

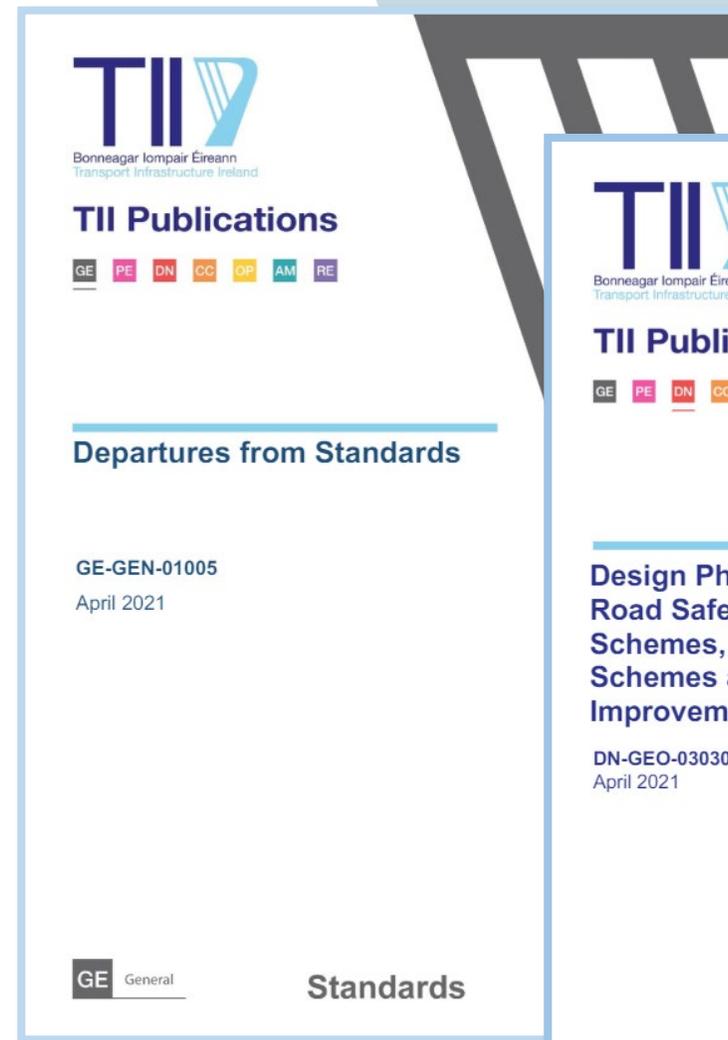
Departures From Standards

Brian O'Flaherty & Éanna Fallon
Kildare National Roads Office

TII Standards Roadshow May 2024

Overview

- GE-GEN-01005 Departures From Standards
 - What is a DFS
 - Access to the Departures Portal
 - Common Issues
- Design Reports in accordance with DN-GEO-03030
 - When to Submit
 - Information Required
 - Common Issues

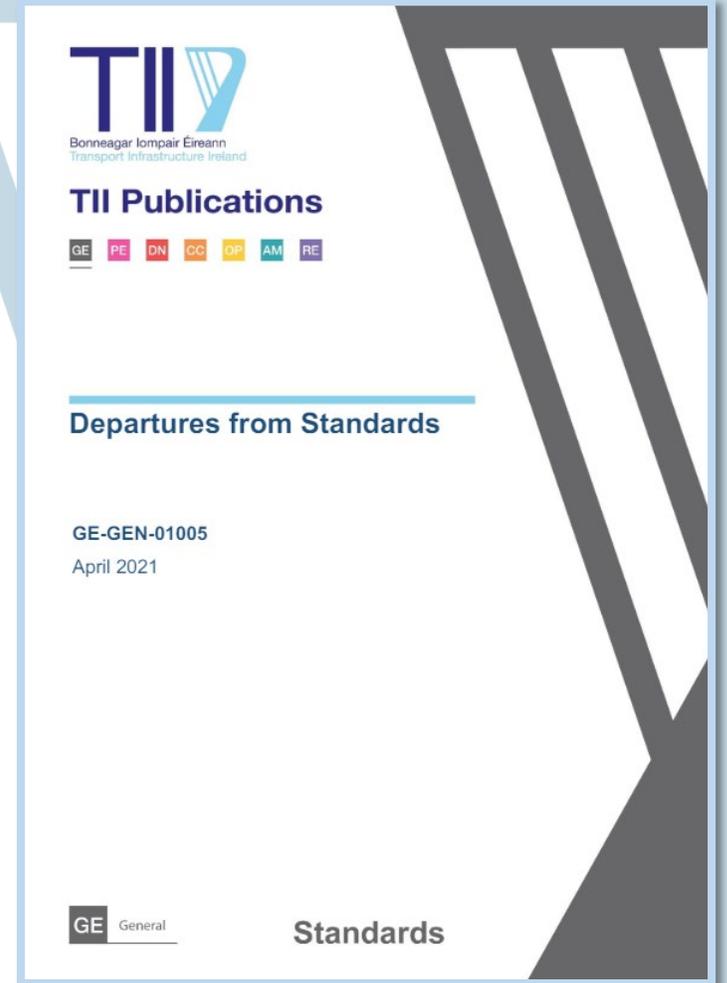


GE-GEN-01005 Departures from Standards

What is a Departure from Standard?

A Departure from Standard is defined as a deviation from the requirements of TII Standards and may mean any of the following:

- a) The use of technical design standards and/or specifications other than those in TII Standards;
- b) The use of a set of requirements or additional criteria for any aspect of the works for which requirements are not defined in the Specification or Requirements for Measurement and Pricing;
- c) The use of a technical design standard or specification in a manner or circumstance which is not permitted or provided for in such directive or specification;
- d) The use of a combination of Relaxations as set out in the relevant Standards;
- e) A combination of any of the above.

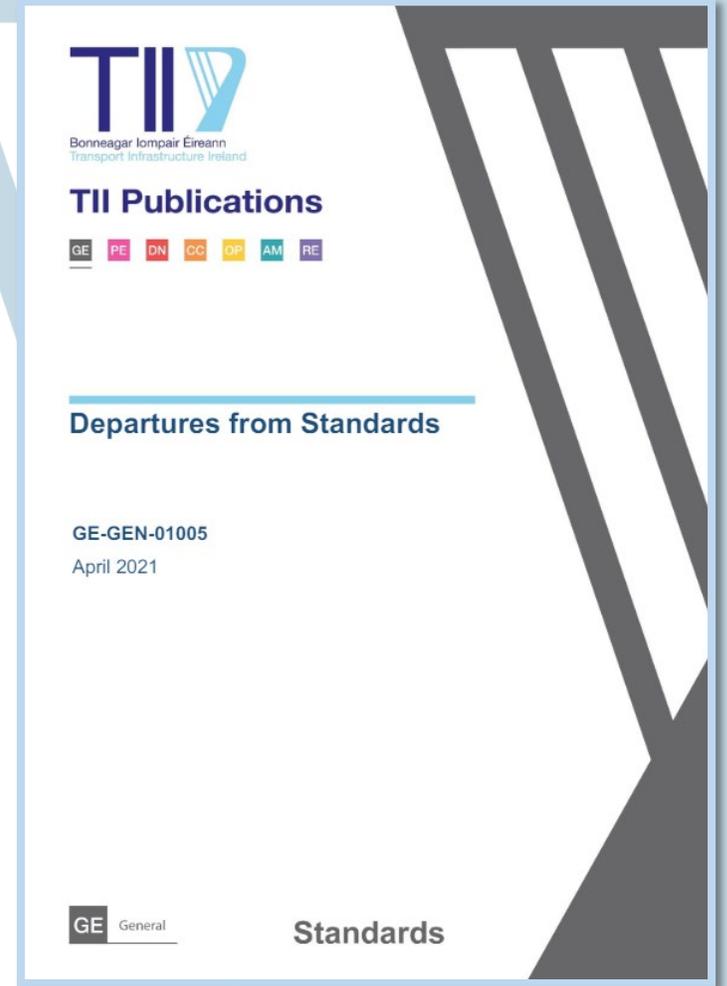


Departure Decisions

Departures applications are submitted via the online Departures Portal, reviewed by TII and is returned to the Applicant as one of the following:

- **Accepted:** A Departure providing an acceptable solution in the particular circumstances for that element of the works provided that any mitigation measures proposed by the Designer or conditional to that acceptance are also incorporated into the design and works.
- **Refused:** A Departure that is unacceptable to TII. The Applicant may submit a new Departure Application with an alternative solution.
- **Rejected:** A Departure with insufficient, inappropriate, or contradictory information where it is not possible to form a conclusive decision. The Applicant has the option to provide additional information to address the reasons for rejection and resubmit if they so wish.

**** Any Departure from the mandatory requirements of TII Standards must be formally accepted by TII prior to incorporation into the design and works as outlined in this Standard. Acceptance cannot be given retrospectively. ****



Departures Portal - Registration & Access

Created By TII Systems Development

- All Departures are submitted using the TII Web-based Departures Portal at <https://dfs.tii.systems/login> (Or via TII Web Application Portal <https://web.tii.ie/index.html>)
- Email infoDEPS@tii.ie to request access or to be added to an existing user group.
 - Linked to an online registration form.



Departure from Standards

Click the button below to log on.

Log On

Departures from TII Standards Registration

Information required to commence registration.

Start now



Departures from Standards Online User Registration Form

General User Information

Departures from TII Standards Registration

* Required

Contact details

1. First name *

Enter your answer

This question is required.

2. Last name *

Enter your answer

This question is required.

3. Email address *

Enter your answer

This question is required.

Relevant Road Authority Contact

Departures from TII Standards Registration

* Required

Relevant Road Authority Contact

Enter details for the person in the relevant authority (County Council, TII, NTA etc) who will be notified of a departure application

6. RRA First name *

Enter your answer

7. RRA Last name *

Enter your answer

8. RRA Email address *

Enter your answer

9. RRA Job Title *

Departures from Standards Online User Registration Form

Additional Users

Departures from TII Standards Registration

Additional users

If others users require access to the user group/project group, please enter details below e.g. consultant or contractor submitting departure or design report on behalf of local authority or TII

11. Additional User 1
First name

12. Additional User 1
Last Name

13. Additional User 1 Email

Project Information

21. Are you registering to submit a design report in accordance with DN-GEO-03030 because your project interacts with a national route? *

Yes

No

22. Type of project (Main funding source) *

Major Road or Greenway Scheme

Minor Road or Greenway Scheme

Active Travel

Safety

Pavement

Other

23. Name of the project or scheme *

Departures from Standards Online User Registration

Guide How to connect

1. Email invitation to connect to our platform:

Transport Infrastructure Ireland invited you to access applications within their organization Inbox x

Microsoft Invitations on behalf of Transport Infrastructure Ireland <invites@microsoft.com>
to me ▾

ⓘ Please only act on this email if you trust the organization represented below. In rare cases, individuals may receive fraudulent invitations from bad actors posing as legitimate companies. If you were not expecting this invitation, proceed with caution.

Organization: Transport Infrastructure Ireland
Domain: ti.ie

If you accept this invitation, you'll be sent to https://account.activedirectory.windowsazure.com/?tenantid=569878d3-218c-4b7c-9643-899a6da34380&login_hint=

[Accept invitation](#)

[Block future invitations](#) from this organization.

This invitation email is from Transport Infrastructure Ireland (ti.ie) and may include advertising content. [Read Transport Infrastructure Ireland's privacy statement](#). Microsoft Corporation facilitated sending this email but did not validate the sender or the message.

Microsoft respects your privacy. To learn more, please read the [Microsoft Privacy Statement](#).
Microsoft Corporation, One Microsoft Way, Redmond, WA 98052 

Click on Accept invitation and connect with the email address you requested the access.
The password and email address are associated to your Microsoft account (Organisation) more often.

Once all users are registered, the TII departure manager will create your user group and assign users within a few days.

Departures from Standards Online User Registration Email

Departures From Standards

 Belkacem Mensouri
Te [REDACTED]
Co [REDACTED]

 Departures From Standards.pdf
171 KB

 Translate message to: English | Never translate from: Irish | Translation preferences

Hi [REDACTED]

You have received this invite because you have requested access to Departures From Standards. Access has been granted as requested. To access go to <https://web.tii.ie/> and under the "Systems" menu on the top right click on "Departures From Standards". Please confirm that you have access now by replying to this email.

Regards
Belkacem Mensouri
Helpdesk: 01 582 4281
Mobile: 0 872 911 827
Mobile: 086 440 3952
Email: tii.itsupport@tii.ie

SYSTEMS ▾ ACCOUNT ▾

Departures From Standards

TII Local Authority Portal

Project Reporting System

Project Reporting System - DOT

Defects Management System

Road Works System

Network Safety Analysis (HD15)

Pilots & Trials System

Road Safety Audits

Eirspan Bridge Management

Departures from Standards Portal

Departures portal user manual available from the downloads section from TII Publications at - <https://www.tiipublications.ie/downloads/departures-from-standards/User-Manual-Departures.pdf>

- + Appendices Associated with Road Safety Improvement Scheme Approval Procedure to GE-STY-01037
- + Sample Design Reports & Appendices in Accordance with DN-GEO-03030
- Departures from Standards
 - [Application-Form-for-Tender-Departure.docx](#)
 - [User-Manual-Departures.pdf](#)
- + Independent Chartered Engineer Register (CC-REQ-04009)
- + Appendices Associated with the Complementary Product Category Rules for Bituminous Mixtures to DN-PAV-03077

Welcome to TII Publications

TII's online suite of Standards and Technical publications related to National Road, Greenway and Light Rail networks in Ireland.

Please enter TII Publication title, number or historic reference **SEARCH**

[Not sure? Try our advanced search](#)

Outline of TII Publications

TII Publications is an online suite of technical documentation relating to National Road, Greenway and Light Rail schemes.

TII Publications are categorised as Standards or Technical. All documentation for implementation on National Road and Greenway schemes is collectively referred to as TII Publications (Standards), and all other documentation within the system is collectively referred to as TII Publications (Technical).

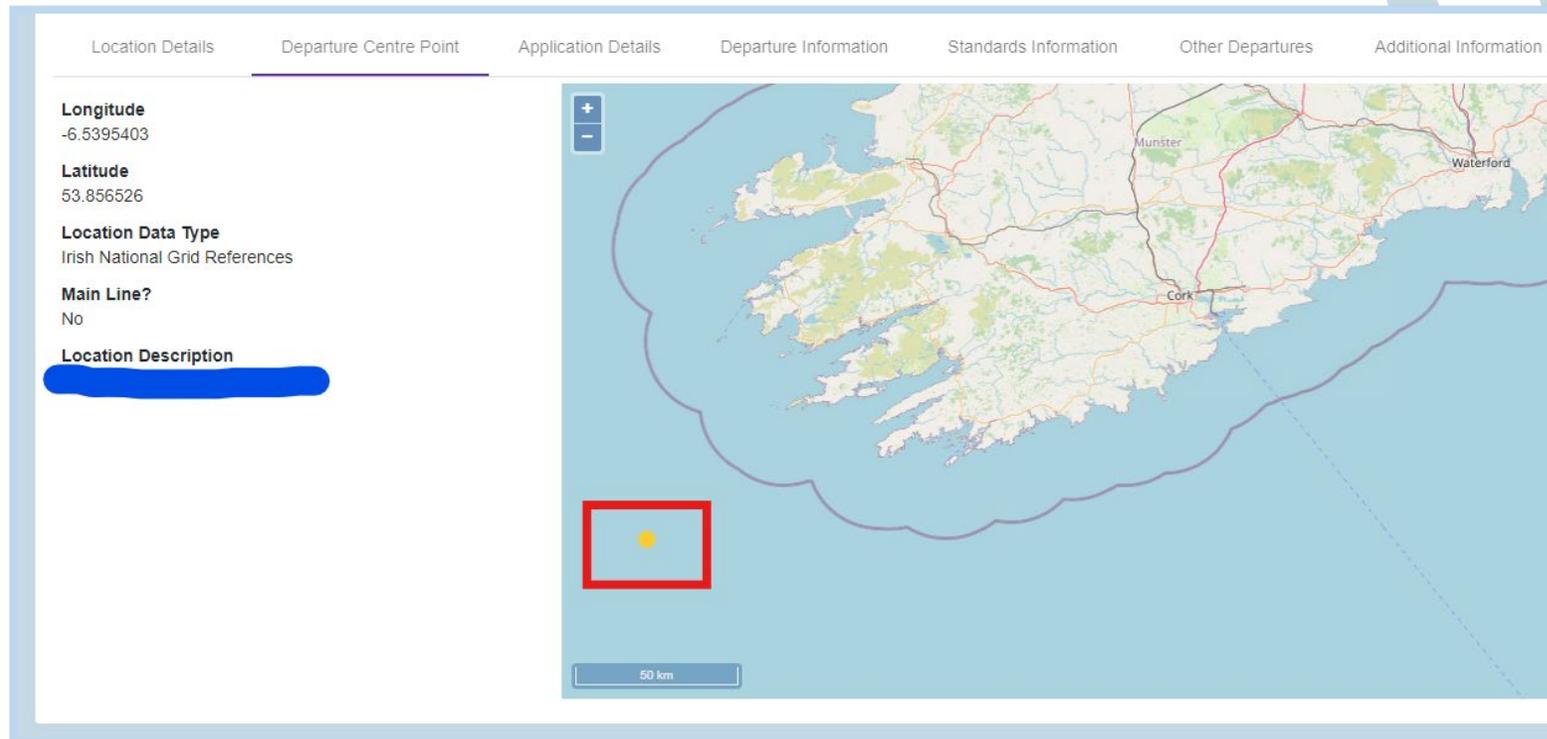
Visit [Who We Are](#) for information on the TII Publications system.

For further information on TII Publications, please refer to Introduction to the TII Publications System, [GE-INT-01029](#)

- > [Recent Changes](#)
View a summary of recent changes to TII Publications
- > [Forward Look](#)
Anticipated updates to TII Publications and estimated publication dates
- > [Downloads](#)
Downloads relating to Standards and Technical documents
- > [Training Material](#)
Material presented at TII training sessions

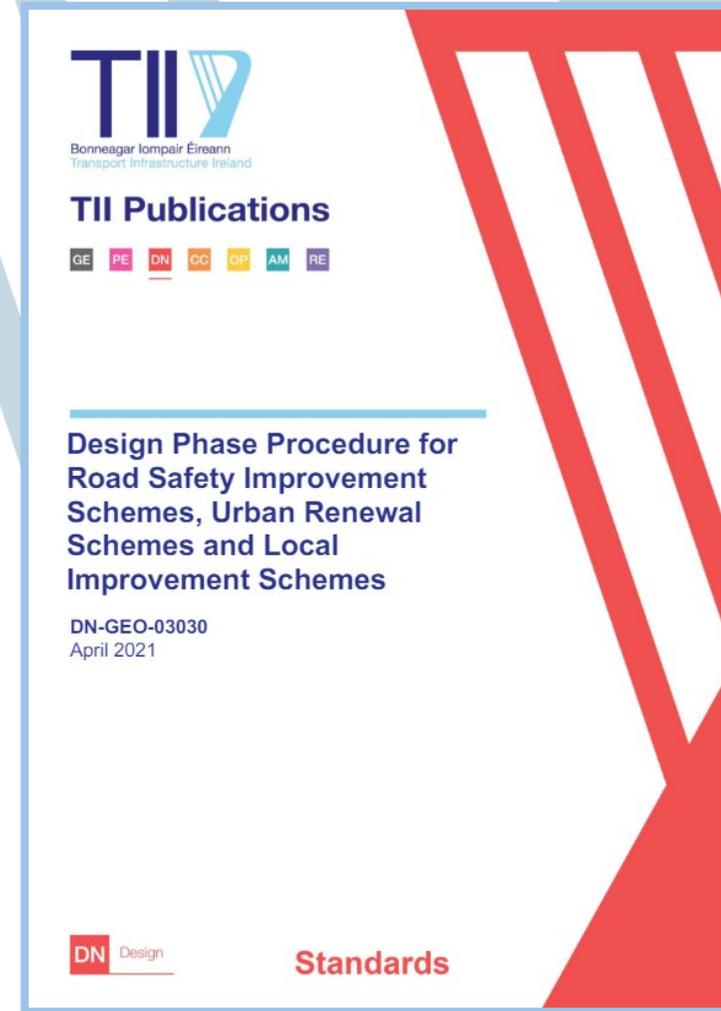
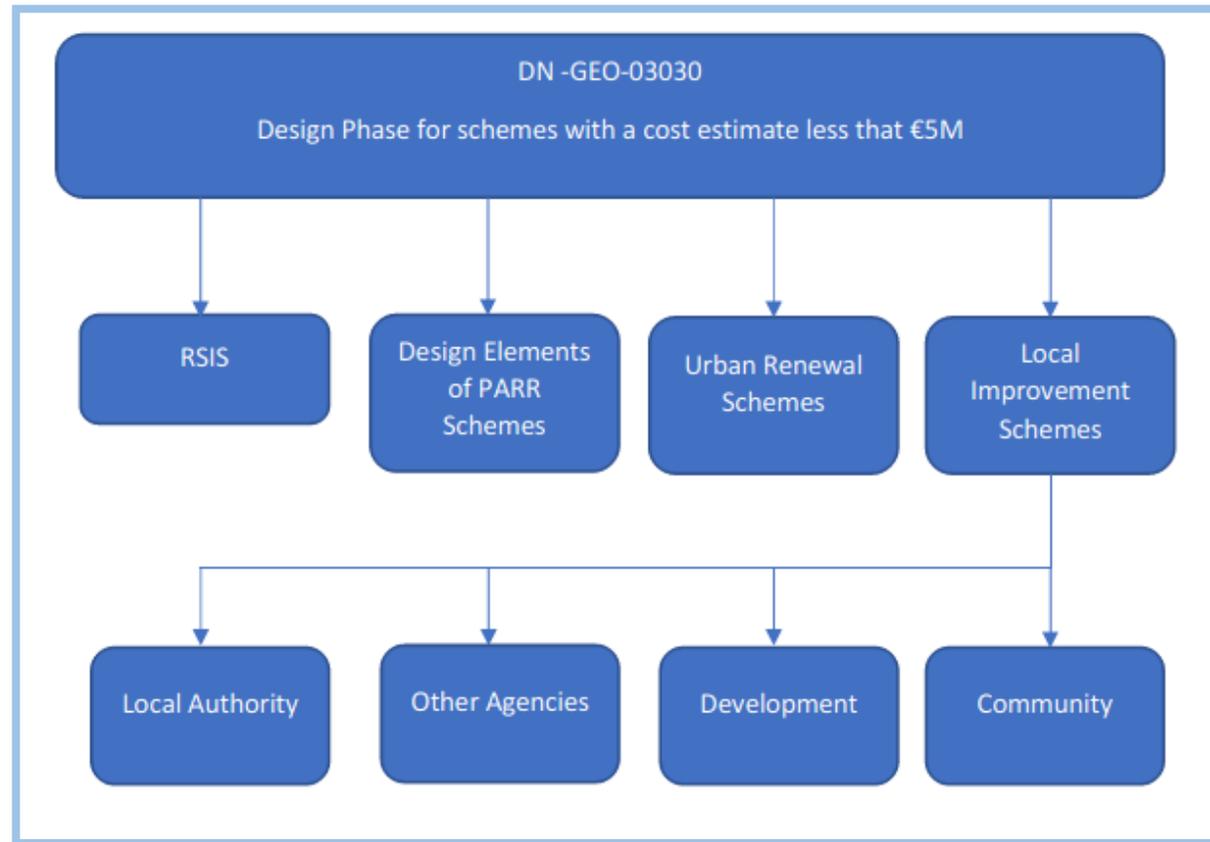
Common Issues

- Departures must be 'Parked' before supporting documents can be uploaded.
- Departures submitted prematurely – not confirmed if it will be incorporated into the design at time of submission.
- No supporting information submitted – text only submission.
- Wrong standard selected, or mis-quoted reference within departure application form.
- Departure centre point is incorrect – select it on the map!



DN-GEO-03030 - Design Phase Procedure for Road Safety Improvement Schemes, Urban Renewal Schemes and Local Improvement Schemes

“This standard is to be used for the design phase of all schemes on national roads, whether funded by TII or not, which have design elements, which have a cost estimate of less than €5m and which are not otherwise being progressed in accordance with the procedures set out in the TII Project Management Guidelines, PE-PMG-02041.”



Examples where DN-GEO-03030 is applicable (non-exhaustive list)

Examples where this Standard is applicable.

1. A commercial development being promoted by a private entity which accesses a National Road.
2. A rural greenway being funded by government grants that crosses a National Road.
3. A tidy towns scheme from local fundraising that enhances a village on a National Road.
4. A roundabout sponsorship scheme that proposes to erect a structure in the central island of a roundabout on a National Road.
5. A traffic calming scheme designed in accordance with DMURS on a national road in a rural town.
6. An upgrade of a junction on a National Road to increase capacity.
7. The provision of new vehicle restraint systems along a National Road.
8. The widening of a structure on a National Road.
9. The introduction of a nearside passing bay as part of a PARR scheme.

All examples are for schemes with a cost estimate below €5M for the portion of the works associated with the National Road interface.

The Design Report – What is it?

- The purpose of the Design Report is to address and present issues relating to compliance with the relevant parts of the TII Publications (Standards) for the preferred option.
 - Should address technical elements only.
- Design Reports must be submitted for review via the TII Departures Portal – registration & access as per GE-GEN-01005.
- Should be submitted prior to Statutory Processes. E.g. part 8
- Sample reports are linked with DN-GEO-03030 & are available at <https://www.tiipublications.ie/downloads/>

Outline of TII Publications

TII Publications is an online suite of technical documentation relating to National Road, Greenway and Light Rail schemes.

TII Publications are categorised as Standards or Technical. All documentation for implementation on National Road and Greenway schemes is collectively referred to as TII Publications (Standards), and all other documentation within the system is collectively referred to as TII Publications (Technical).

Visit [Who We Are](#) for information on the TII Publications system.

For further information on TII Publications, please refer to Introduction to the TII Publications System, [GE-INT-01029](#)

› Recent Changes

View a summary of recent changes to TII Publications

› Forward Look

Anticipated updates to TII Publications and estimated publication dates

› Downloads

Downloads relating to Standards and Technical documents

› Training Material

Material presented at TII training sessions

+ Appendices Associated with Road Safety Improvement Scheme Approval Procedure to GE-STY-01037

- Sample Design Reports & Appendices in Accordance with DN-GEO-03030

 [Sample Design Report - Junction Upgrade](#)

Size: 1.9M bytes Modified: 30 April 2021, 10:21

 [Sample Design Report - Local Realignment](#)

Size: 2.0M bytes Modified: 30 April 2021, 10:21

 [Application Form for Departure using DN-GEO-03030](#)

Size: 24.7K bytes Modified: 5 May 2021, 10:55

+ Departures from Standards

The Design Report – What is Required?

- Contents as per sample report
 - If headings are not relevant these should be marked as N/A.
 - Headings can be added as deemed necessary.
- Design Drawings – updated to incorporate RSA comments prior to submission of design report.
- Road Safety Audit to include signed feedback form.
- Total Scheme Budget (refer to PE-PMG-02044).
- Project Appraisal Balance Sheet.
- Departure Application Forms.
- DMURS Compliancy Statement where applicable.

Contents	
1	Introduction..... 5
2	Collision History..... 5
3	Scheme/Safety Objectives..... 5
4	Existing Conditions..... 6
4.1	Speed..... 6
4.2	Traffic Volumes..... 6
4.3	Horizontal Alignment..... 6
4.4	Vertical Alignment..... 6
4.5	Cross Section Crossfall & Superelevation..... 6
4.5.1	Cross Section..... 6
4.5.2	Crossfall..... 6
4.5.3	Superelevation..... 7
4.6	Junctions & Accesses..... 7
4.7	Facilities for Vulnerable Road Users..... 7
4.8	Visibility & Sightlines..... 7
5	Environmental, Archaeological and Other Constraints..... 7
5.1	Appropriate Assessment..... 7
5.2	Ecological Assessment..... 7
5.3	Other Environmental Surveys..... 7
5.4	Archaeological Constraints..... 8
6	Proposed Design..... 8
6.1	General..... 8
6.2	Land Acquisition..... 8
6.3	Horizontal Alignment..... 8
6.4	Vertical Alignment..... 8
6.5	Cross Section Crossfall & Superelevation..... 8
6.5.1	Cross Section..... 8
6.5.2	Crossfall..... 8
6.5.3	Superelevation..... 8
6.6	Facilities for Vulnerable Road Users..... 8
6.7	Junctions..... 8
6.8	Visibility and Sightlines..... 8
6.9	Drainage..... 8
6.10	Pavement..... 10
6.11	Safety Barrier Risk Assessment and Provisi..... 10
6.12	Traffic Signs and Road Markings..... 11
6.13	Accommodation Works..... 11
6.14	Lighting..... 11
6.15	Departures from Standard..... 11
7	Road Safety Audit..... 12
8	Total Scheme Budget..... 12
9	Project Appraisal Balance Sheet..... 12
	Appendix A – Design Drawings..... i
	Appendix B –Road Safety Audit..... ii
	Appendix C – Cost Estimate..... iii
	Appendix D – PABS..... v
	Appendix E - Departures from Standard..... vii

The Design Report – Common Issues!

- Report format – varies significantly from sample report and/or not enough information provided on the proposed scheme.
- Design Drawings
 - Not updated to incorporate RSA comments prior to submission of design report.
 - Insufficient detail provided to allow for complete review.
- Road Safety Audit
 - Does not to include signed feedback form.
 - Where required, exceptions report are to be approved by TII prior to acceptance of the design report.
 - Appropriate RSA not complete – Stage 2 appropriate for most schemes!
- Departure Application Forms – referenced within body of report but individual departure application forms not included as an appendix.
- DMURS Compliancy Statement not provided where applicable.

Application for a Departure from the TII Publications as part of a Preliminary Design Report in accordance with DN-GEO-03030

Application for a Departure from TII Publications (Standards)
Includes all documents classified as Standards on www.tiipublications.ie including the Requirements for Measuring and Pricing (RMP)

General Information for Application No. _____:

Route Number:	Scheme:	Contract Type:

Design Speed: _____ km/h Traffic Flow and Composition (if applicable):
 Approx. _____ (Design Year)

Carriageway Type / Road Cross Section:

Applicant Information:

Applicant Name:	Contact Person and Contact Details:
	Name: Email:
Applicants Departure Reference No:	

Departure Information:

Departure Location and Chainage (as relevant):

Publication Stream:

Publication:

The Design Report – Common Issues continued!

- Departure centre point incorrect (Select it on the map!).
- Relevant Design Standard – always DN-GEO-03030.
- Active Travel Facilities – insufficient details provided.
 - Consult the Cycle Design Manual.

Longitude
 1380935.4387006462
Latitude
 -5290588.630005729
Location Data Type
 Irish Transverse Mercator
Main Line?
 Yes
Location Description
 [Redacted]

Location Details	Departure Centre Point	Application Details	Departure Information	Standards Information	Other Departures	Additional Information	Comments
Publication Stream		Geometry					
Publication			DN-GEO-03060 (Geometric Design of Junctions(priority junctions, direct accesses, roundabouts, grade separated and compact grade separated junctions))				
Departure Type			Horizontal clearance from direct access to roundabout				
TII Publication Paragraph			Clause 5.2.2				
			The provision of new priority junctions or direct accesses shall not be permitted within 90m of a roundabout or priority junction on National Roads. This may be reduced to 50m as a relaxation when				

Publication Stream	Geometry
Publication	DN-GEO-03030 (Design Phase Procedure for Road Safety Improvement Schemes, Urban Renewal Schemes and Local Improvement Schemes)
Departure Type	n/a
TII Publication Paragraph	n/a

Wrap Up

Relevant standards available @ <https://www.tiipublications.ie>

Departures portal User Manual <https://www.tiipublications.ie/downloads/>

All queries to infoDEPS@tii.ie

Thanks!





Bonneagar Iompair Éireann
Transport Infrastructure Ireland



Bonneagar Iompair Éireann
Ionad Gnó Gheata na Páirce
Sráid Gheata na Páirce
Baile Átha Cliath 8
Éire, D08 DK10



www.tii.ie



+353 (0)1 646 3600



Transport Infrastructure Ireland
Parkgate Business Centre
Parkgate Street
Dublin 8
Ireland, D08 DK10



info@tii.ie



+353 (0)1 646 3601