

# Newlands Cross Upgrade Scheme



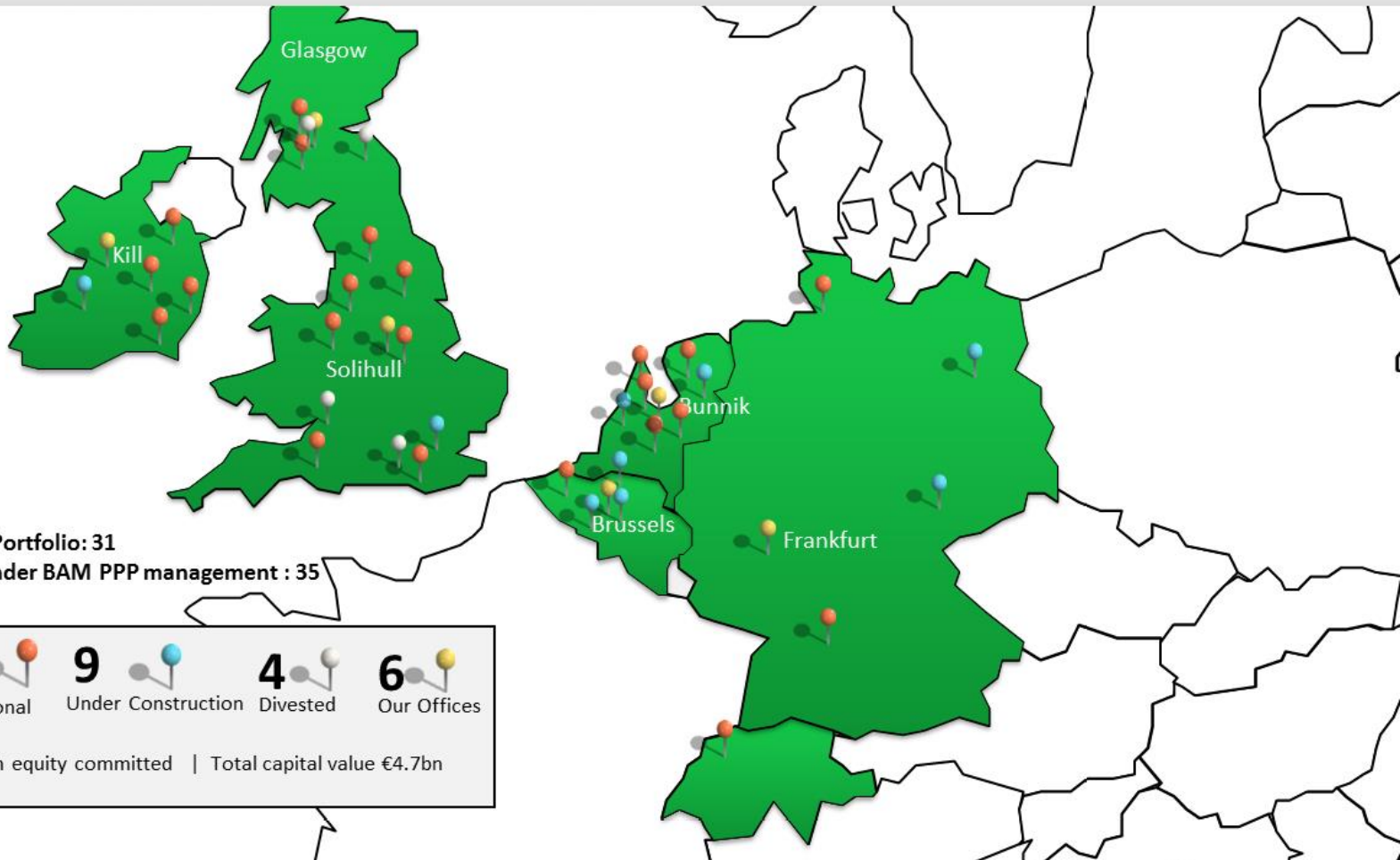
**South Dublin County Council**

**Strategic Policy Committee**

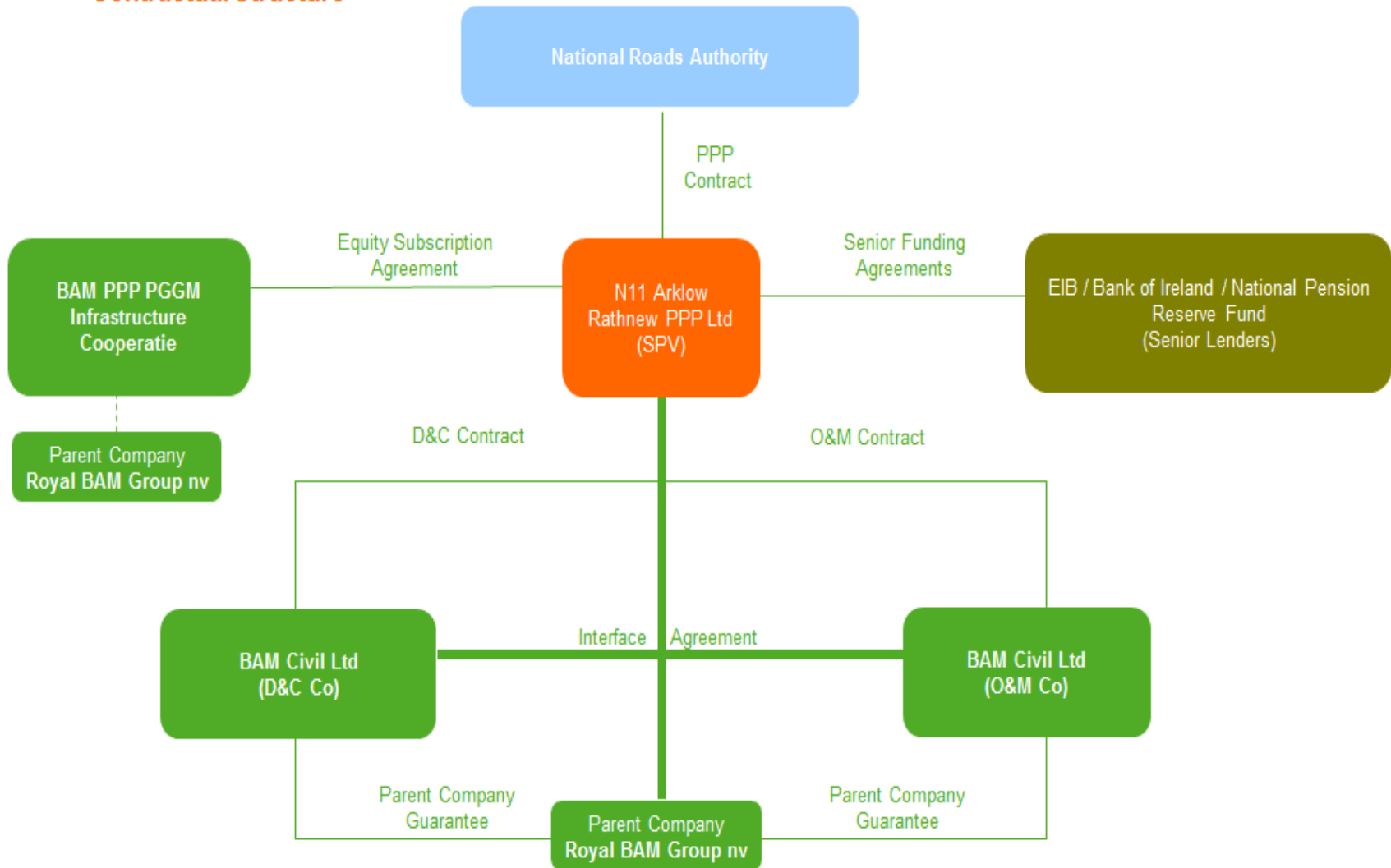
**5<sup>th</sup> September 2013**

- Introductions
- Description of the Works
- Traffic Management Phasing
- Speed Limits
- Road Safety Audits
- Emergency Arrangements

## Portfolio of Concessions



## Contractual Structure



# Description of Newlands Cross Upgrade Works

Grade Separated Junction at Newlands Cross

3 Lane Dual Carriageway from M50 to west of Boot Road

Signalised junction on R113 Belgard / Fonthill Road

Signalised Junction at Newlands Golf Club

Utility Diversions

Bus Lanes

Pedestrian / cyclist facilities

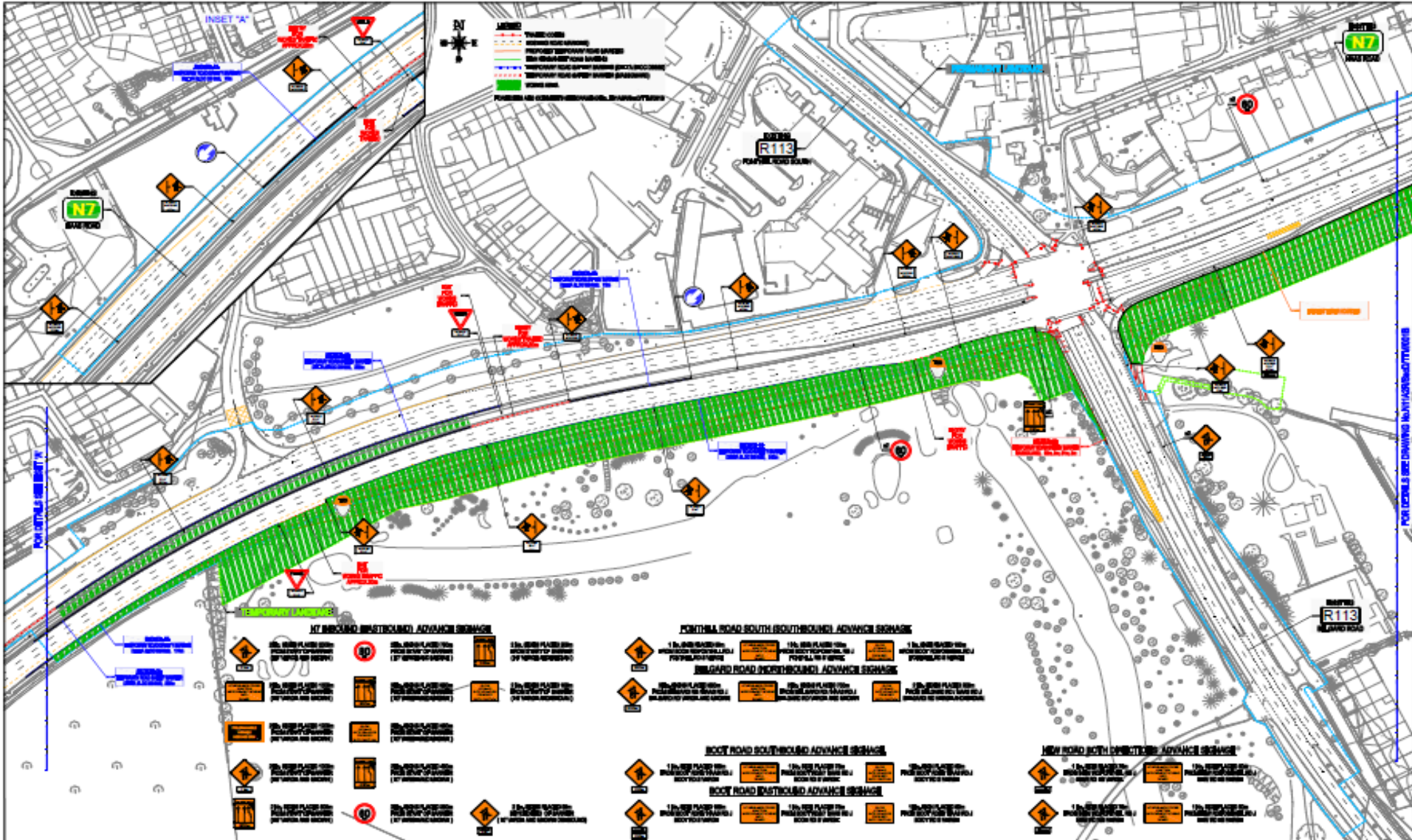
Fencing / Safety barrier / Drainage

ITS Equipment / Traffic Signalling

# Programme

Construction carried out in 6 major TM phases

- Phase 1 – June to Nov'13
- Phase 2 – Nov'13 to Feb'14
- Phase 3 – Feb'14 to Aug '14
- Phase 4 – Aug '14 to Oct '14
- Phase 5 – Oct '14 to Dec '14
- Phase 6 – Dec '14 to Jan '15



**IT BOUNDARY WESTBOUND ADVANCE SIGNAGE**



**FORTHNA ROAD SOUTH SOUTHBOUND ADVANCE SIGNAGE**



**BELGARD ROAD NORTHBOUND ADVANCE SIGNAGE**



**ROOF ROAD SOUTHBOUND ADVANCE SIGNAGE**



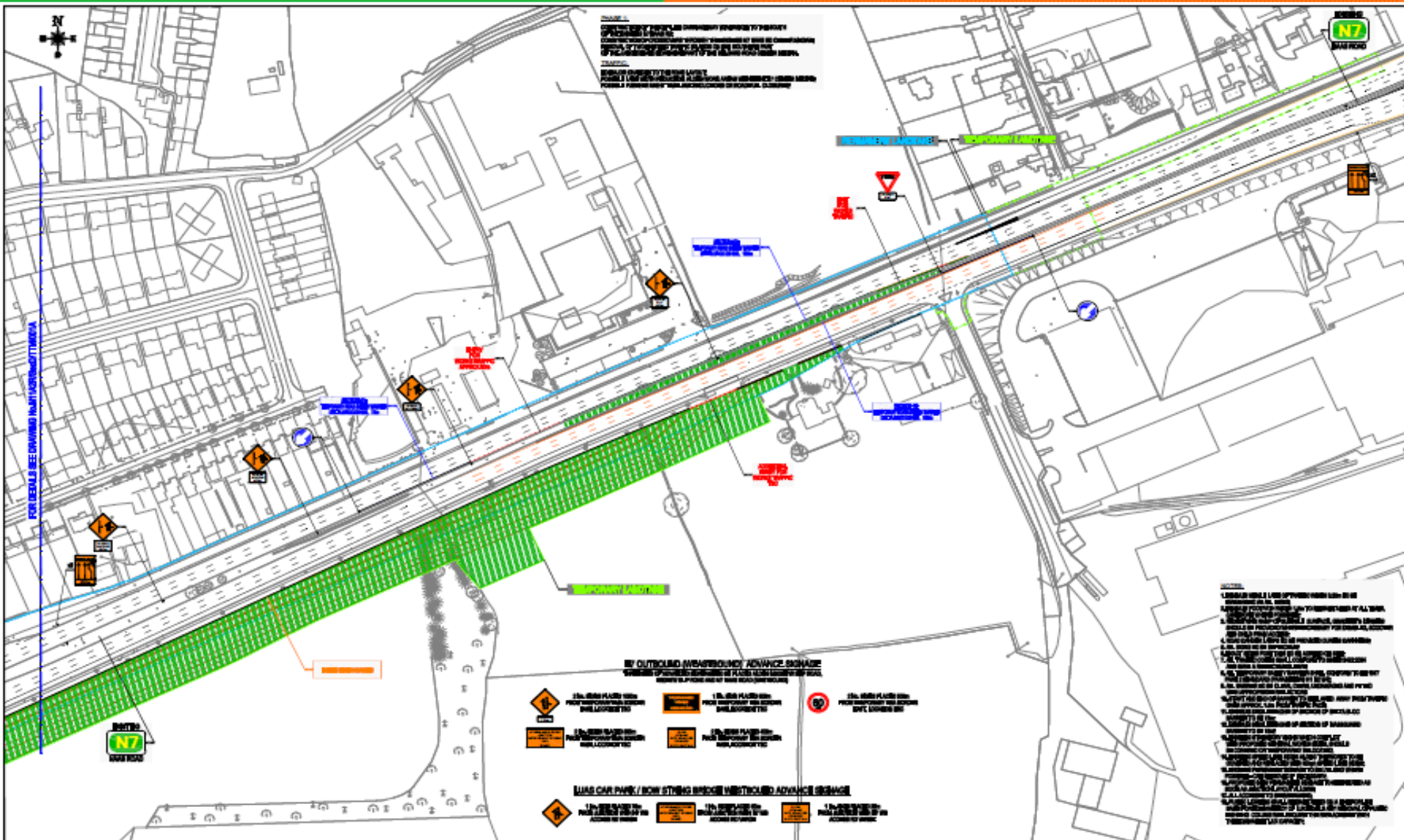
**ROOF ROAD WESTBOUND ADVANCE SIGNAGE**



**NEW ROAD BOTH DIRECTIONS ADVANCE SIGNAGE**



# Phase 1 (cont.)





Phase 1 Works looking East  
Temporary Lanes under  
Construction



Bewleys Hotel

Dublin

Naas

# Phase 1 Works looking West Temporary Lanes under Construction



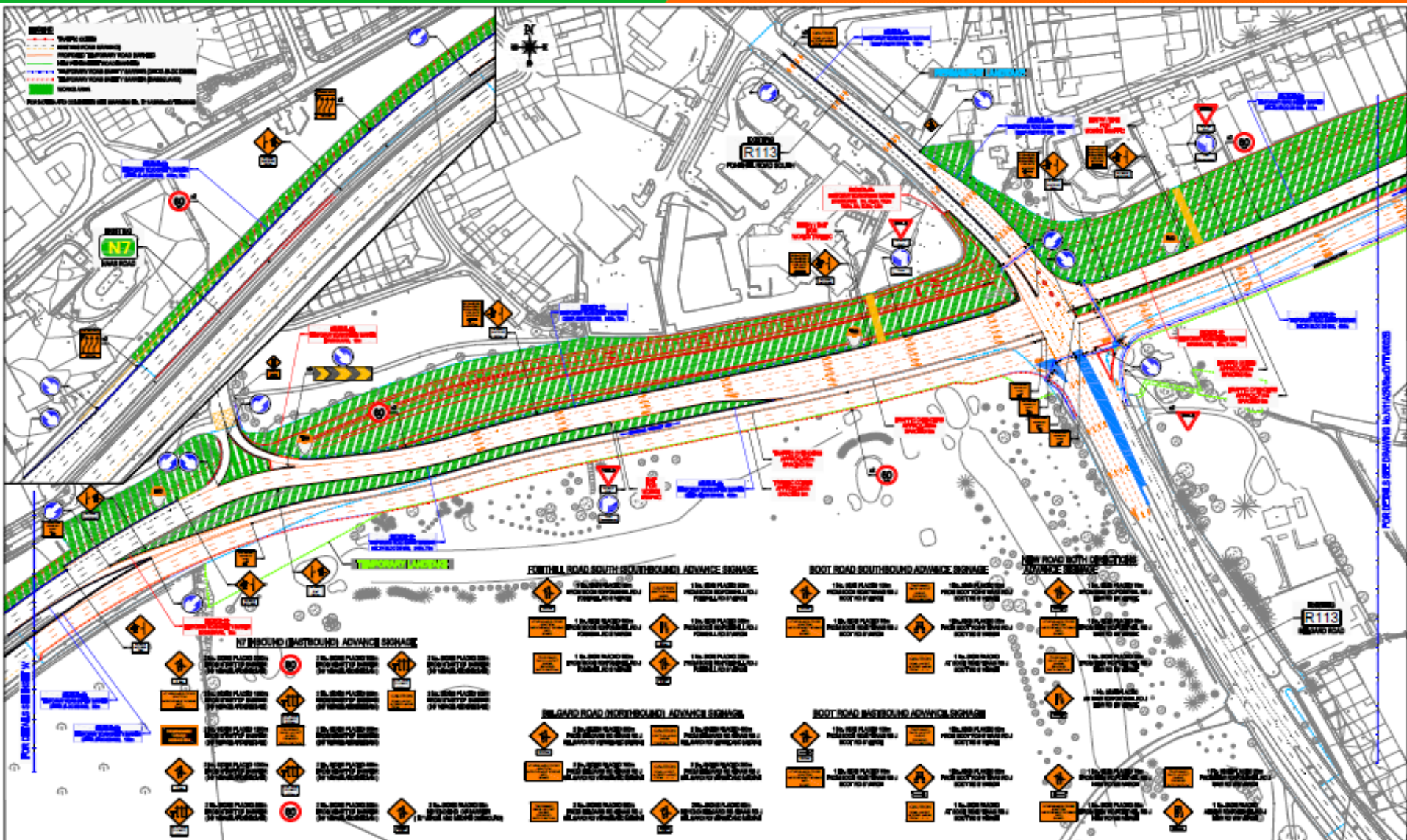
Joels / Louis  
Fitzgerald Hotel

Naas

Dublin

# Phase 1 Works looking West Temporary Lanes under Construction





Design	Drawn	Checked	Approved

**Traffic Management Design Ltd**  
 Unit 13, Newcourt Shopping Centre,  
 Church Street, Cavon Town,  
 Co. Cavan, Ireland.  
 Tel: +353 (0) 49 4325140  
 Mob: +353 (0) 86 0442650  
 Web: www.trafficmanagementdesignltd.com  
 E-mail: info@trafficmanagementdesignltd.com

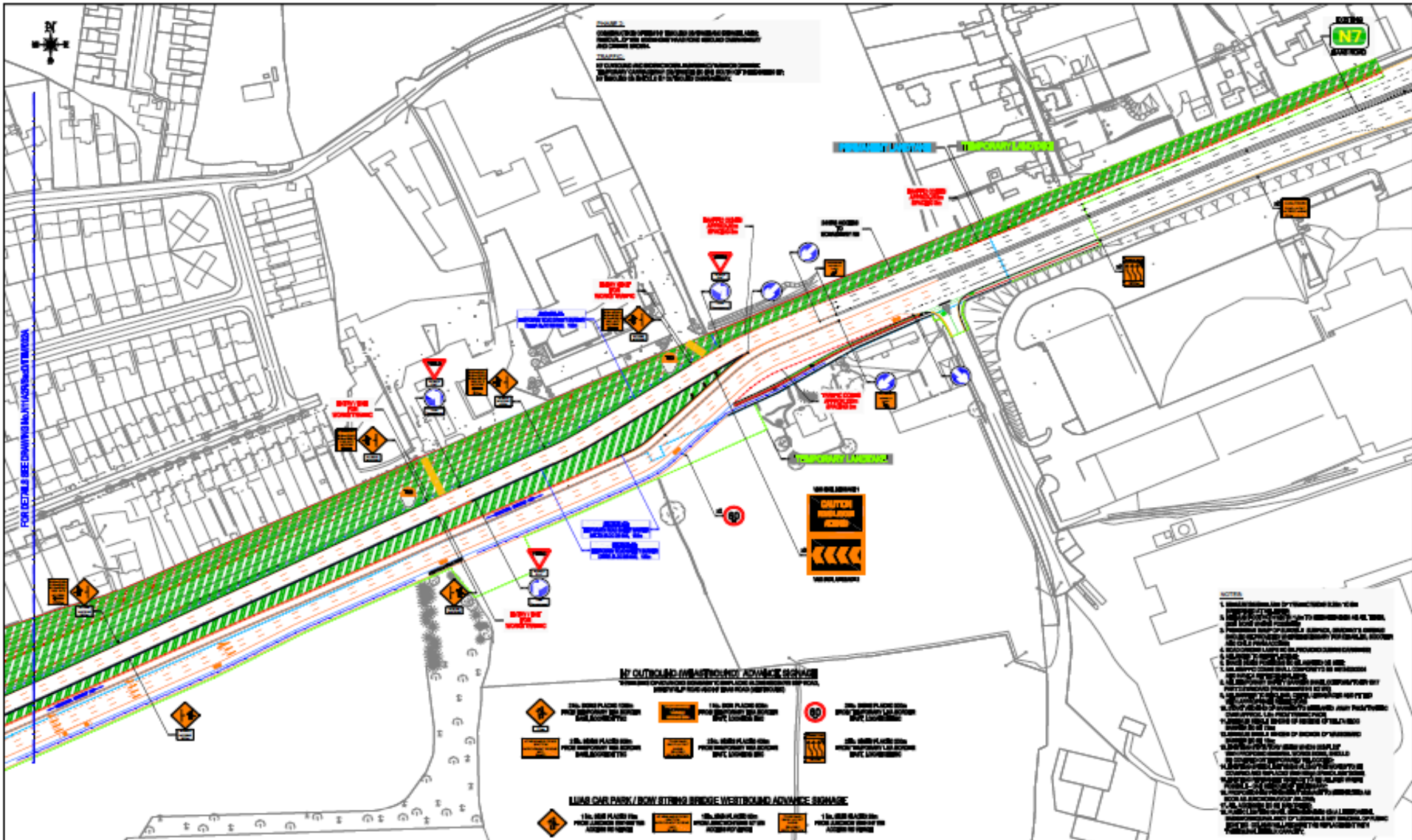
**BAM**

**NEWLANDS CROSS**

TEMPORARY TRAFFIC MANAGEMENT LAYOUT  
 FOR N7 NEWLANDS CROSS JUNCTION  
 PHASE 2 ( SHEET 1 of 2)

Project No:	13 CP022
Sheet No:	0
Date:	13.04

# Phase 2 (cont.)



Design No.	Rev.	Description	Date



**Traffic Management Design Ltd.**  
 Unit 13, Newcourt Shopping Centre,  
 Church Street, Cavon Town,  
 Co. Cavan, Ireland.  
 Tel: +353 (0) 46 4325140  
 Mob: +353 (0) 86 0442600  
 Web: [www.trafficdesignjournalsigns.com](http://www.trafficdesignjournalsigns.com)  
 E-mail: [info@trafficdesignjournalsigns.com](mailto:info@trafficdesignjournalsigns.com)

Project Name		Scale	
NEWLANDS CROSS		1:1000	
Project No.		Drawing No.	
		13 CP0003	
Project Date		Drawing Date	
Project Location		Drawing Title	
		TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR N7 NEWLANDS CROSS JUNCTION PHASE 2 ( SHEET 2 of 2)	
Project Manager		Drawing Author	
Project Engineer		Drawing Checker	
Project Designer		Drawing Date	
Project Drafter		Drawing Scale	

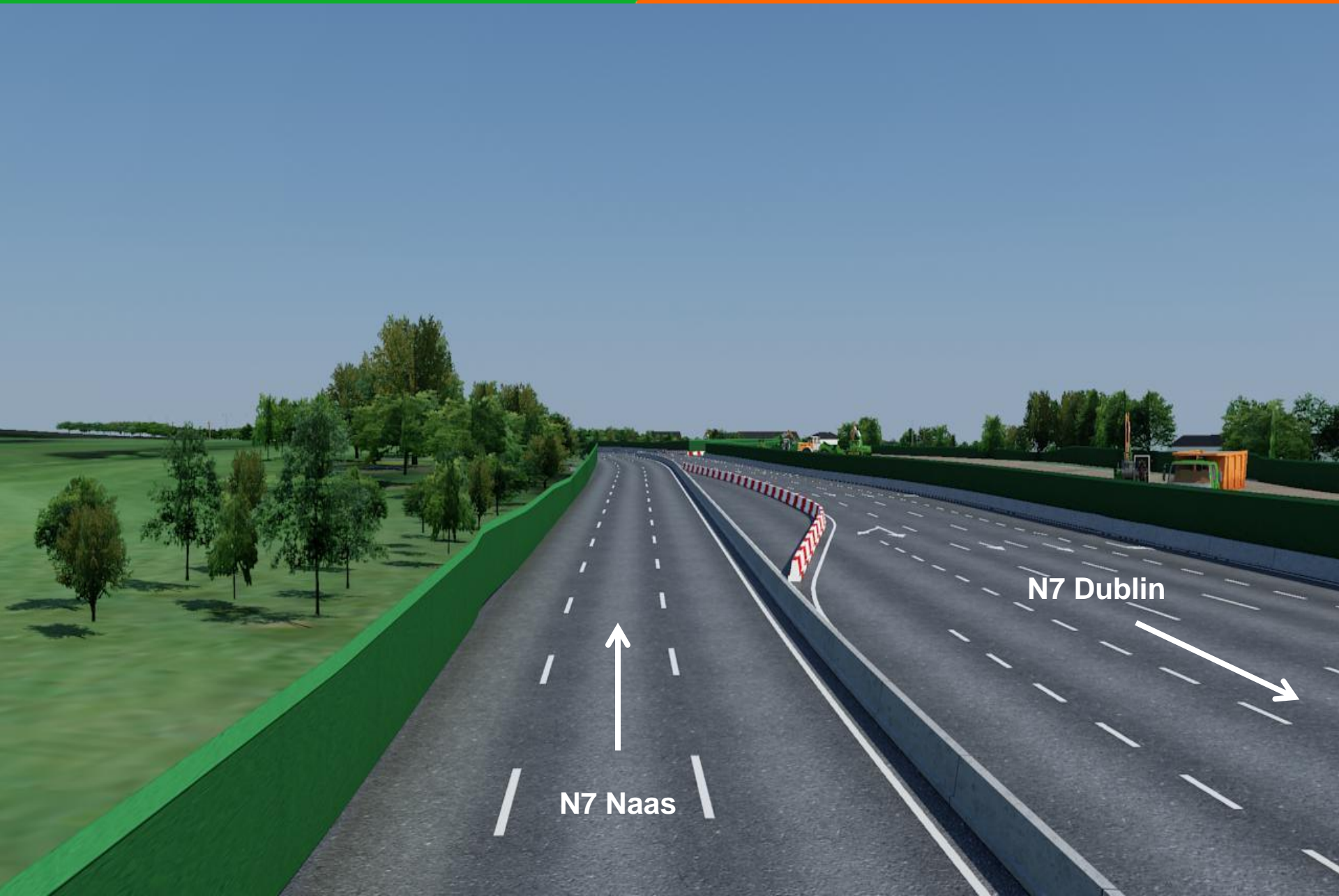


N7 Naas



N7 Naas

N7 Dublin







N7 Dublin

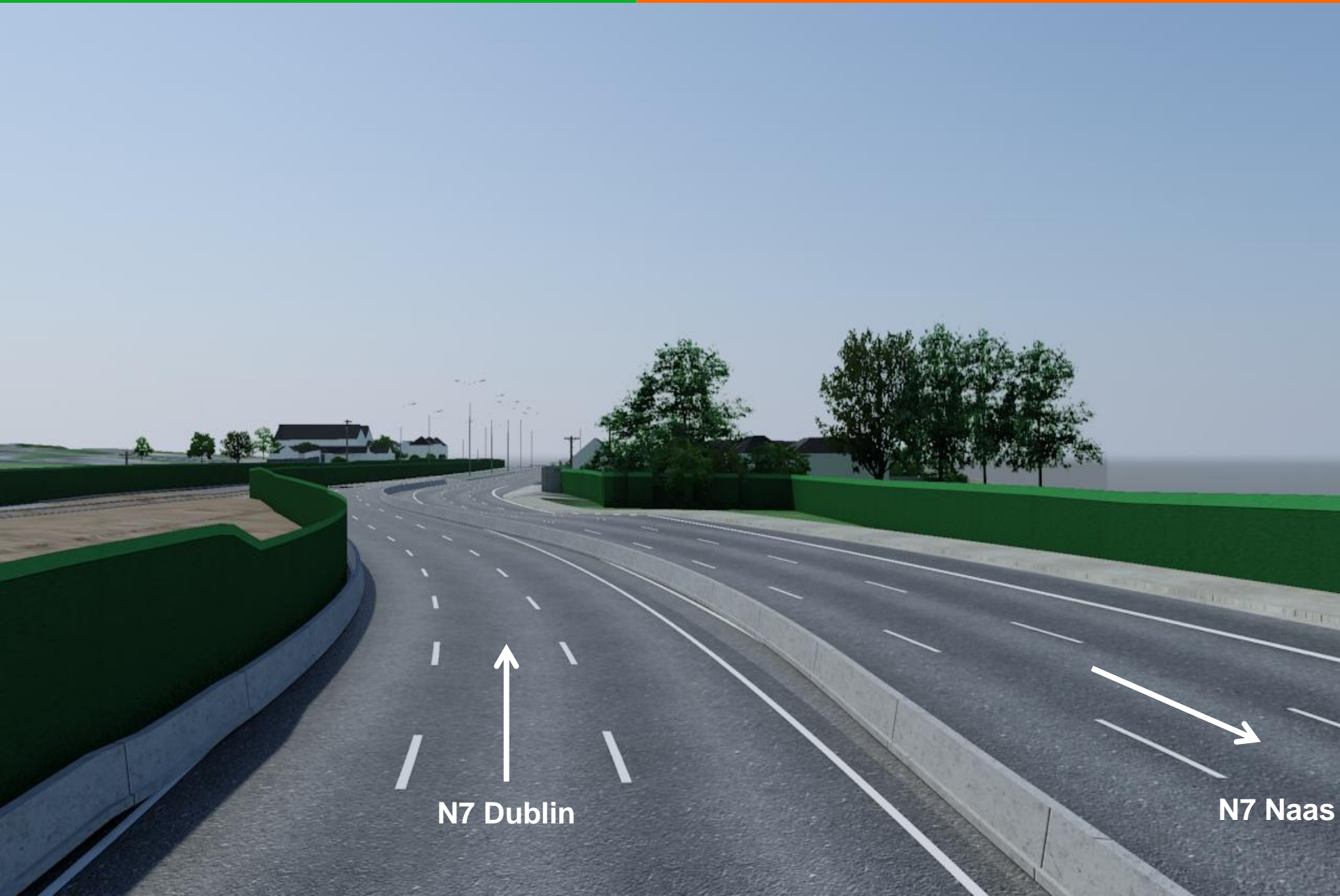


N7 Dublin



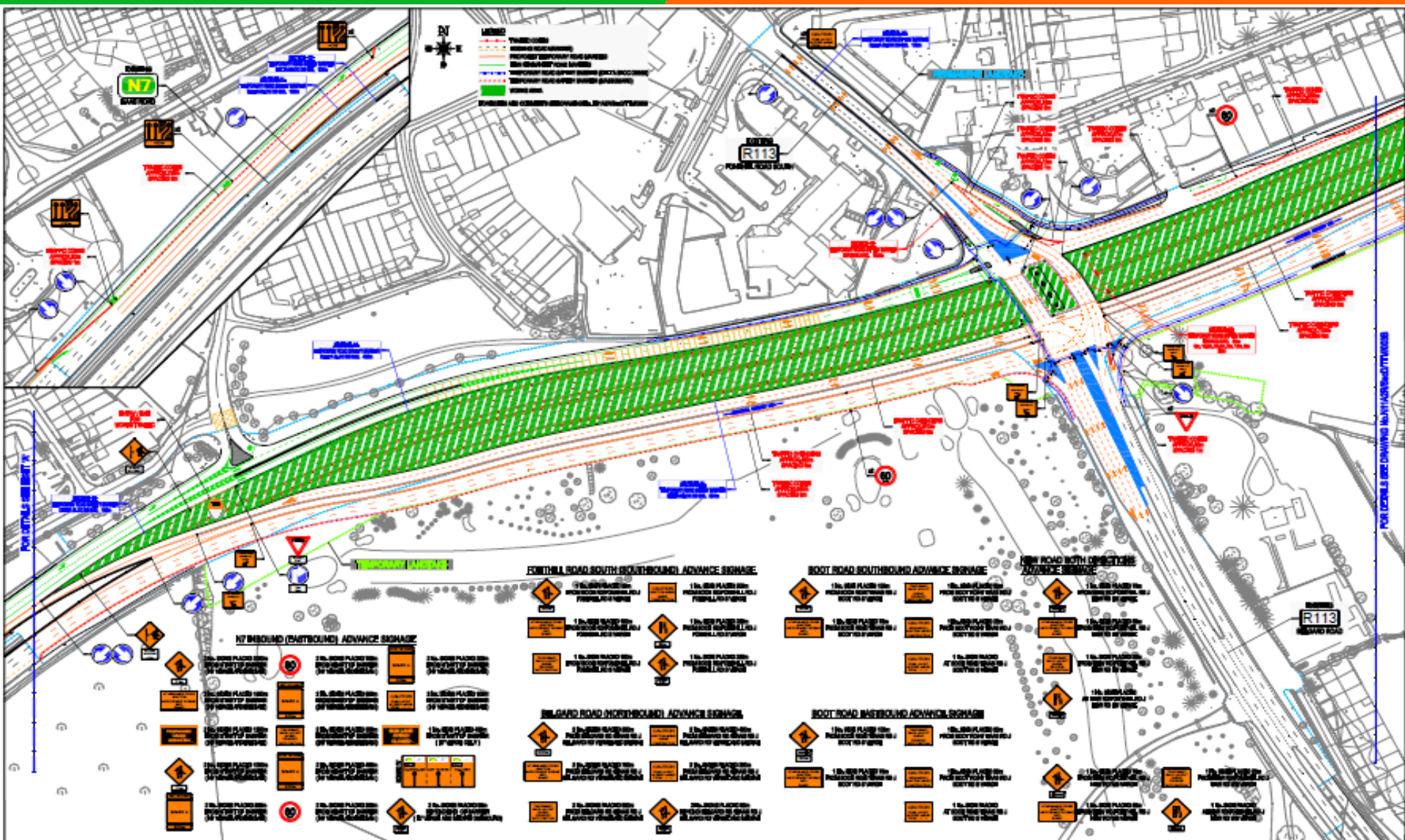
N7 Dublin

N7 Naas



N7 Dublin

N7 Naas



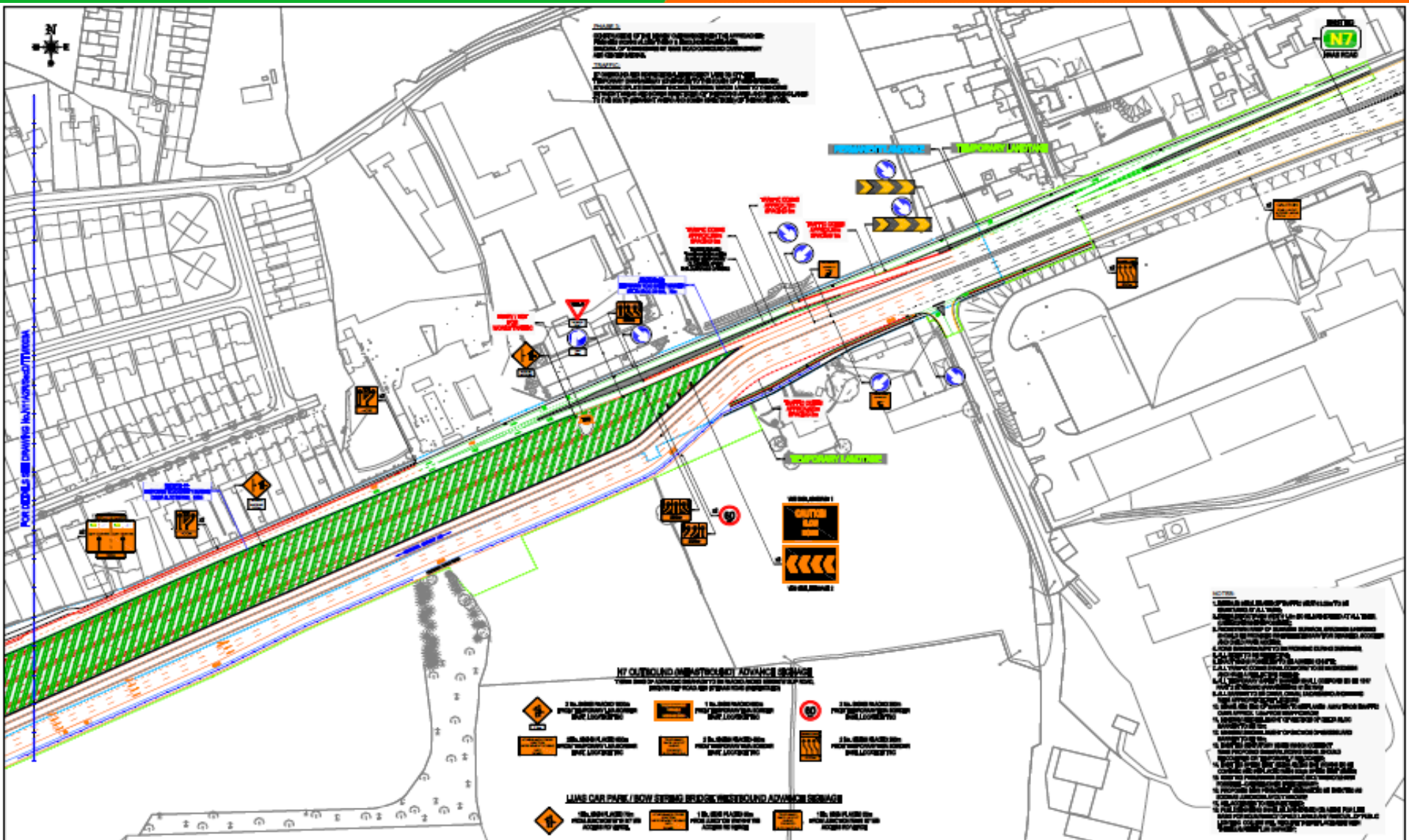
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 Tel: +353 (0) 46 4325 140  
 Mob: +353 (0) 86 0442650  
 Web: [www.tmd.ie](http://www.tmd.ie)  
 E-mail: [tmd@tmd.ie](mailto:tmd@tmd.ie)

Project No:	BAM		Scale:	1:1	
Client:	NEWLANDS CROSS		Date:	13.04	
Project Name:	NEWLANDS CROSS		Sheet No:	13 CP003	
Project Location:	NEWLANDS CROSS		Revision:	0	
Project Description:	TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR N7 NEWLANDS CROSS JUNCTION PHASE 3 (SHEET 1 of 2)		Author:		
Project Manager:			Checked:		
Project Engineer:			Approved:		

# Phase 3 (cont.)



- N7 OUTBOUND ADVISORY SIGNAGE**  
 THIS TYPE OF ADVISORY SIGNAGE IS TO BE PLACED IN ADVANCE OF THE WORK AREA TO ADVISE ROAD USERS OF THE WORK.
- LANE CAR PARK / ROW STOPS BEFORE ROADWORK ADVISORY SIGNAGE**
- 1 No. ADVISORY SIGN (W/ WHITE CHEQUERED BOARD)
  - 1 No. ADVISORY SIGN (W/ WHITE CHEQUERED BOARD)
  - 1 No. ADVISORY SIGN (W/ WHITE CHEQUERED BOARD)
  - 1 No. ADVISORY SIGN (W/ WHITE CHEQUERED BOARD)
  - 1 No. ADVISORY SIGN (W/ WHITE CHEQUERED BOARD)

1. SIGNAGE WILL BE SET UP WITH A MINIMUM OF 100 METERS IN ADVANCE OF ALL WORK.

2. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

3. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

4. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

5. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

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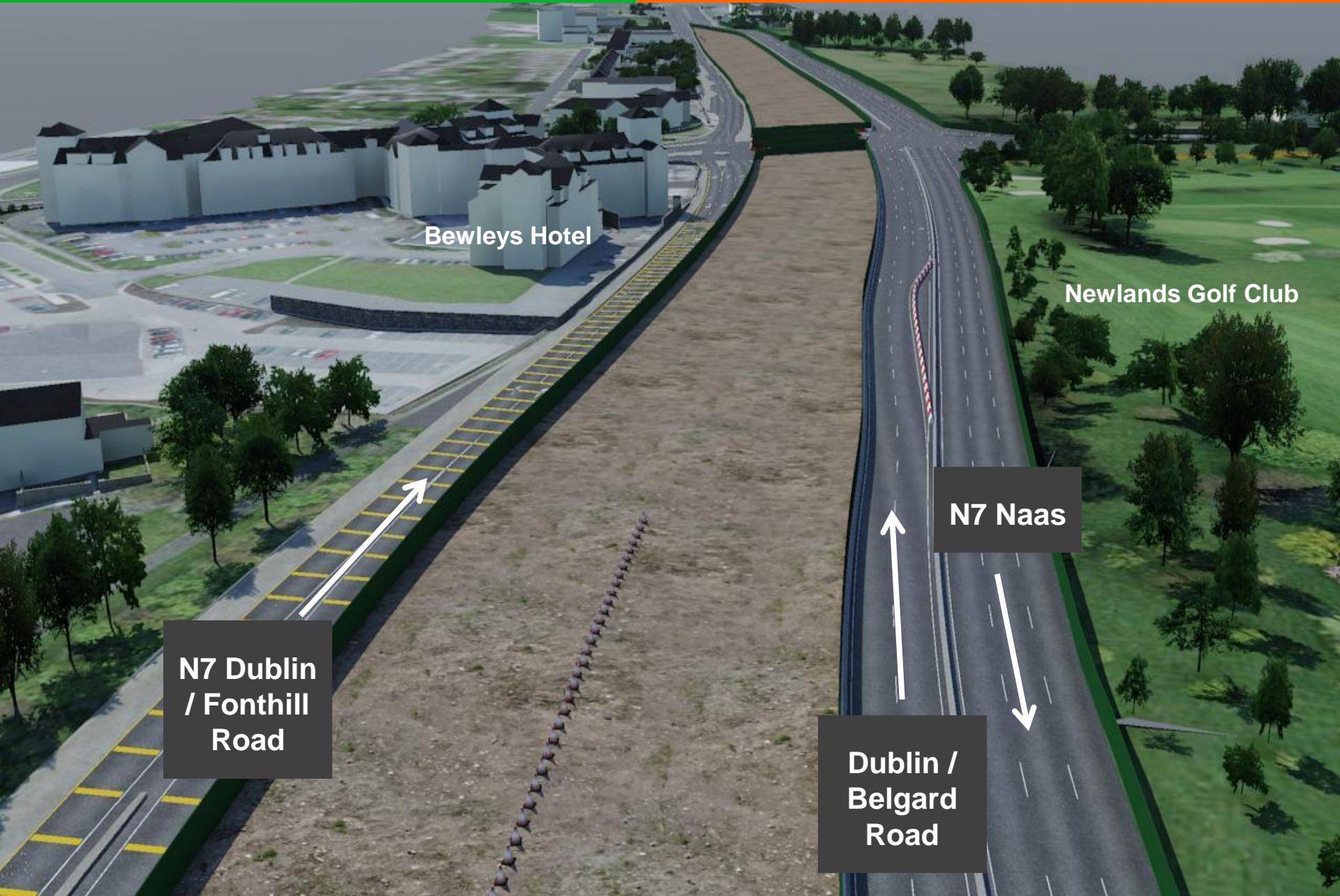
8. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

9. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

10. ADVISORY SIGNAGE MUST BE PLACED ON EITHER SIDE OF THE ROAD IN ADVANCE OF THE WORK AREA.

		<p><b>Traffic Management Design Ltd</b>        Unit 13, Newcourt Shopping Centre,        Church Street, Cavon Town,        Co. Carlow, Ireland.        Tel: +353 (0) 49 4325140        Mob: +353 (0) 86 0442650        Web: <a href="http://www.tmdesign.ie">www.tmdesign.ie</a>        E-mail: <a href="mailto:info@tmdesign.ie">info@tmdesign.ie</a></p>	<p><b>BAM</b>  <b>NEWLANDS CROSS</b>  <b>TEMPORARY TRAFFIC MANAGEMENT LAYOUT</b>  <b>FOR N7 NEWLANDS CROSS JUNCTION</b>  <b>PHASE 3 ( SHEET 2 of 2)</b></p>	<p>13.94        Drawing No:        13 CP003b        Rev:        0</p>
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# Phase 3 looking eastbound



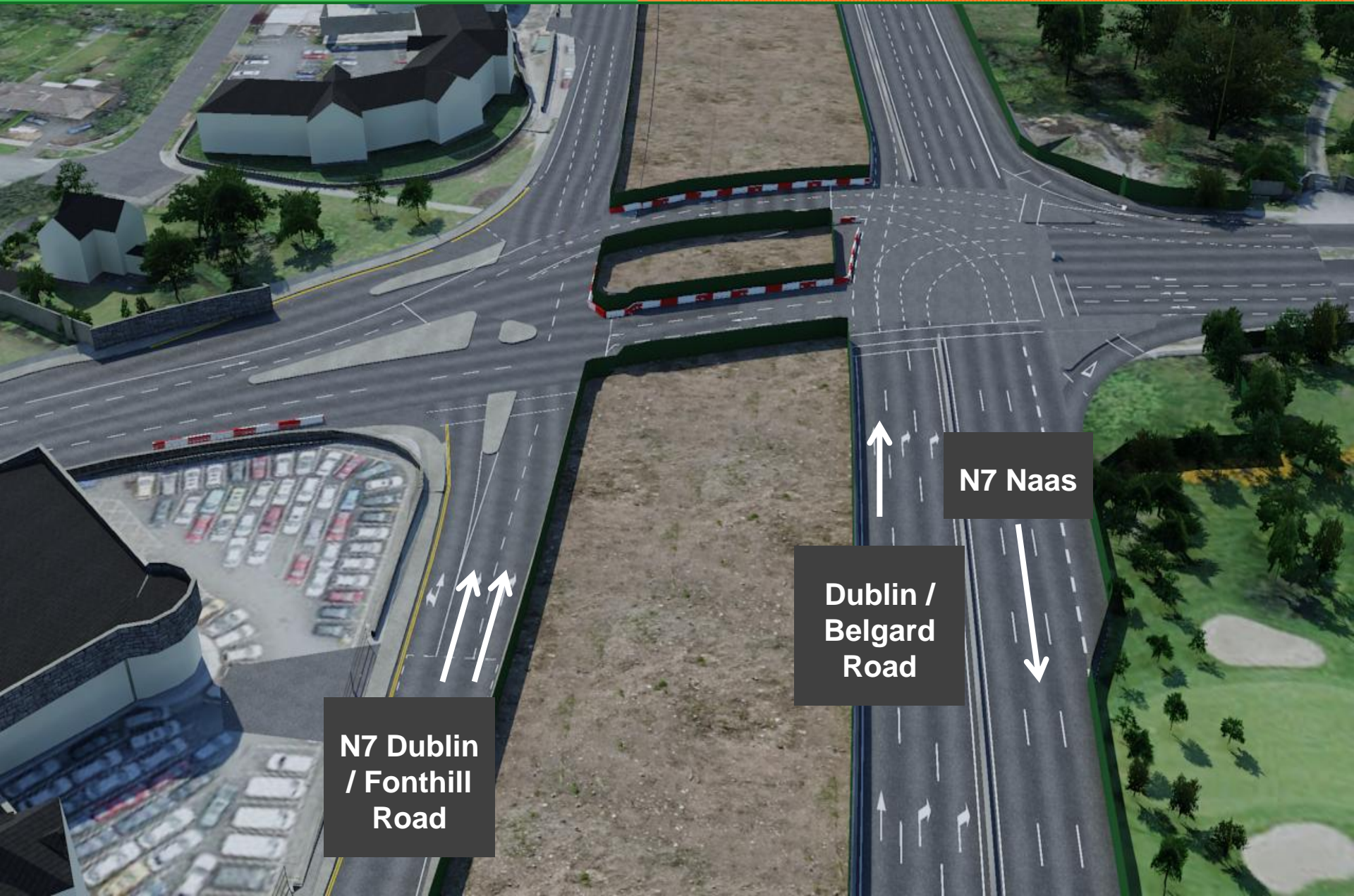
Bewleys Hotel

Newlands Golf Club

N7 Dublin  
/ Fonthill  
Road

N7 Naas

Dublin /  
Belgard  
Road

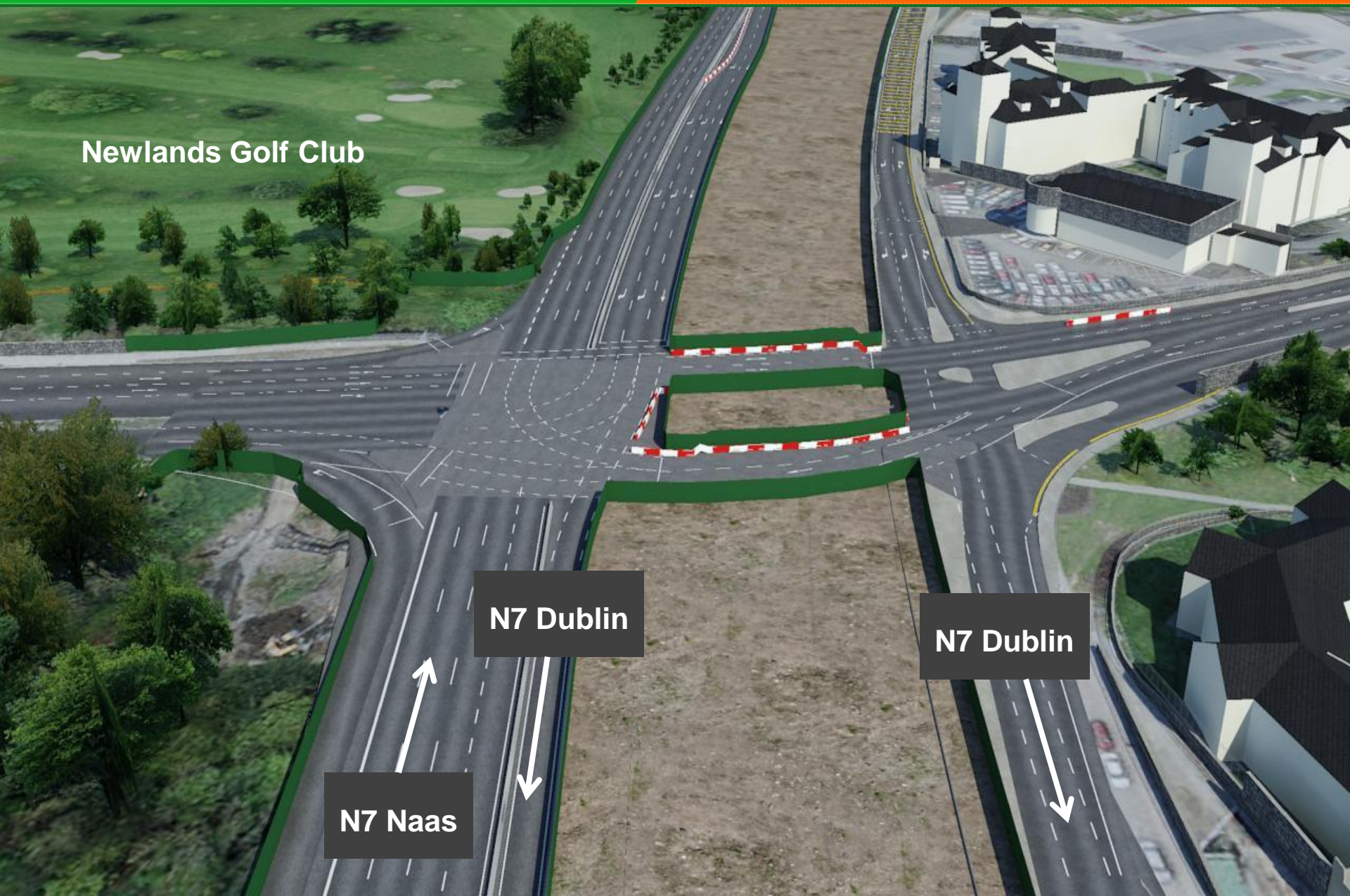


**N7 Dublin / Fonthill Road**

**Dublin / Belgard Road**

**N7 Naas**



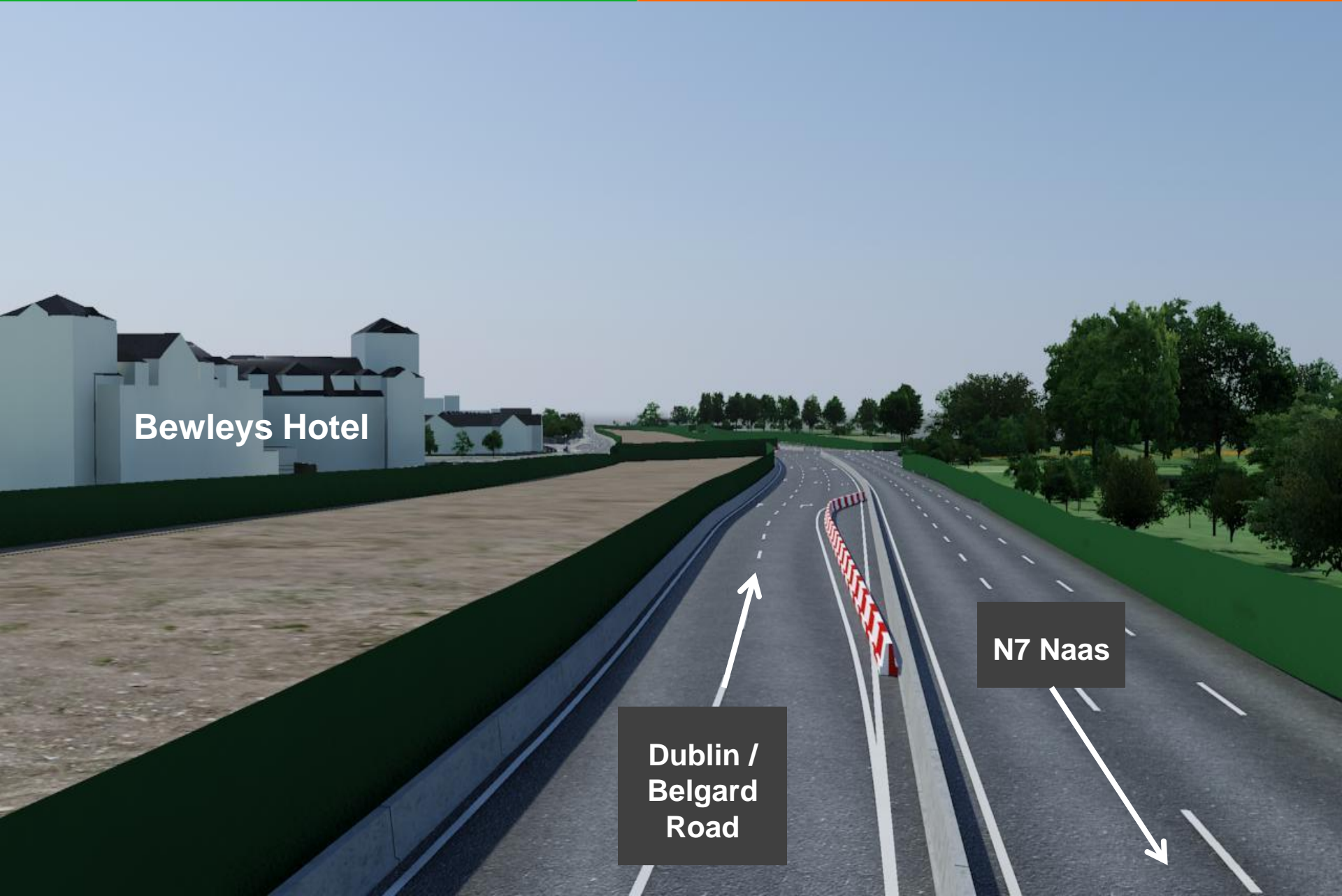


Newlands Golf Club

N7 Naas

N7 Dublin

N7 Dublin



Bewleys Hotel

Dublin /  
Belgard  
Road

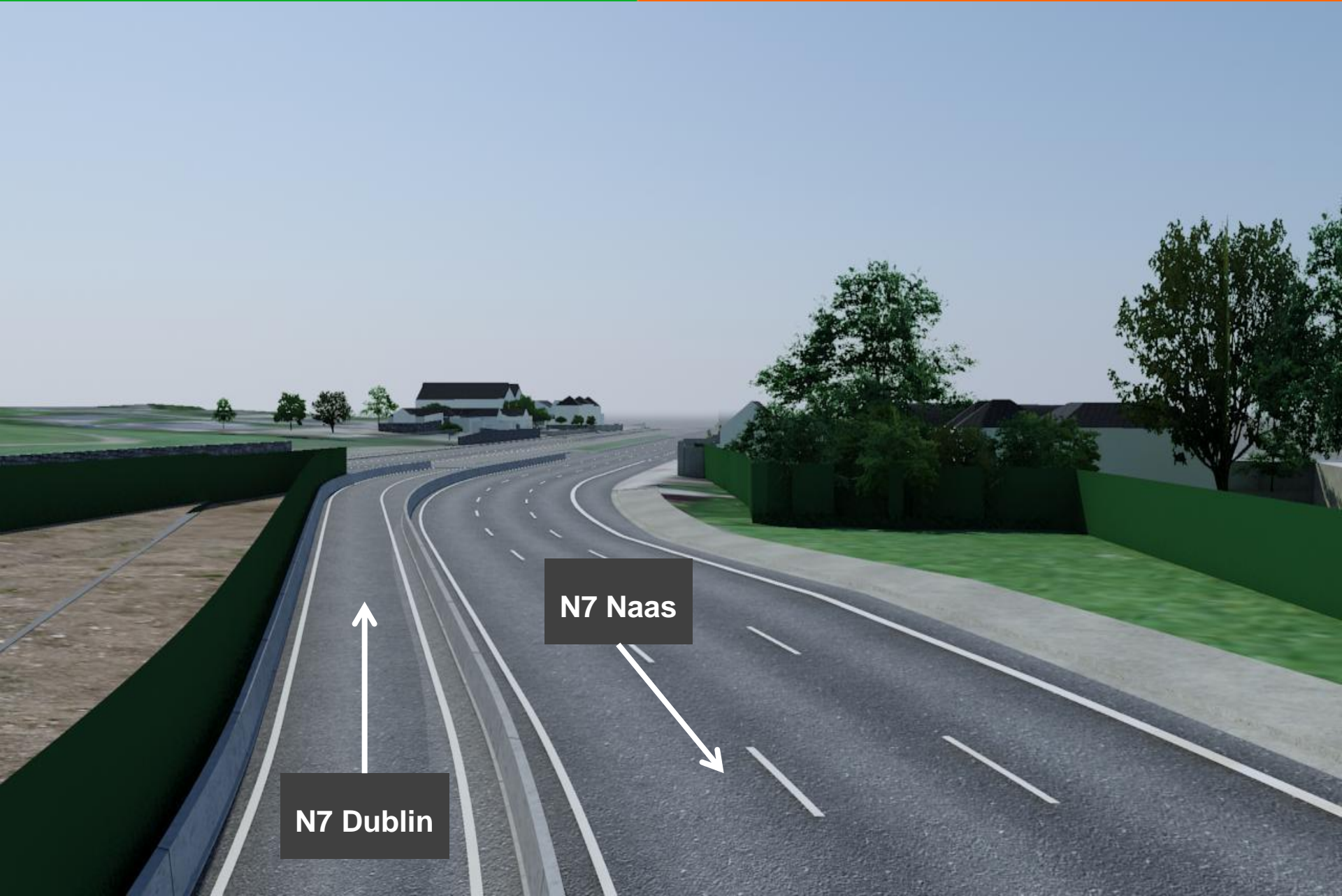
N7 Naas



Joels / Esso

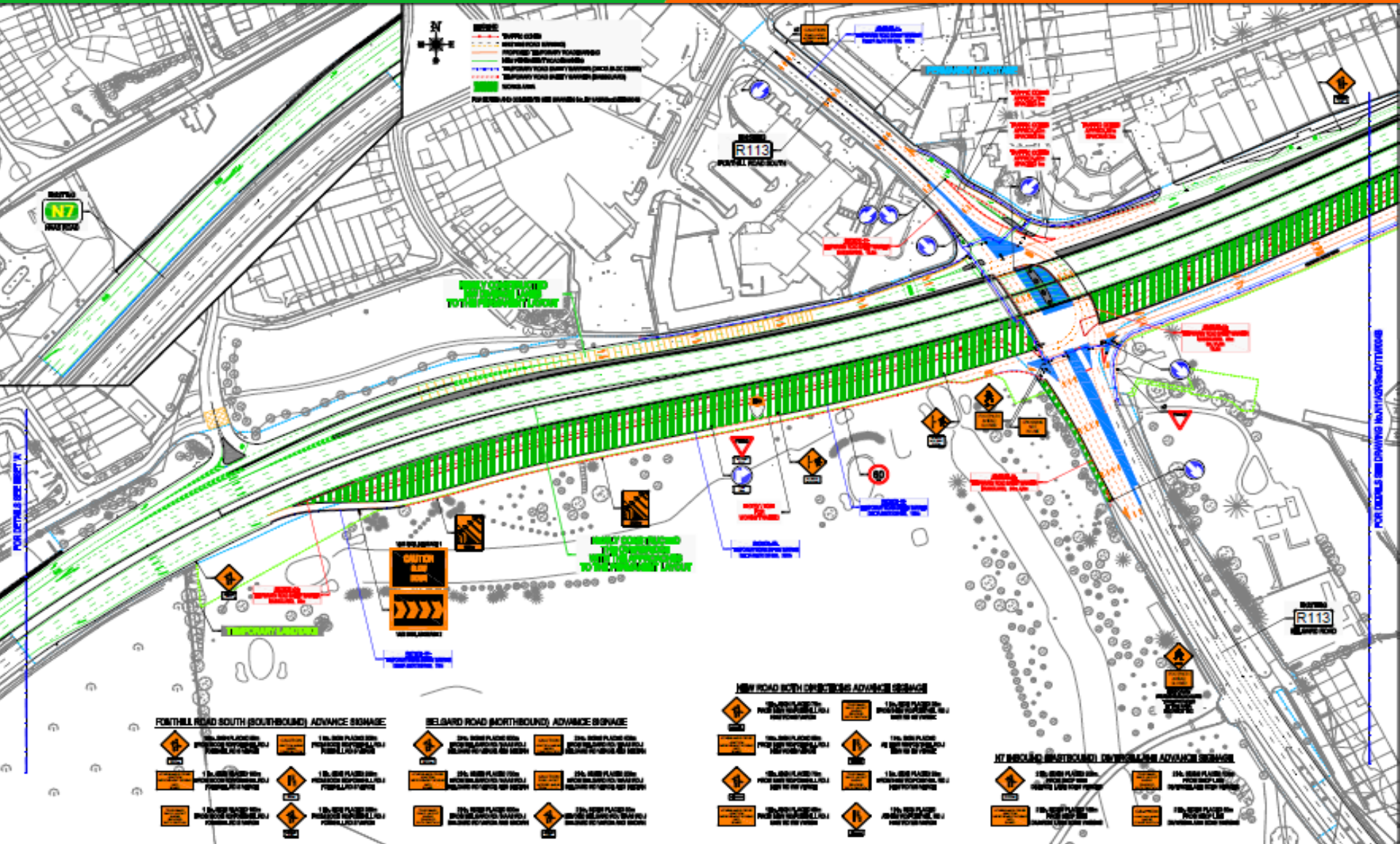
N7 Dublin

N7 Naas



N7 Dublin

N7 Naas



Revision	Date	By	Checked	Author

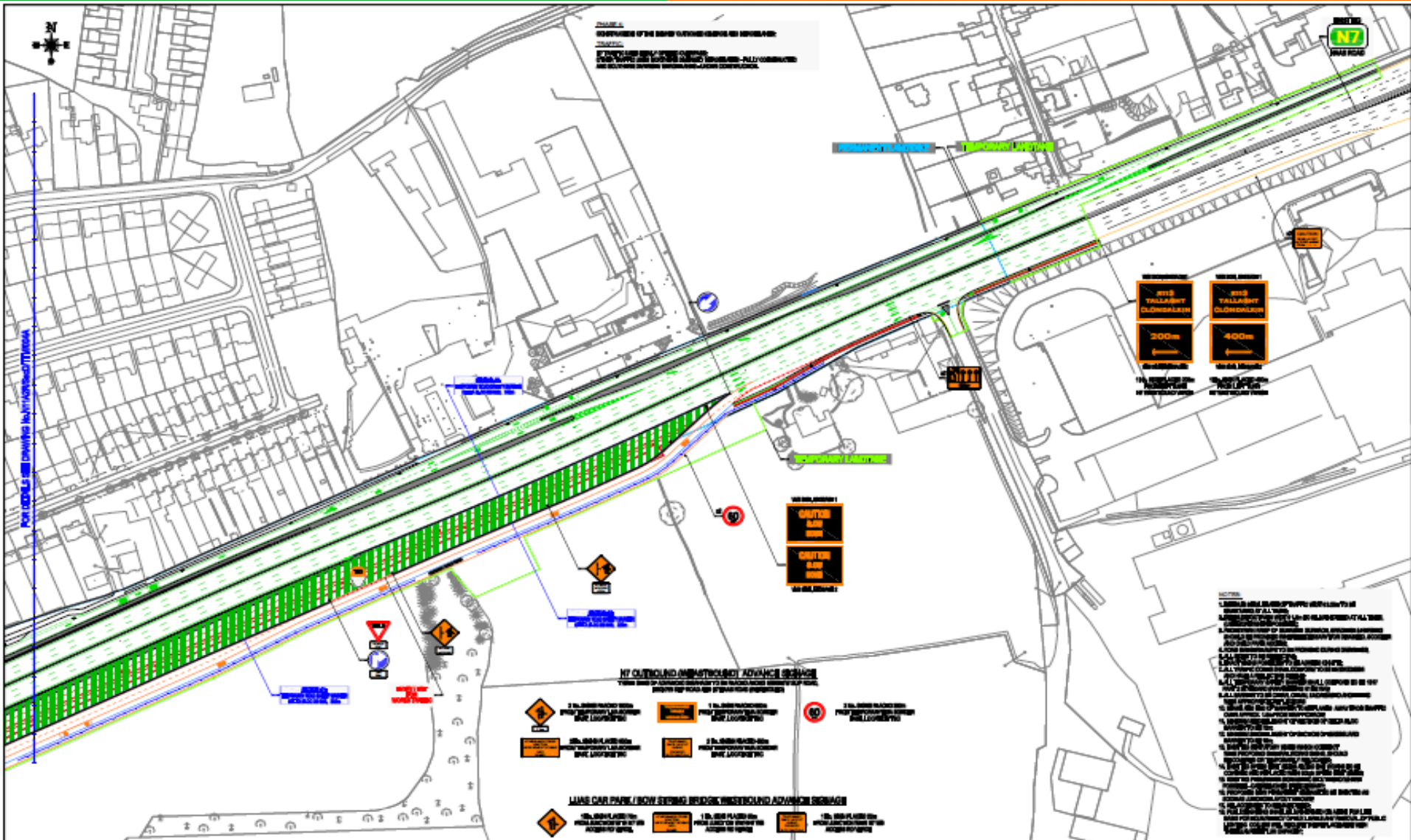


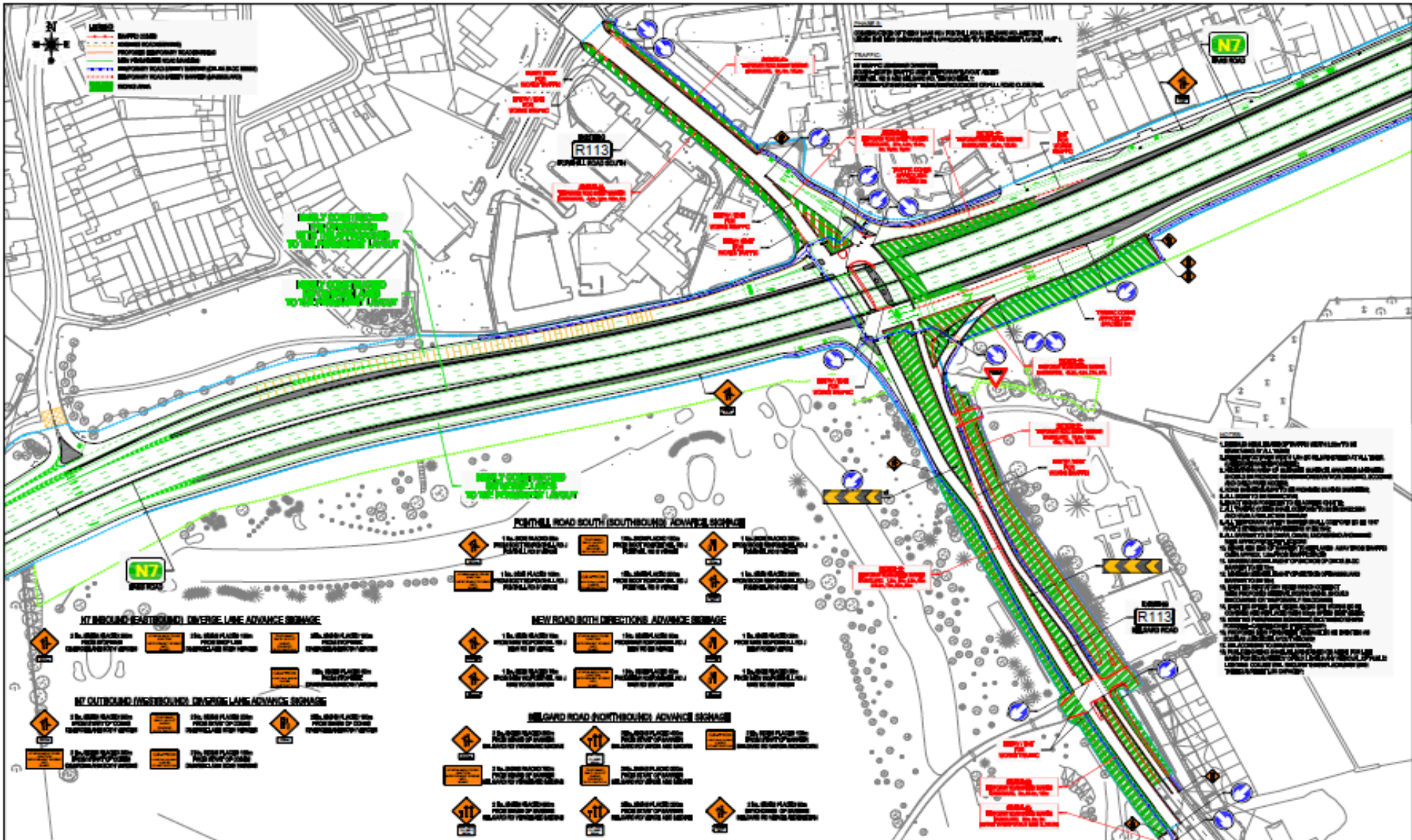
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 E: [mat@tmd.ie](mailto:mat@tmd.ie)

Project No:	
Client:	
Site:	
Scale:	
Date:	

<b>BAM</b>		13.94
<b>NEWLANDS CROSS</b>		Drawing No: 13 CP004
TEMPORARY TRAFFIC MANAGEMENT LAYOUT FOR N7 NEWLANDS CROSS JUNCTION PHASE 4 ( SHEET 1 of 2)		0

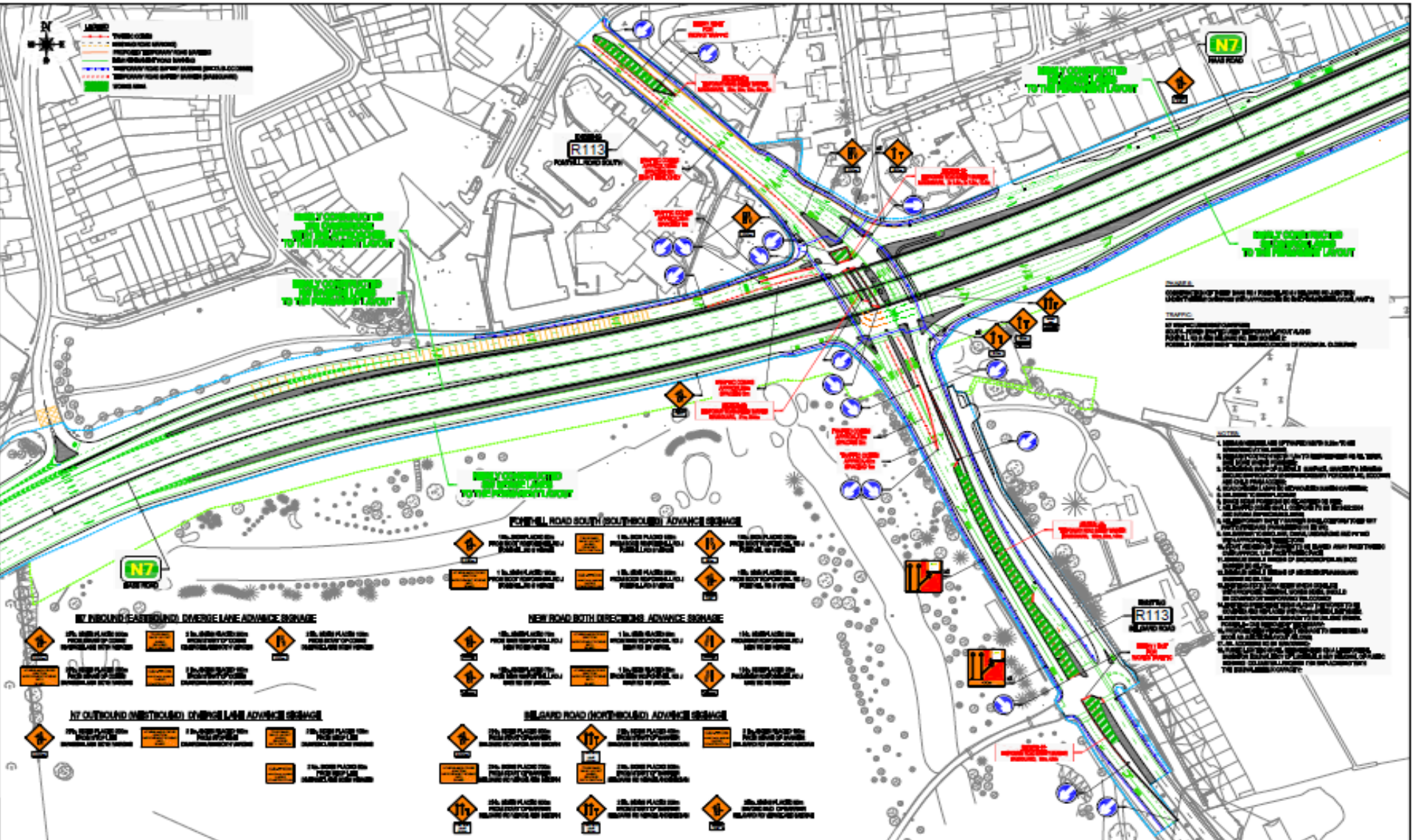
# Phase 4(cont.)





**NOTES**

1. THIS PLAN IS A PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY AND THE ROADWORKERS' UNION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND SERVICES UNDERGROUND AND ABOVEGROUND.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES AND LANDS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT ROADS AND HIGHWAYS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT FOOTPATHS AND CYCLEWAYS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PARKS AND RECREATION AREAS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT HISTORICAL MONUMENTS AND BUILDINGS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT ENVIRONMENTAL SENSITIVE AREAS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT CULTURAL HERITAGE.
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Newlands Golf Club

Statutory Orders Applications in progress

Liaison / Consultation with:

- ✓ Kildare County Council
- ✓ South Dublin County Council
- ✓ An Garda Síochána
- ✓ Authority's Representative

Statutory Orders to be renewed every 12 months

Enforcement

## Road Safety Audits (RSA)

Stage 2 RSA carried out by Arup, in consultation with relevant parties

Stage 3 RSA may be attended by representatives of

- ✓ Kildare County Council
- ✓ South Dublin County Council
- ✓ An Garda Síochána
- ✓ Authority's Representative

Certification by Authority prior to implementation of any TTMS

