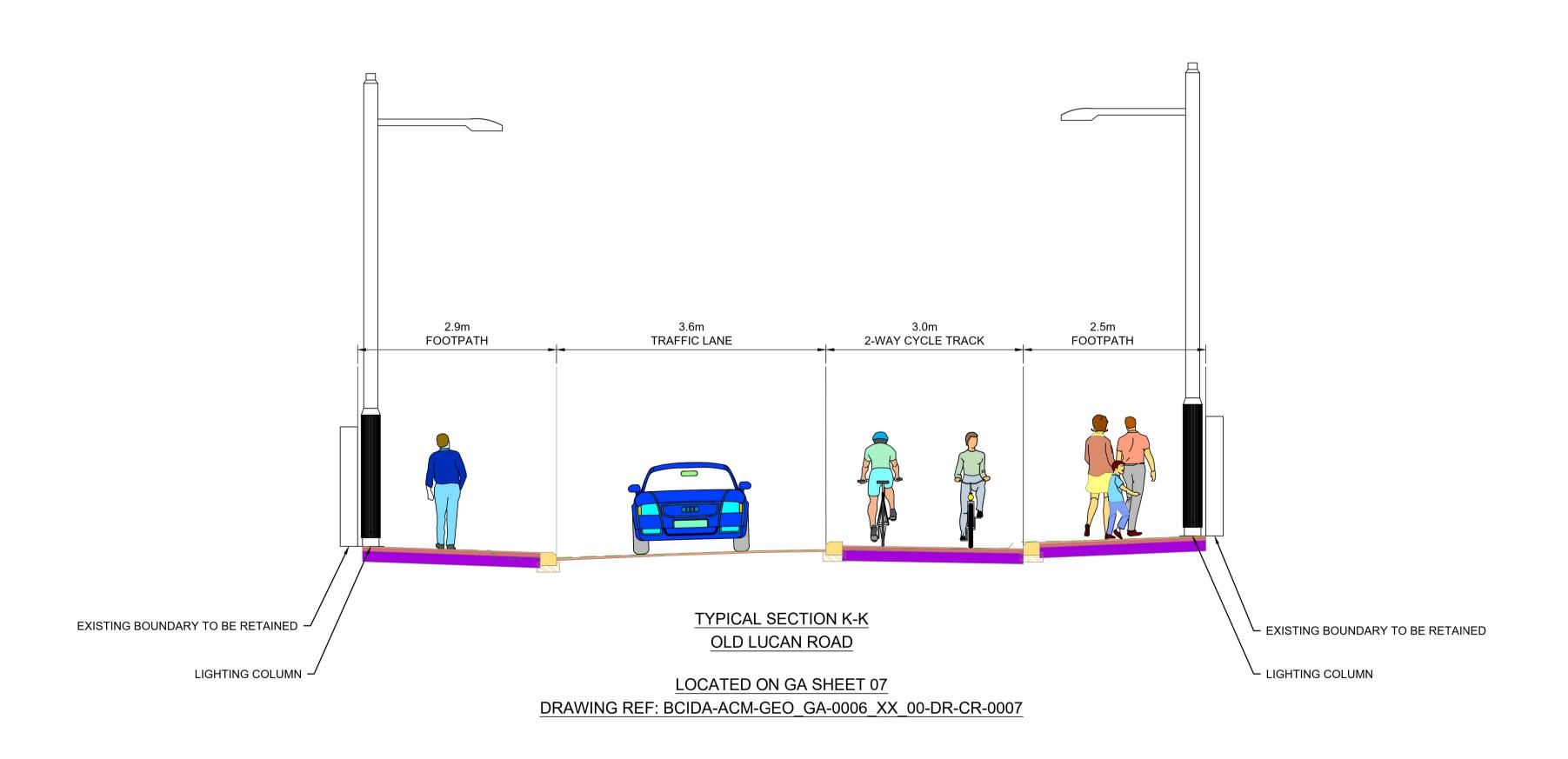
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0007

Sheet Number | Status | 07 of 23 | A

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

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Anna Carlotte Carlott		
	M01	3
Project		
reland 2040		
Building Ireland's		
Future		

Rev Date Drn Chk'd App'd 30/09/22 PN AD CA ISSUE FOR PHASE 4: PLANNING 30/09/22 Project Code

Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

**AECOM** 

MOTT MACDONALD

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

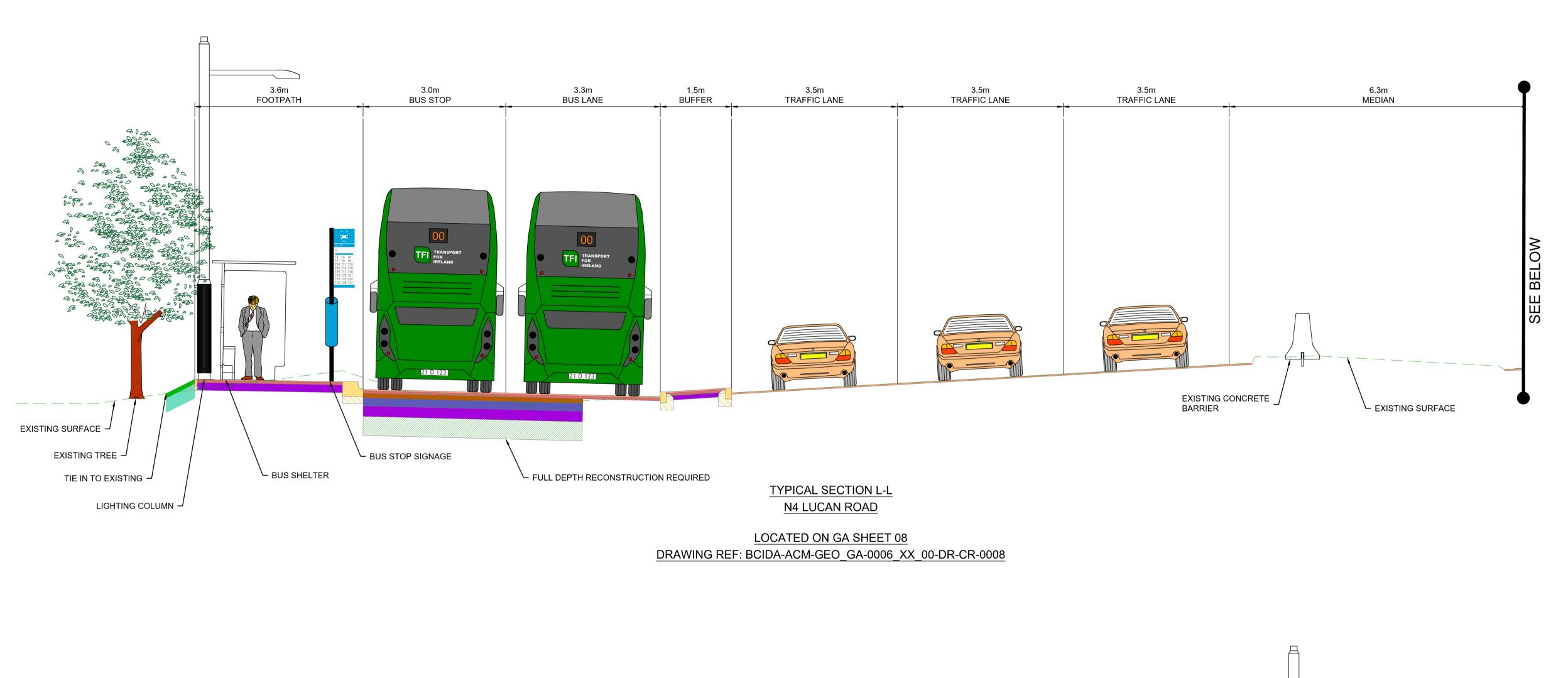
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

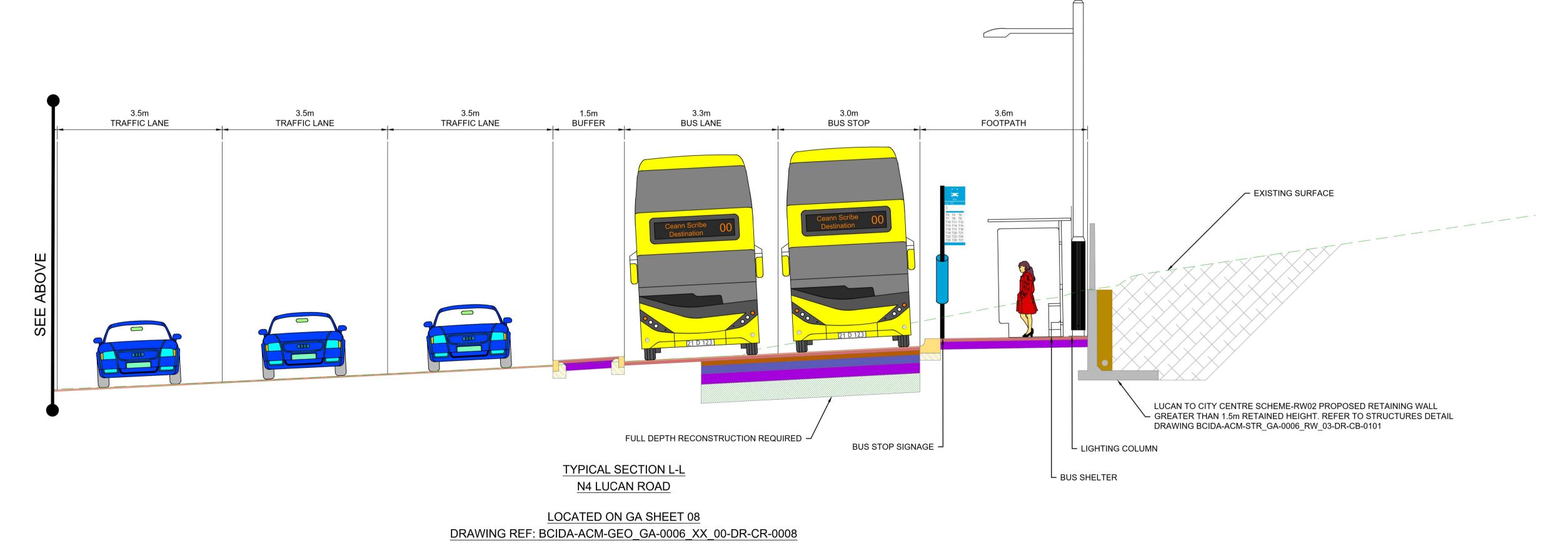
Drawing File Name

BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0008

Sheet Number | Status | 08 of 23 | A

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Rev Date Drn Chk'd App'd Description M01 30/09/22 PN AD CA ISSUE FOR PHASE 4: PLANNING 30/09/22 Project Code **BCIDA** 

Engineering Designer **AECOM** MOTT Údarás Náisiúnta Iompair MACDONALD National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn Checked Approved 1:100 @ A3 P.K.NOKADA A.T.DALE C.ACTON

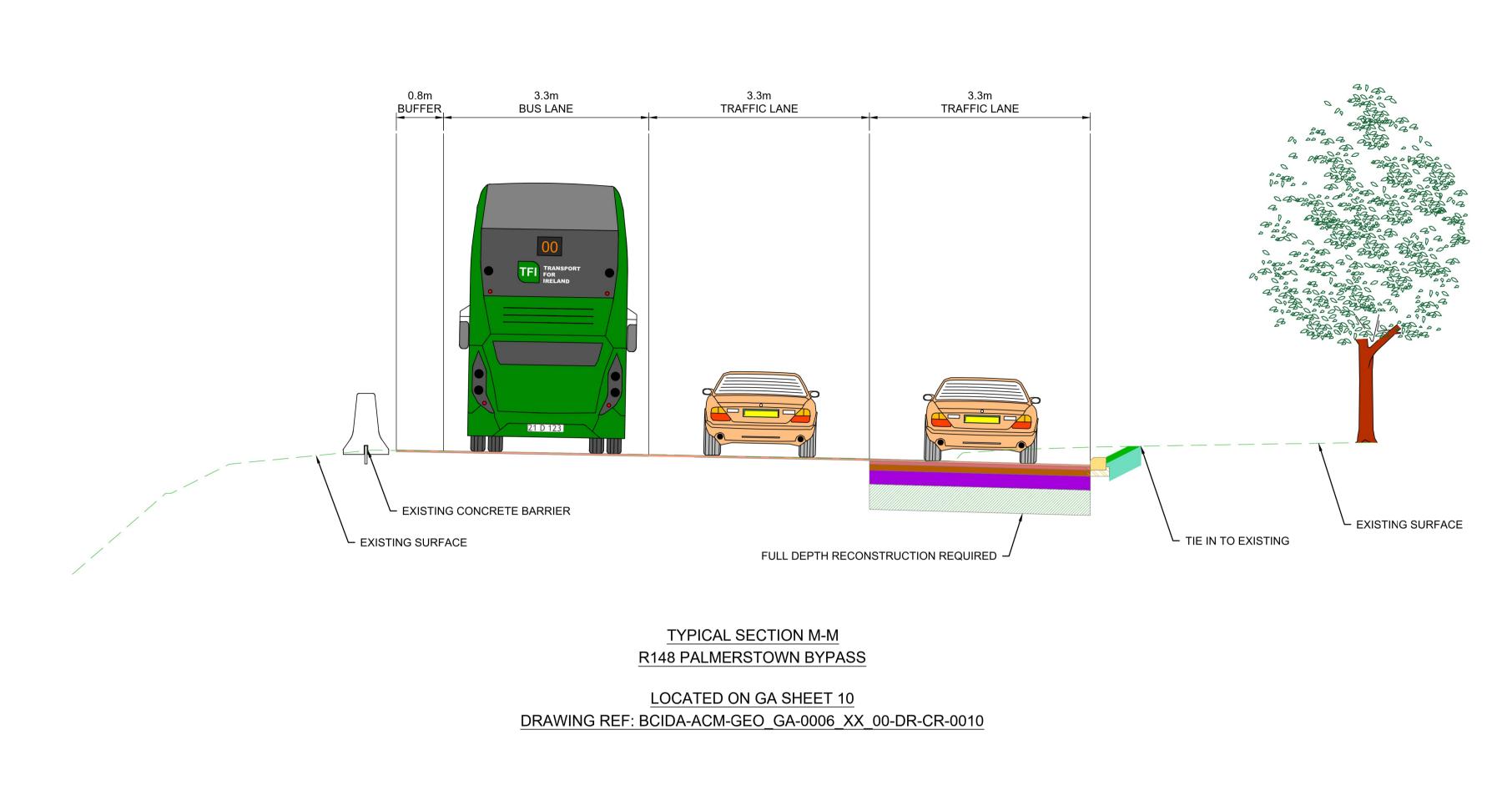
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

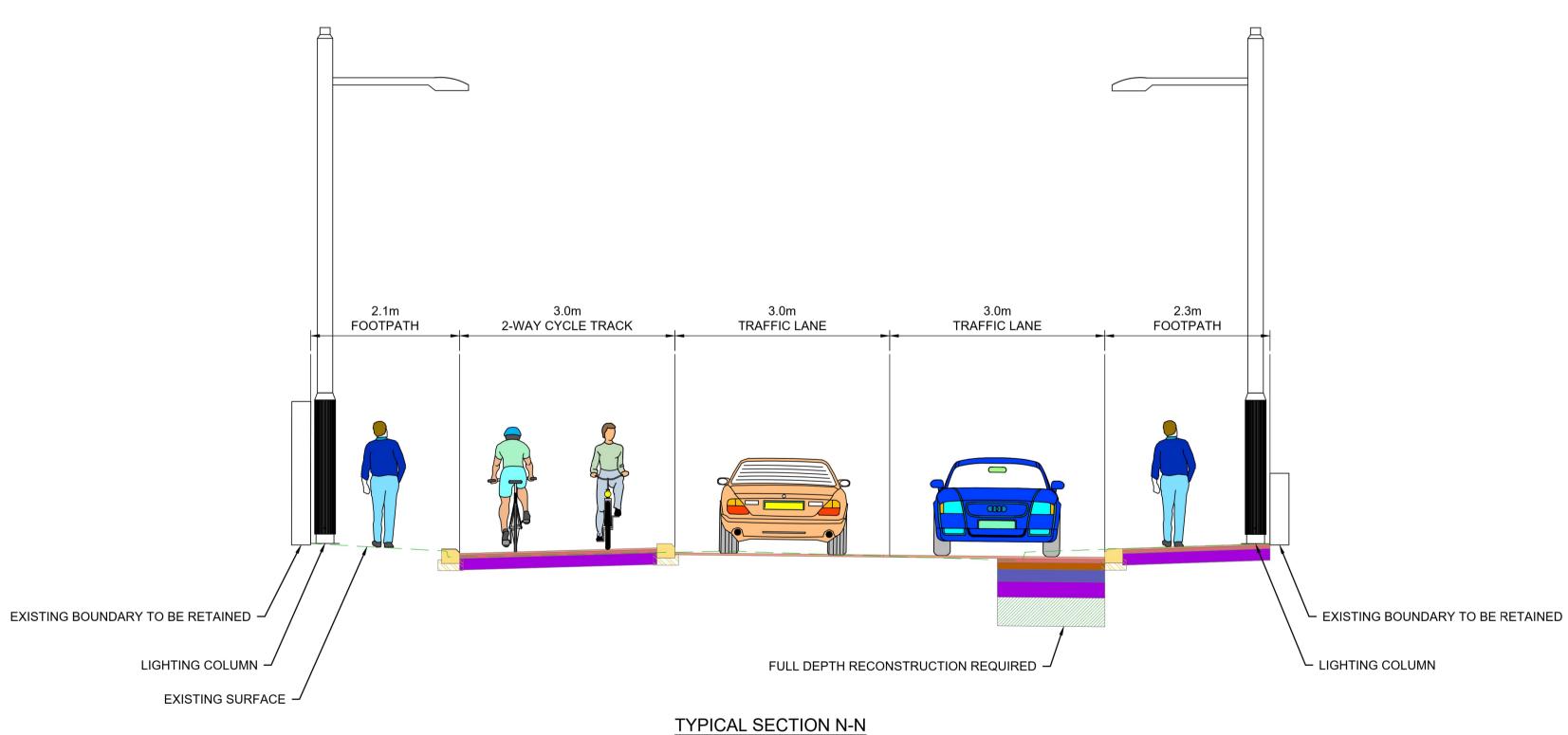
Drawing File Name

BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0009

Sheet Number | Status | O9 of 23 | A

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2040 land's							Date 30/09/22
2							Project Code BCIDA

OLD LUCAN ROAD

LOCATED ON GA SHEET 11

DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0011

# Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

**ACM** 

# Engineering Designer **AECOM**

# MOTT MACDONALD

Checked Approved

# **BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

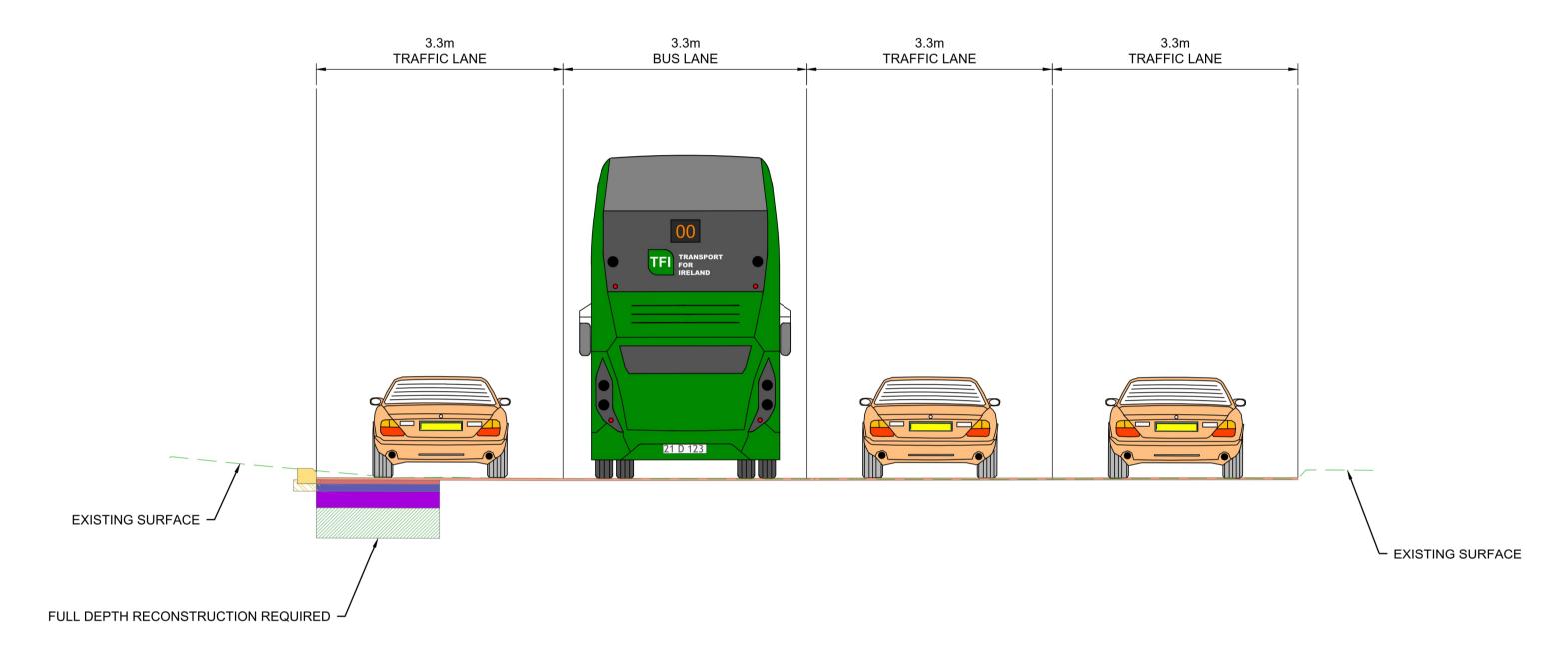
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name

BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0010

Sheet Number | Status | 10 of 23 | A

Originator Code



TYPICAL SECTION O-O R148 PALMERSTOWN BYPASS

LOCATED ON GA SHEET 12 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0012

### NOTES:

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(OSGM15) Malin Head. All Co-ordinates are in Irish

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Date 30/09/22							
Project Code							

Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

Engineering Designer **AECOM** 

MACDONALD Checked Approved

C.ACTON

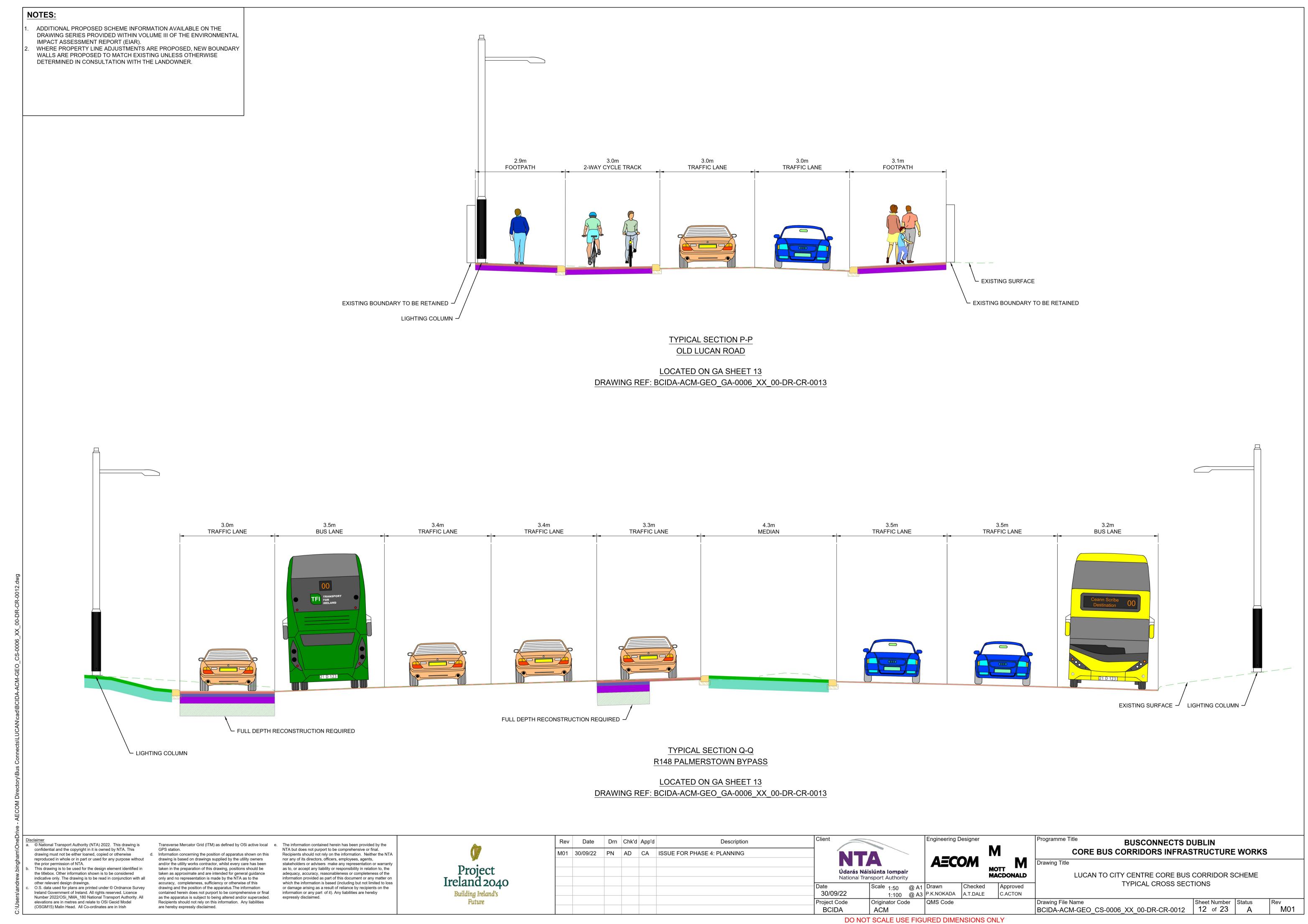
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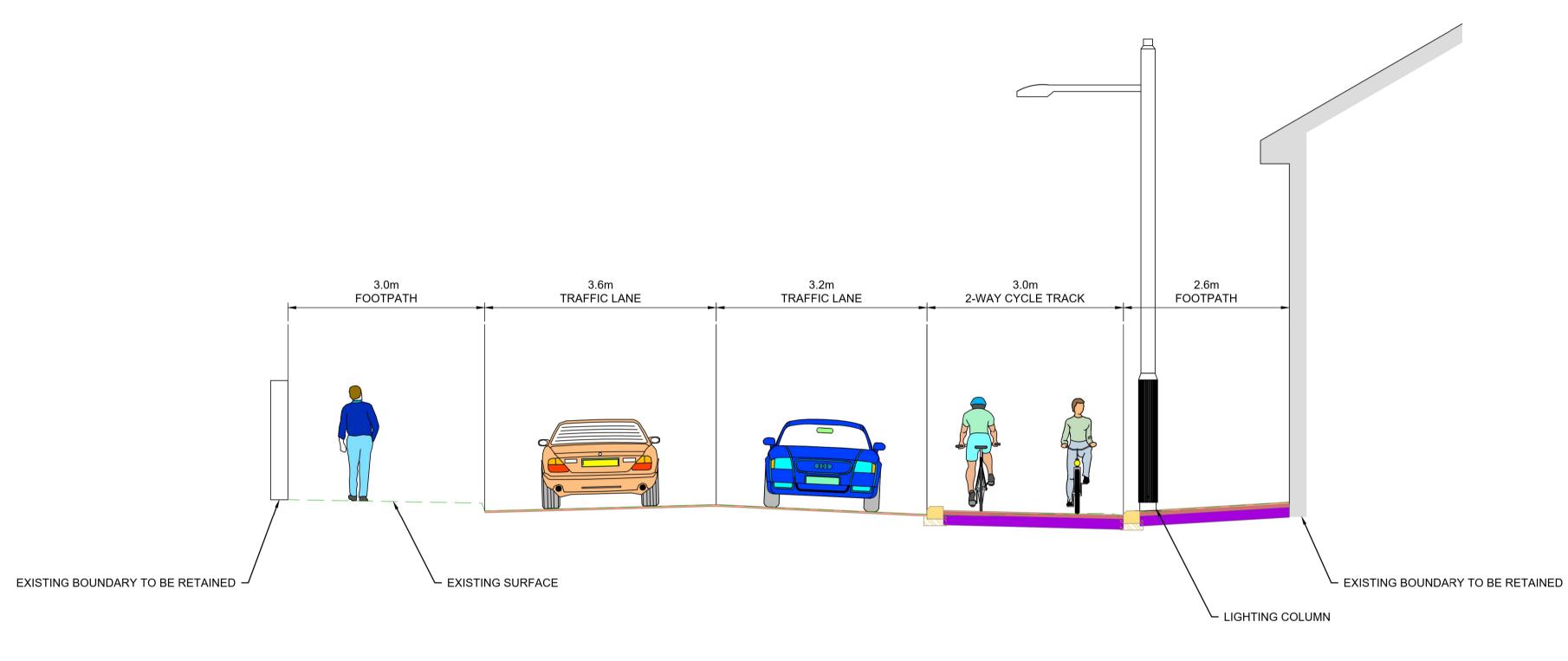
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Sheet Number Status

**BCIDA** ACM DO NOT SCALE USE FIGURED DIMENSIONS ONLY





TYPICAL SECTION R-R KENNELSFORT ROAD LOWER

LOCATED ON GA SHEET 14 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0014

# NOTES:

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(OSGM15) Malin Head. All Co-ordinates are in Irish

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.

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Originator Code

Engineering Designer **AECOM** 

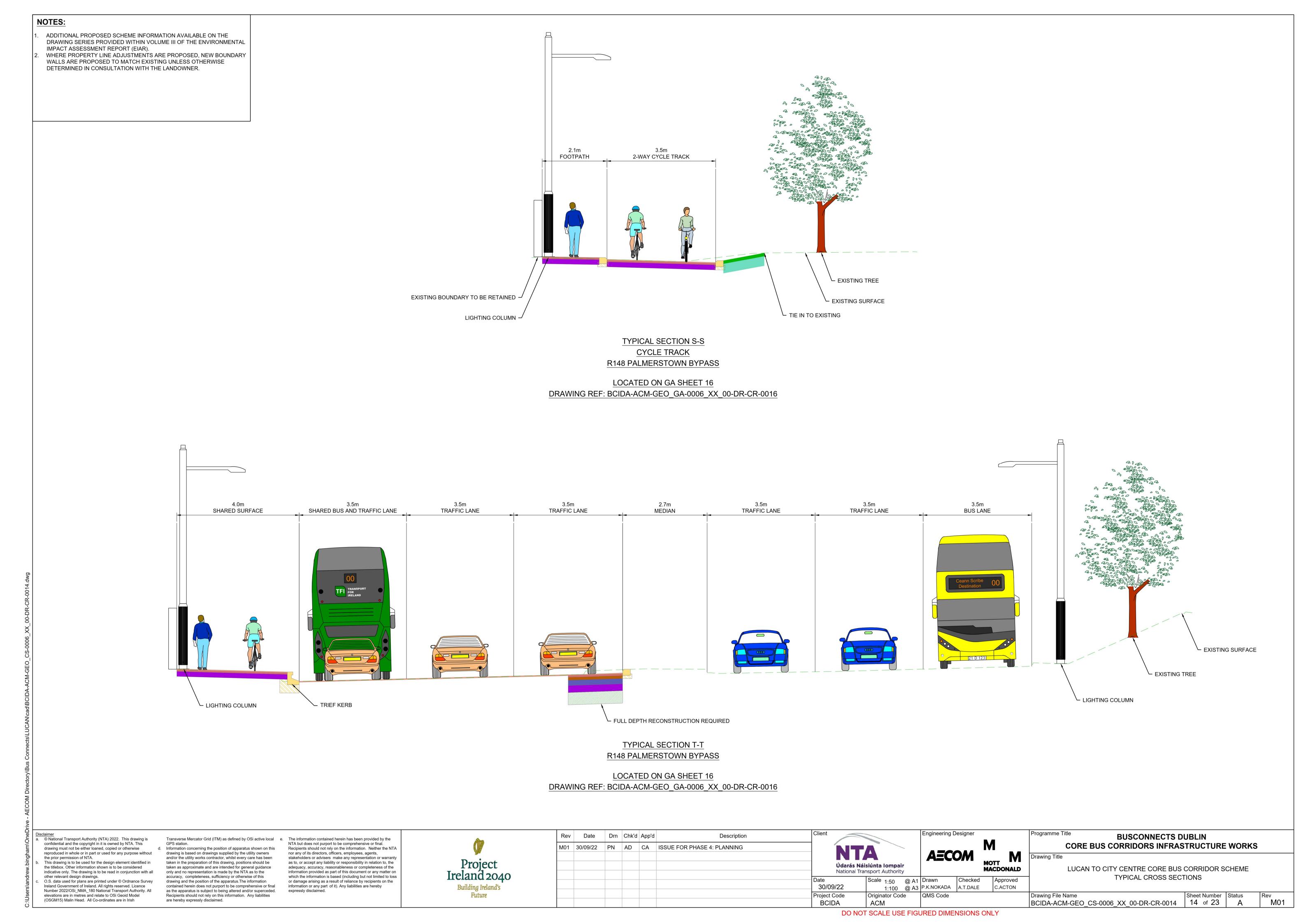
MOTT MACDONALD

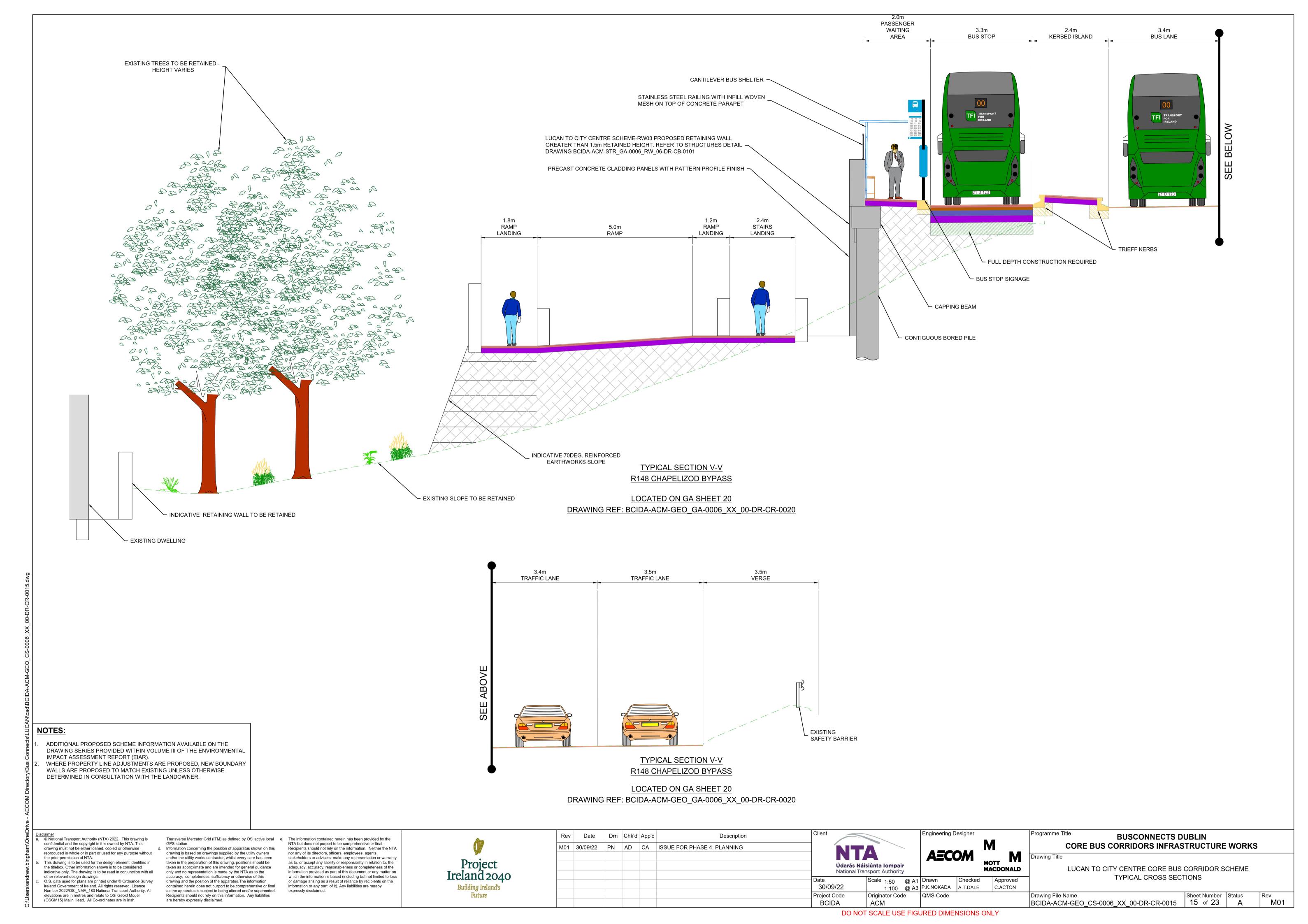
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

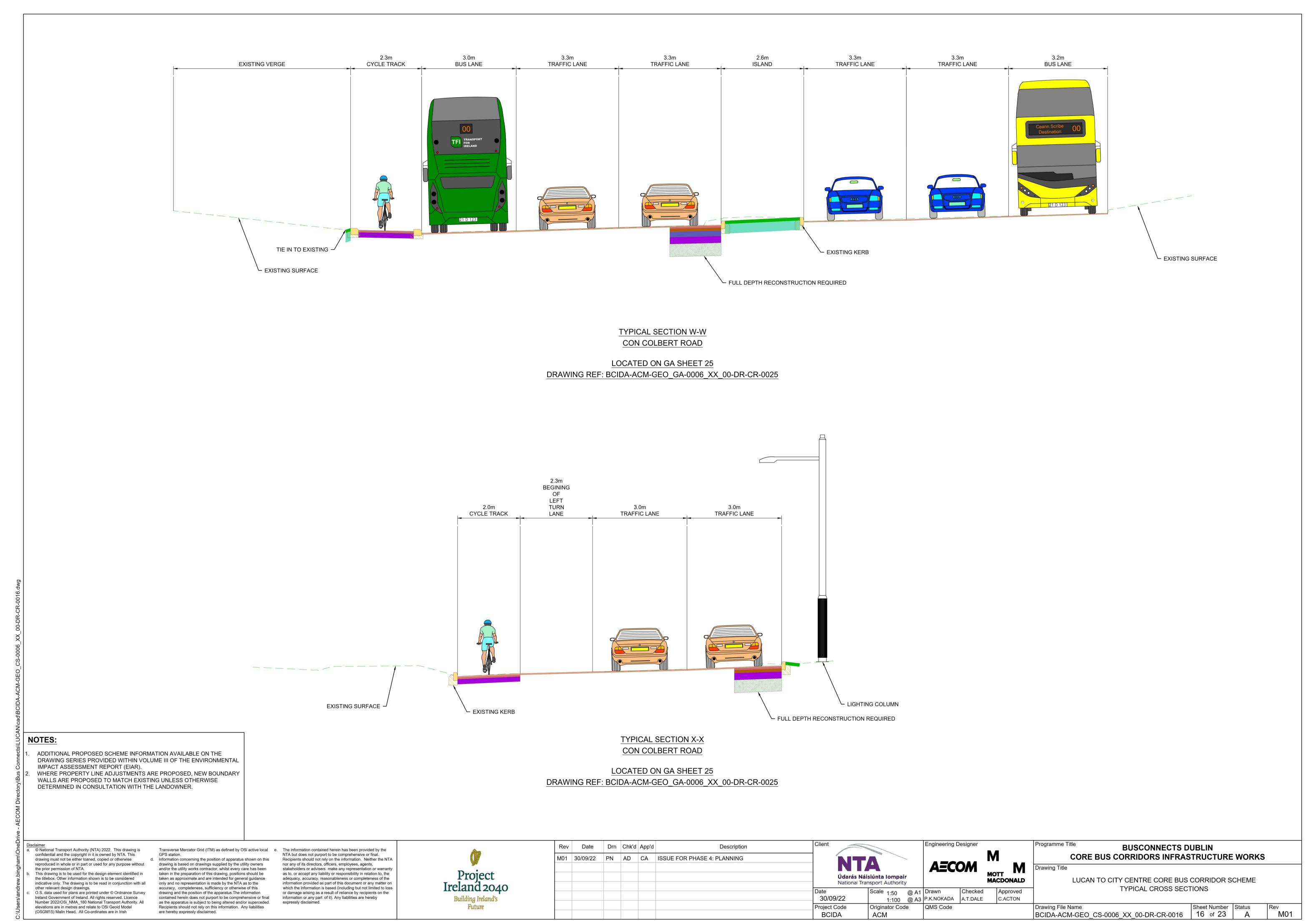
LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

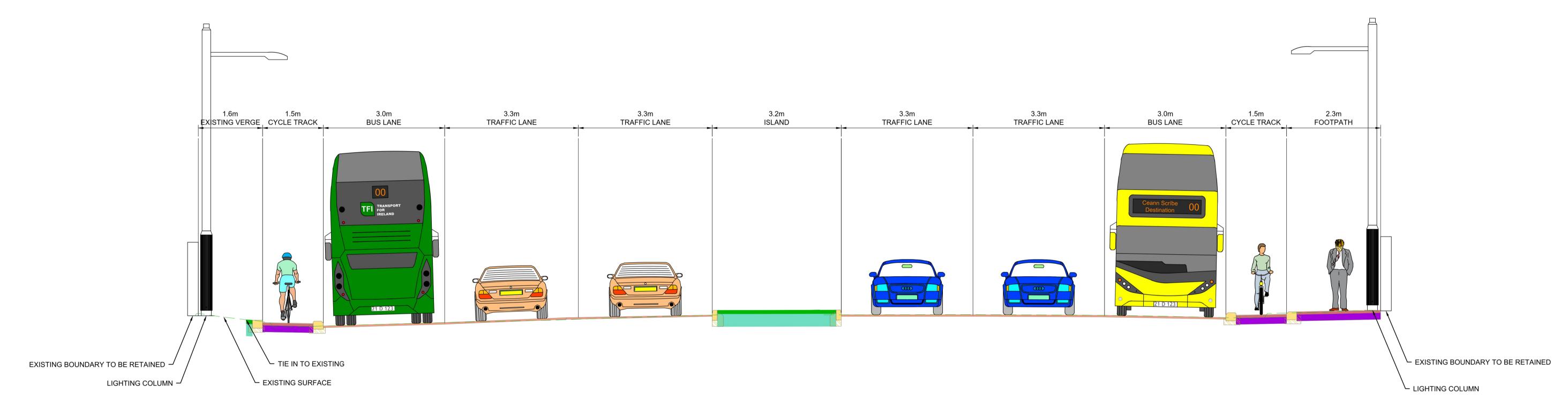
Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0013
Sheet Number | Status | 13 of 23 | A

Checked Approved









TYPICAL SECTION Y-Y R148 CON COLBERT ROAD

LOCATED ON GA SHEET 26 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0026

### NOTES:

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(OSGM15) Malin Head. All Co-ordinates are in Irish

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Client	Description	App'd	Chk'd	Drn	Date	Rev
	ISSUE FOR PHASE 4: PLANNING	CA	AD	PN	30/09/22	M01
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Originator Code

Engineering Designer **AECOM** 

MOTT MACDONALD

Checked Approved

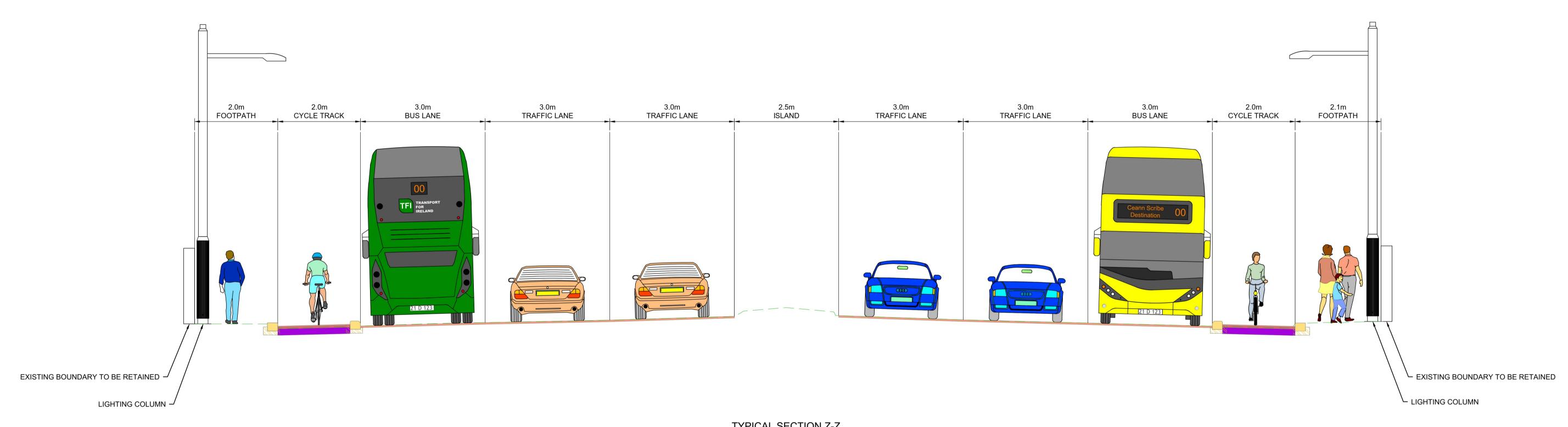
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0017
Sheet Number | Status | 17 of 23 | A

**BCIDA ACM** DO NOT SCALE USE FIGURED DIMENSIONS ONLY

1:100 @ A3 P.K.NOKADA A.T.DALE



TYPICAL SECTION Z-Z CON COLBERT ROAD

LOCATED ON GA SHEET 27 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0027

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(OSGM15) Malin Head. All Co-ordinates are in Irish

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Project						
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Building Ireland's						
Future						

Client	Description	App'd	Chk'd	Drn	Date	Rev
	ISSUE FOR PHASE 4: PLANNING	CA	AD	PN	30/09/22	M01
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Date 30/09/22						
Project Code BCIDA						

Engineering Designer Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

**AECOM** 

MOTT MACDONALD

C.ACTON

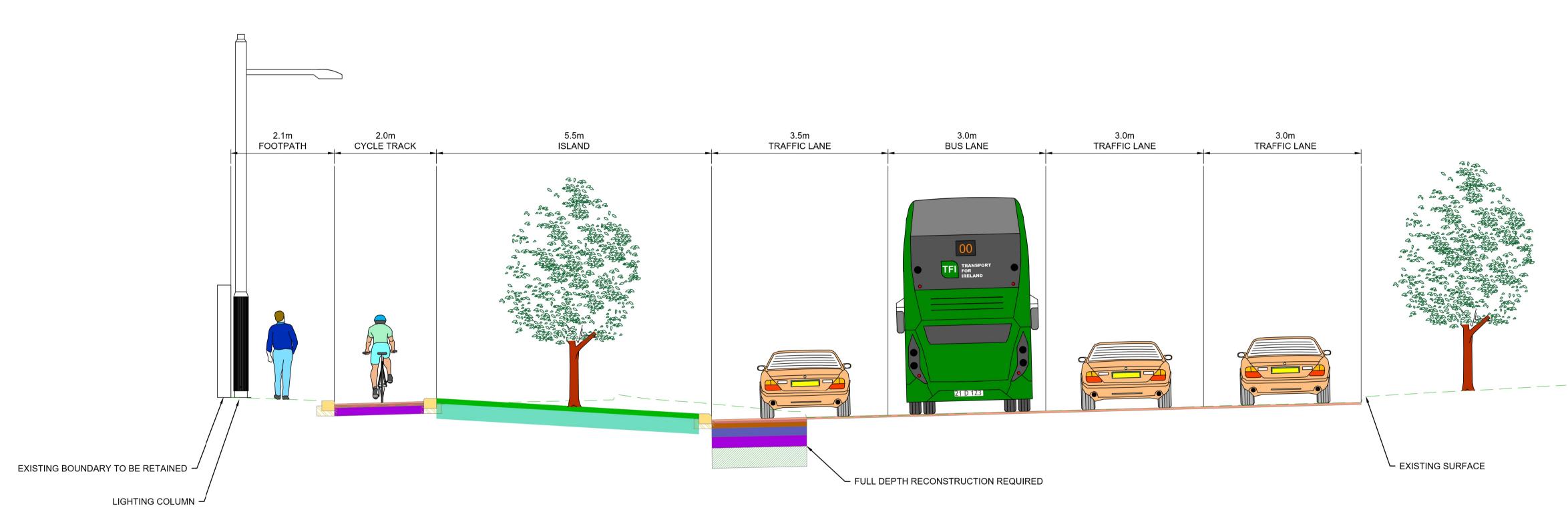
Checked Approved

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0018
Sheet Number | Status | 18 of 23 | A

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

**ACM** DO NOT SCALE USE FIGURED DIMENSIONS ONLY



TYPICAL SECTION AA-AA CON COLBERT ROAD EASTBOUND

LOCATED ON GA SHEET 28 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0028

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Project
Ireland 2040
Building Ireland's
Future

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Originator Code

# Engineering Designer **AECOM**

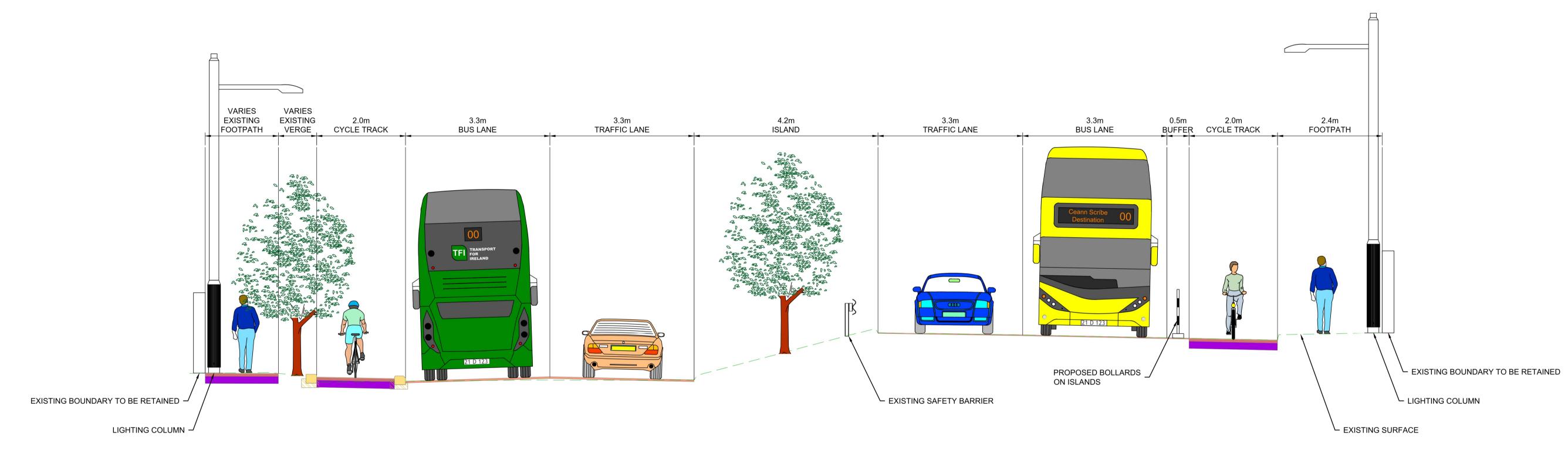
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# MOTT MACDONALD

# **BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0019
Sheet Number | Status | 19 of 23 | A



TYPICAL SECTION AB-AB R148 ST. JOHN'S ROAD WEST

LOCATED ON GA SHEET 29 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0029

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(OSGM15) Malin Head. All Co-ordinates are in Irish

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Originator Code

# Engineering Designer **AECOM**

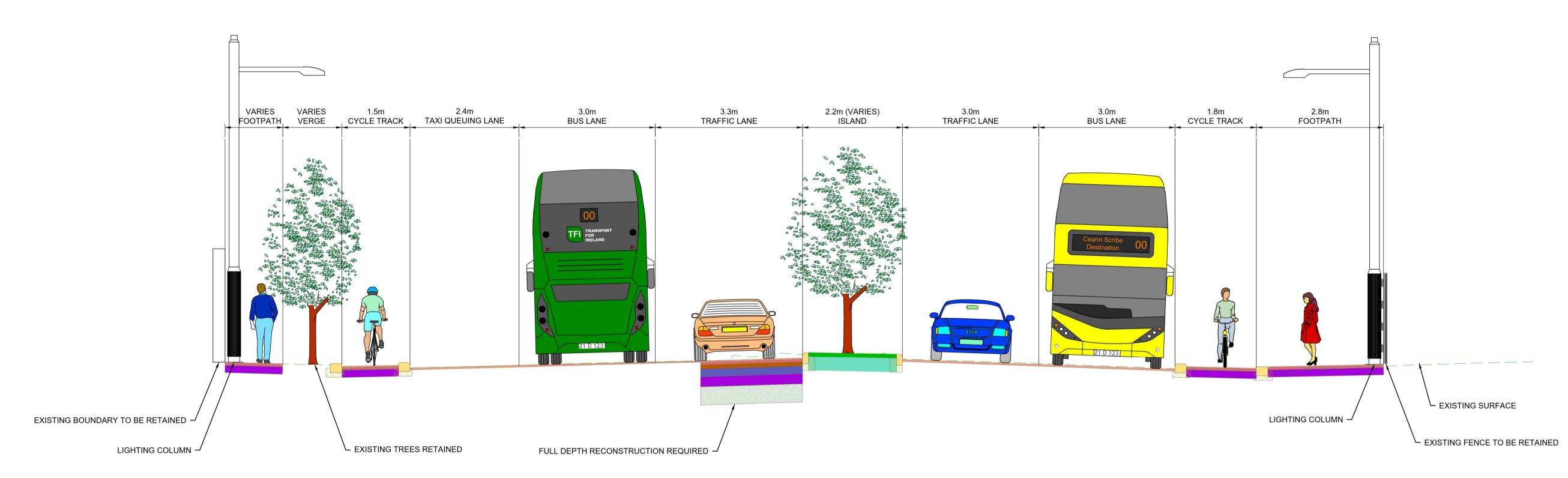
# MOTT MACDONALD

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0020
Sheet Number 20 of 23 A

**BCIDA ACM** DO NOT SCALE USE FIGURED DIMENSIONS ONLY



TYPICAL SECTION AC-AC R148 ST. JOHN'S ROAD WEST

LOCATED ON GA SHEET 30 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0030

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Client	Description	k'd App'd	Chk'd	Drn	Date	Rev
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Date 30/09/22						
Project Code BCIDA						

Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

Engineering Designer **AECOM** 

MOTT MACDONALD

Checked Approved

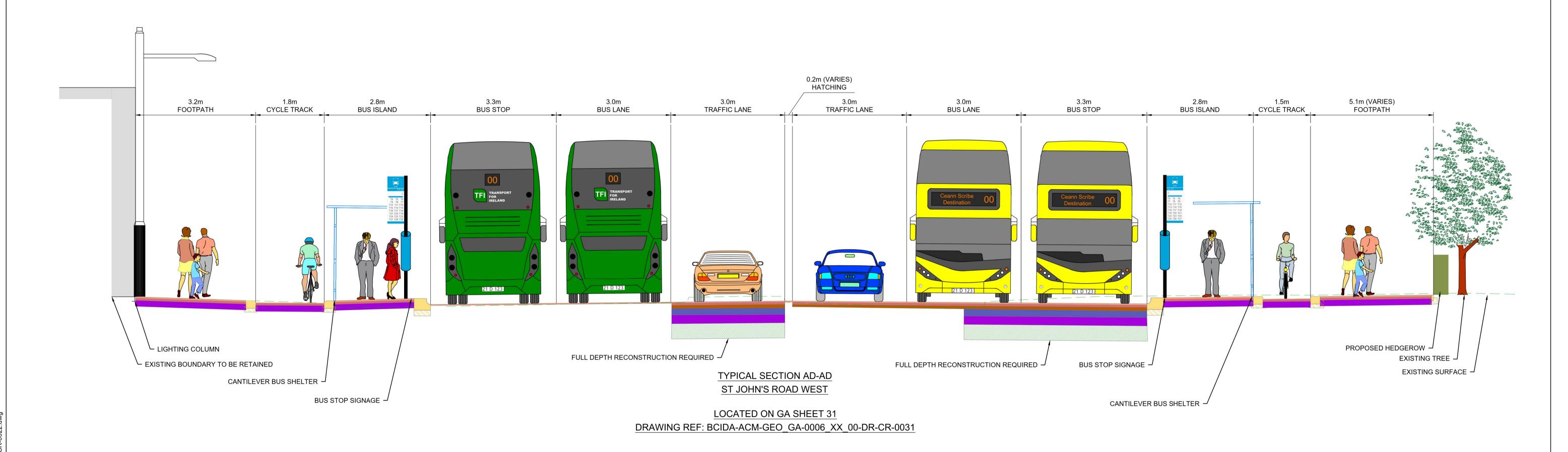
**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name

BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0021

Sheet Number Status 21 of 23 A



## NOTES:

ADDITIONAL PROPOSED SCHEME INFORMATION AVAILABLE ON THE DRAWING SERIES PROVIDED WITHIN VOLUME III OF THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT (EIAR).

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(OSGM15) Malin Head. All Co-ordinates are in Irish

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Project Ireland 2040
Building Ireland's Future

	ISSUE FOR PHASE 4: PLANNING	CA	AD	PN	30/09/22	M01
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Údara						
Natio						
Date 30/09/22						
Project Code						
DOID A						

Description

Rev Date Drn Chk'd App'd

Engineering Designer **AECOM** Scale <sub>1:50</sub> @ A1 Drawn Checked Approved

**MACDONALD** 

C.ACTON

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS

LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME TYPICAL CROSS SECTIONS

Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0022
Sheet Number 22 of 23 A

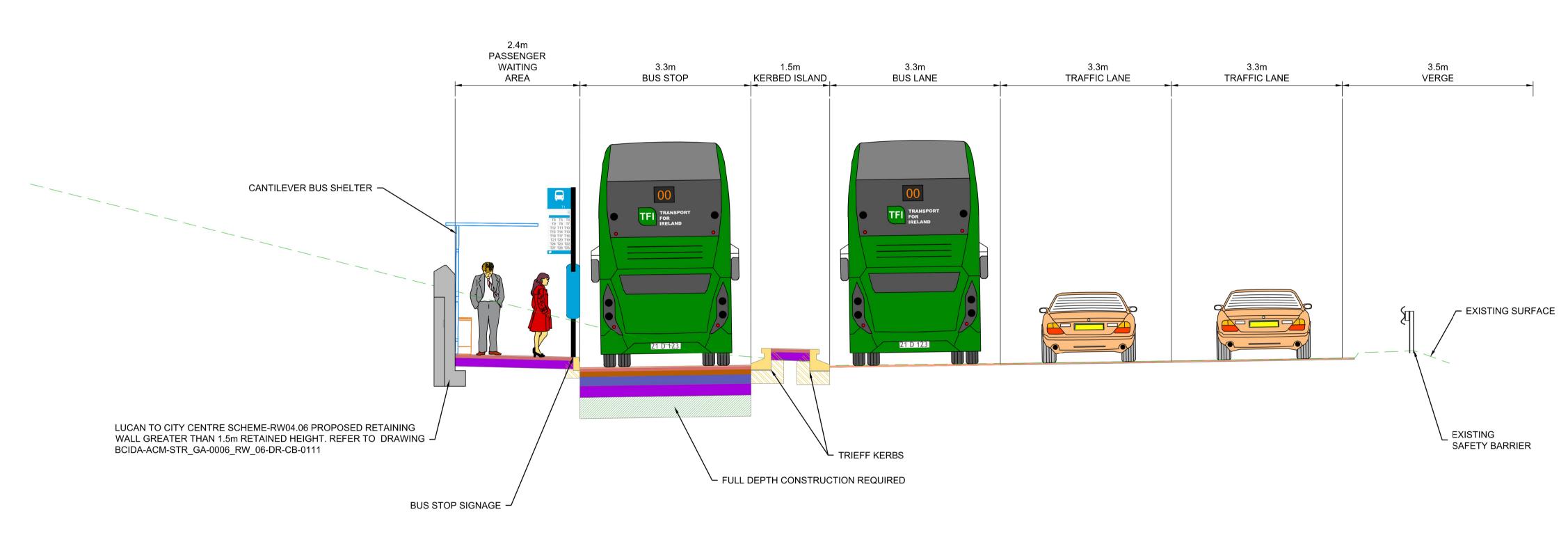
**BCIDA ACM** DO NOT SCALE USE FIGURED DIMENSIONS ONLY

1:100 @ A3 P.K.NOKADA A.T.DALE

Údarás Náisiúnta Iompair

National Transport Authority

Originator Code



TYPICAL SECTION U-U R148 CHAPELIZOD BYPASS

LOCATED ON GA SHEET 20 DRAWING REF: BCIDA-ACM-GEO\_GA-0006\_XX\_00-DR-CR-0020

## NOTES:

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- 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
- 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.
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Project
Ireland 2040
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	Rev	Date	Drn	Chk'd	App'd	Description	Client
	M01	30/09/22	PN	AD	CA	ISSUE FOR PHASE 4: PLANNING	
roject							Údará
and 2040							Nation Date
lding Ireland's							30/09/22
Future							Project Code

Údarás Náisiúnta Iompair National Transport Authority Scale <sub>1:50</sub> @ A1 Drawn

Originator Code

Engineering Designer **AECOM** 

MOTT MACDONALD

**BUSCONNECTS DUBLIN** CORE BUS CORRIDORS INFRASTRUCTURE WORKS LUCAN TO CITY CENTRE CORE BUS CORRIDOR SCHEME

TYPICAL CROSS SECTIONS Checked Approved Drawing File Name
BCIDA-ACM-GEO\_CS-0006\_XX\_00-DR-CR-0023
Sheet Number Status 23 of 23 A

1:100 @ A3 P.K.NOKADA A.T.DALE