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Standards & Guidelines Update

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Transport Infrastructure Ireland (TII) Publications



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2026
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Contents

- Introduction to TII Publications
- TII Publications Website
- Training Provided by TII
- Departures From Standards & Design reports to DN-GEO-03030
- Designing Routes Through Towns and Villages

Why Does TII Publications Exist?



TII was created under the Roads Act of 2015, which gives TII authority to set the Standards for National Roads



As the Approving Authority for Greenways, TII has developed relevant guidelines and standards within TII Publications.



Transport Infrastructure Ireland (TII) is responsible for planning, funding, and delivering light rail projects in Ireland and can develop relevant guidelines within TII Publications.

Why Does TII Publications Exist?

Drivers for Change

- Government Policies and Strategies
- Compliance with regulations
- International standards
- Technical developments (materials, products)
- Research
- Input from industry
- Project Feedback

When Should TII Publications Be Used?

TII standards are mandatory for use on national road projects, ensuring consistency and compliance with established standards.

They can be and are generally applied on regional and local roads projects in agreement with the road authority.

How is TII Publications structured?

Standards

- TII Publications (Standards) is a collection of documentation that define the standard to be complied with in respect of the design, construction or maintenance of National Roads schemes in Ireland.
 - E.g. TII Design Standards, Specifications for Roadworks, Requirements for Measurement and Pricing, Standard Construction Details (SCDs)

Technical

- TII Publications (Technical) includes documentation that aligns with TII Publications (Standards) but does not contain requirements, advice or guidance that should form part of TII Publications (Standards).
 - E.g. Interim Technical Advice, Technical Bulletins, Governance Procedures, Research Papers, Technical Reports



TII Publications



Vegetated Drainage Systems for Road Runoff (including Amendment No. 1 dated June 2015)

DN-DNG-03063
June 2015

DN Design

Standards



TII Publications



Pilot and Trial Projects – Guidelines and Online User Manual

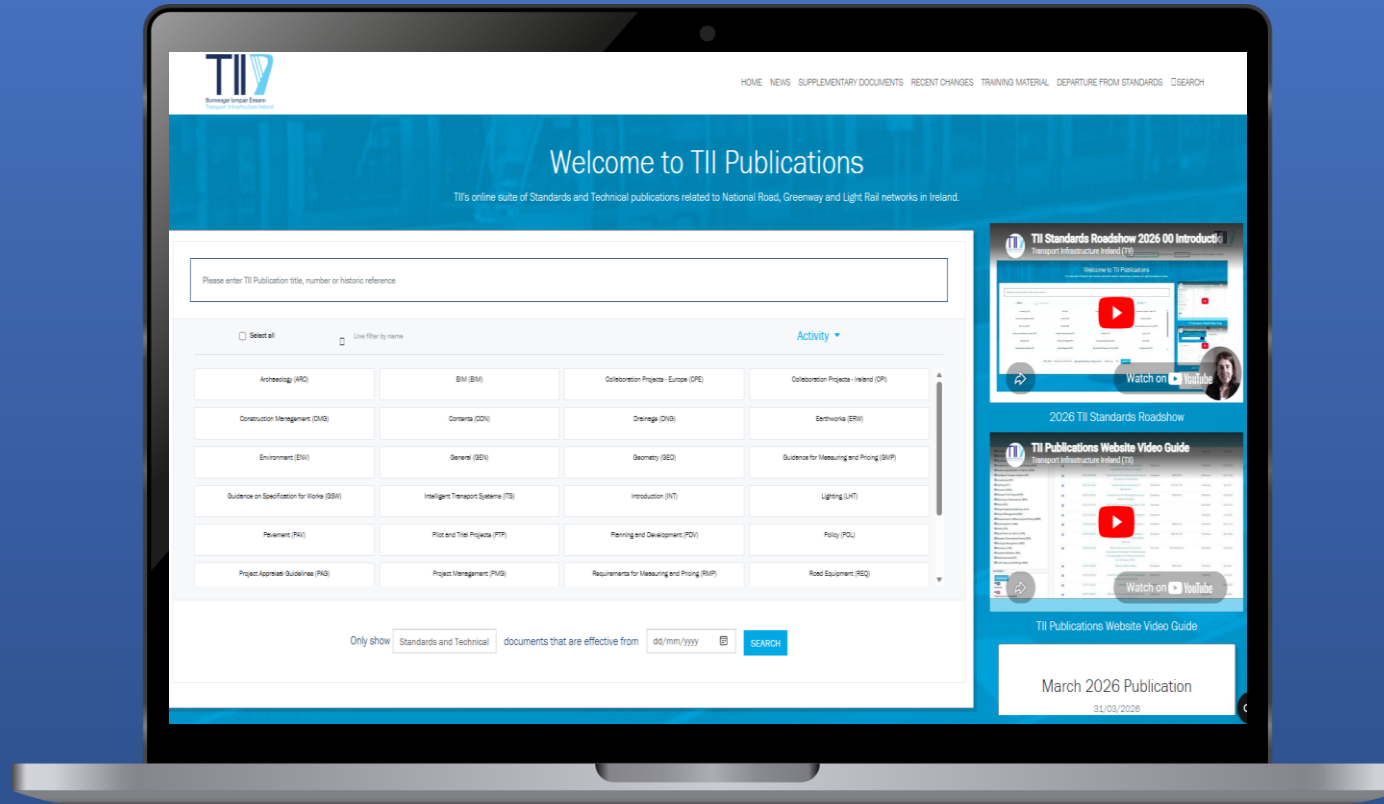
RE-PTP-07003
February 2017

RE Research

Technical

Where Can TII Publications Be Found?

TII Publications Website can be found at <https://publications.tii.ie/>



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TII Publications Website - Document Search Video Guide.



Downloading Search Results.

- The search results can be downloaded to a .csv by selecting the 'Download as Microsoft Excel (.csv)' button above the results list.

The screenshot shows the TII (Transport Infrastructure Ireland) search results page. The page header includes the TII logo and navigation links for HOME, NEWS, and SUPPLEMENT. Below the header, there is a search bar with an 'Amend Search' button. To the right of the search bar, a blue button labeled 'Download as Microsoft Excel (.csv) - 14 documents' is highlighted with a red rectangular box. Below the search bar, there are filters for SEARCH TERM, KEYWORD, SET, TYPE, and STREAMS. The search results are displayed in a table with columns for 'All', 'None', 'Invert', 'Publication Number', and 'Title'. Two results are visible, both with a 'DESIGN' tag and a checked checkbox:

All	None	Invert	Publication Number	Title
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DN-DNG-03022	Drainage Systems for National Roads
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DN-DNG-03061	Design of Outlets for Surface Water Channels (including Amendment No. 1 dated June 2015)

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Documents related to the TII Publications System

A number of other TII Documents, closely aligned with the TII Publications System, but not a formal part of it, are available for download below:

- + Departures from Standards
- + Earthworks
- + Environment
- + DN-GEO-03030 Documents
- + Library of Standard Item Descriptions
- + Lighting
- + Pavement
- + Pilot and Trial Projects
- + Project Appraisal Guidelines (PAGS)
- + Road Equipment (REQ) VRS etc
- + Safety
- + **SCD Compiled Sets**
- + Specification for Works - CC-SPW Documents Sample Appendices
- + Traffic Signs Approvals Procedure Downloads
- + TII Costs Estimating
- + TII Standards Related Documents

Publications

Road, Greenway and Light Rail networks in Ireland.

2026 TII Standards Roadshow

TII Publications Website Video Guide

March 2026 Publication

31/03/2026

TII Training



HOME NEWS SUPPLEMENTARY DOCUMENTS RECENT CHANGES **TRAINING MATERIAL** DEPARTURE FROM STANDARDS SEARCH

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

Select all

Live filter by name

Activity ▾

Archaeology (ARC)	BIM (BIM)	Collaboration Projects - Europe (CPE)	Collaboration Projects - Ireland (CPI)
Construction Management (CMG)	Contents (CON)	Drainage (DNG)	Earthworks (ERW)
Environment (ENV)	General (GEN)	Geometry (GEO)	Guidance for Measuring and Pricing (GMP)
Guidance on Specification for Works (GSW)	Intelligent Transport Systems (ITS)	Introduction (INT)	Lighting (LHT)
Pavement (PAV)	Pilot and Trial Projects (PTP)	Planning and Development (PDV)	Policy (POL)
Project Appraisal Guidelines (PAG)	Project Management (PMG)	Requirements for Measuring and Pricing (RMP)	Road Equipment (REQ)

Only show documents that are effective from

TII Publications Website Video Guide
Transport Infrastructure Ireland (TII)

Watch on YouTube

TII Standards Roadshow 2025 - 01. Intro
Transport Infrastructure Ireland (TII)

2025 TII Standards Roadshow



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TII Training

- Training Schedule 2026
- TII YouTube - <https://www.youtube.com/@TransportInfrastructureIreland/videos>

Home > Training Material

Training Material

Training Schedule 2026

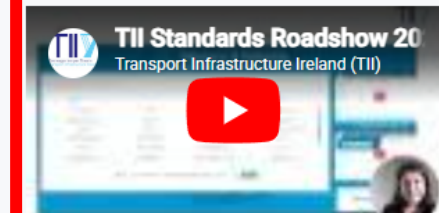
Title	Date	Provider	Method of advertisement	Delivery method	Link to programme /recordings	Details
Design & Lifecycle of Road Pavements	11/02/2026 to 11/03/2026	EI TU Dublin TII Arup	Engineers Ireland event calendar and infoPUBs email	In person Midlands Park Hotel Portlaoise	Link	This programme will consist of 4 training days across a three-week period followed by an assessment day approximately 2 weeks later. This programme is accredited by the Technological University of Dublin (TU Dublin) as a Level 9 programme on the National Qualifications Framework (NQF) and has accredited value of 5 ECTS Credits.
TII Standards Roadshows	4th March 2026	TII	Regional Nomination / infoPUBs email	In person Mullingar		Presentations on recent and upcoming changes to TII Publication Standards.
Vehicle Restraint Systems Design	26th & 27th May 2026	EI TII Consultants	Engineers Ireland event calendar and infoPUBs email	In person Mullingar	Link	2 day course; delegates will be awarded with a Special Purpose Award from TU Dublin (Technological University Dublin) at Level 8, worth 1 ECTS credit.
Geometric Road	06/10/2026	EI	Engineers Ireland	In person Midlands Park		This programme will consist of 4 training days across a 2-week period followed by an assessment day approximately 2 weeks later. This programme is accredited by

Training Material

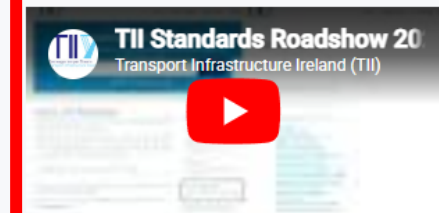
TII Collision Reduction Tool - Tutorial Video



2026 TII Standards Roadshow



2025 TII Standards Roadshow



+ 2026 Roadshow

+ 2025 Roadshow



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TII's Publications Mailing List - tiipublications@tii.ie

Email Alerts

TII issues an email alert to all subscribed users of TII Publications when updates are published on the website.

To receive these alerts, please click the "Subscribe" button below and send the pre-formatted email that appears. By subscribing you are consenting to allow TII to store your email address to send you alerts and other information relating to TII Publications.

You may unsubscribe at any time by clicking the "Unsubscribe" button below and sending the pre-formatted email.

Subscribe

Unsubscribe

TII Departures From Standards

GE-GEN-01005 Departures From Standards.

What is a Departure?

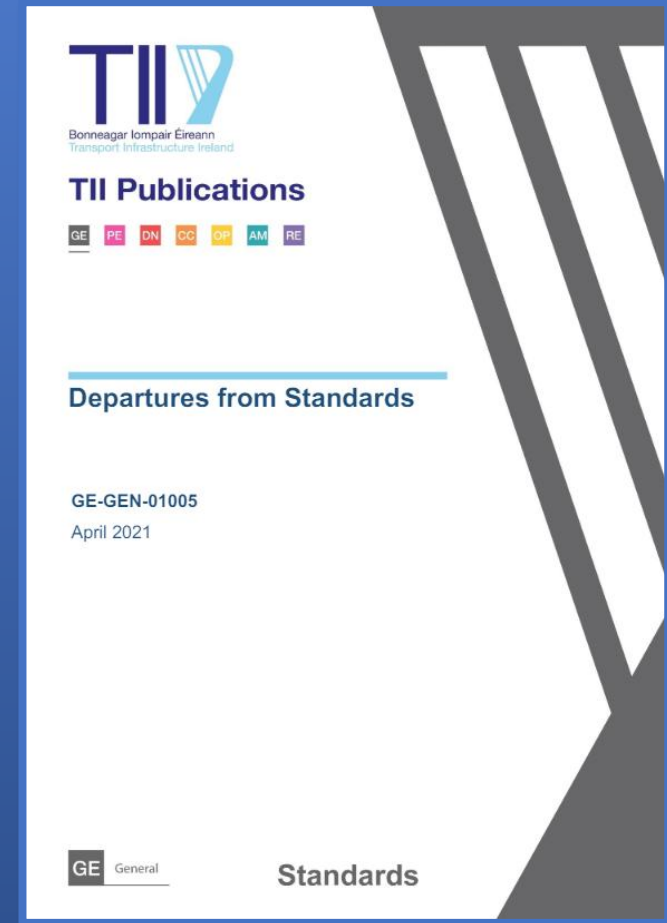
A Departure from Standard is defined as a deviation from the requirements of TII Standards.

Departure Decisions

Departures are reviewed by TII and returned to the Applicant as one of the following:

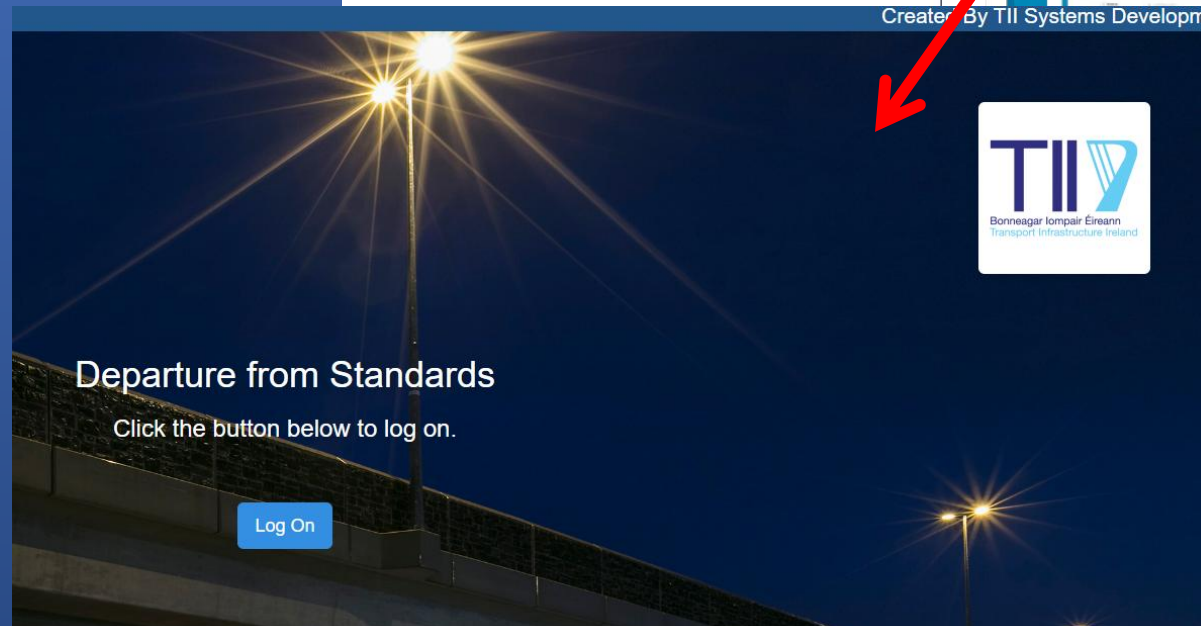
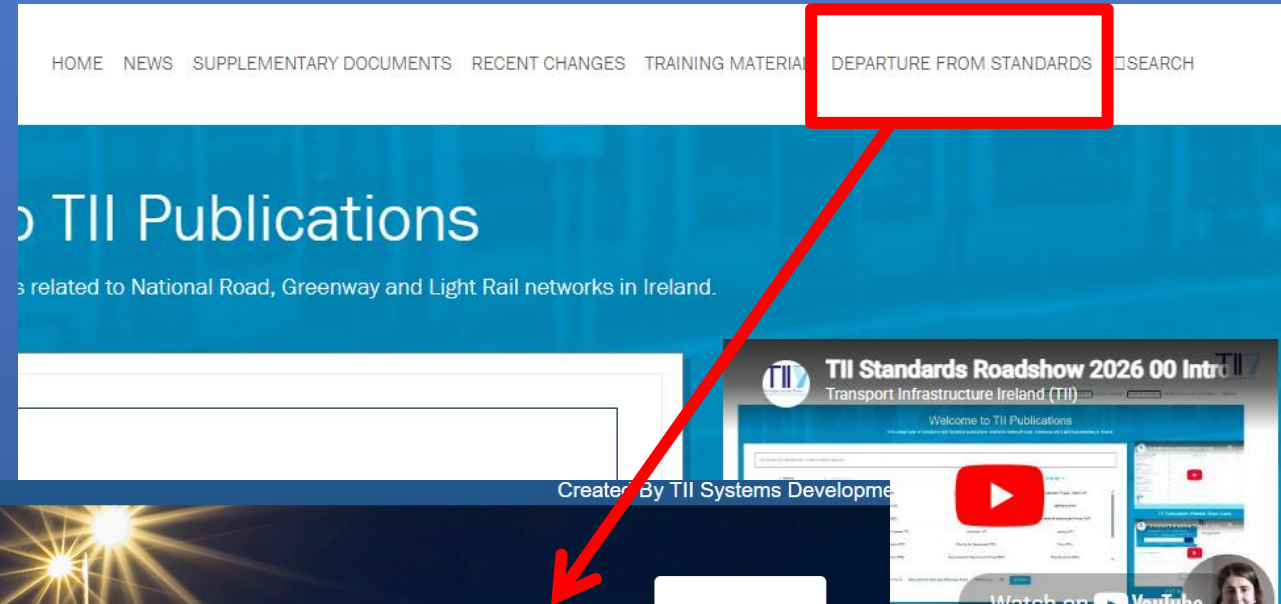
- Accepted
- Refused
- Rejected

**** 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

- All Departures are submitted using the TII Web-based Departures Portal at <https://dfs.tii.systems/login>
- Email infoDEPS@tii.ie to request access, to set up a new project group or to be added to an existing project group.
 - Automatic reply will direct you to an online registration form.
- Information required
 - User Contact Details
 - Scheme Details
 - Relevant Road Authority Contact
 - Additional Users



Departures Portal – User Manual

HOME NEWS **SUPPLEMENTARY DOCUMENTS** RECENT CHANGES TRAINING MATERIAL DEPARTURE FROM STANDARDS SEARCH

Welcome to TII Publications

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

number or historic reference

Live filter by name Activity

BIM (BIM)	Collaboration Projects - Europe (CPE)	Collaboration Projects - Ireland (CPI)
Contents (CON)	Drainage (DNG)	Earthworks (ERW)
General (GEN)	Geometry (GEO)	Guidance for Measuring and Pricing (GMP)
Intelligent Transport Systems (ITS)	Introduction (INT)	Lighting (LHT)

Home > Supplementary Documents

Supplementary Documents

Documents related to the TII Publications System

A number of other TII Documents, closely aligned with the TII Publications System, but not a formal part of it, are available for download below:

- Departures from Standards
 - User Manual Departures**
 - Application Form For Test Departure
- + Earthworks
- + Environment
- + DN-GEO-03030 Documents
- + Library of Standard Item Descriptions
- + Lighting
- + Pavement

DN-GEO-03030 – When to Use it

“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 this Standard is applicable.

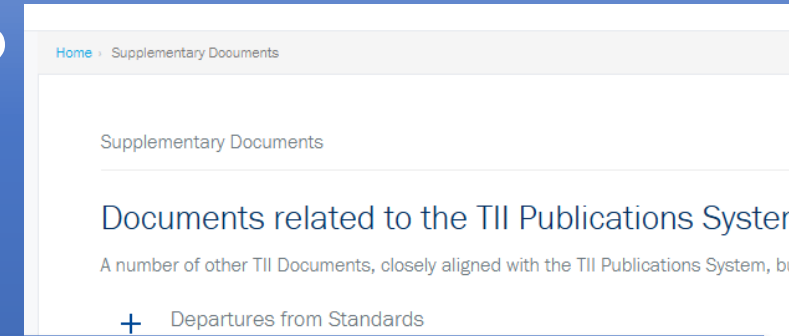
1. A commercial development being promoted by a private entity which accesses a National Road.
2. A rural greenway being funded by government grants that crosses a National Road.
3. A tidy towns scheme from local fundraising that enhances a village on a National Road.
4. A roundabout sponsorship scheme 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 Required?

- Should be submitted prior to Statutory Processes. E.g. Part 8.
- Contents as per sample report
 - Remove/Add headings as necessary.
 - Relative to the scale of works.
- Design Drawings – updated to incorporate RSA comments prior to submission of design report.
- Road Safety Audit.
- Total Scheme Budget (refer to PE-PMG-02044).
- Project Appraisal Balance Sheet.
- Departure Application Forms.
- Quality Audit & DMURS Compliancy Statement where applicable.

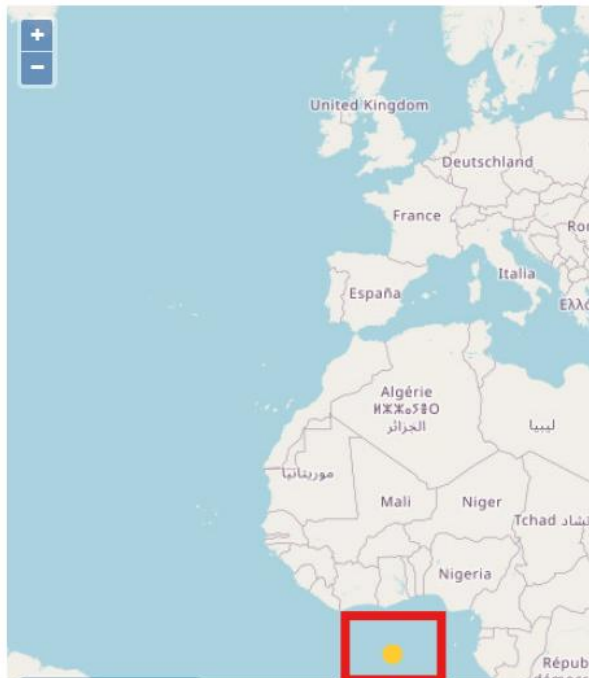


6.10	Pavement.....
6.11	Safety Barrier Risk Assessment and Provision
6.12	Traffic Signs and Road Markings.....
6.13	Accommodation Works
6.14	Lighting
6.15	Departures from Standard.....
7	Road Safety Audit
8	Total Scheme Budget.....
9	Project Appraisal Balance Sheet
	Appendix A – Design Drawings
	Appendix B –Road Safety Audit
	Appendix C – Cost Estimate.....
	Appendix D – PABS
	Appendix E - Departures from Standard.....

The Design Report – Common Issues?

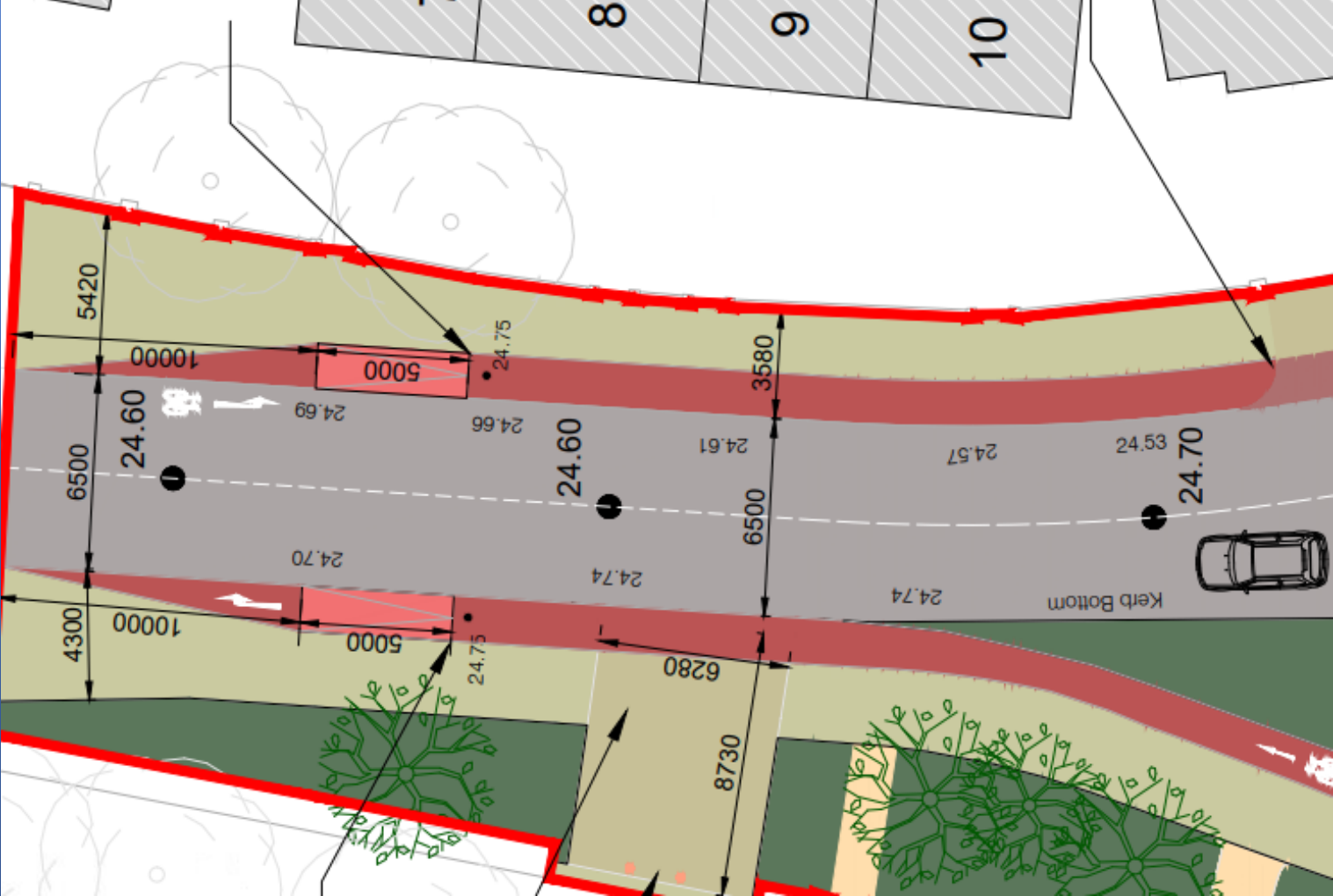
- Relevant Publication – always DN-GEO-03030
- Departure Centre Point
- Design Drawings
 - Insufficient detail provided to allow for complete review
 - Not updated to incorporate RSA comments
- Road Safety Audit
 - Does not to include signed feedback form
 - Where required, exceptions report are to be approved by TII prior to acceptance of the design report
- Departure Application Forms not included
- Quality Audit & DMURS Compliancy Statement not provided where applicable
- Design of Active Travel Facilities

Publication Stream	Geometry
Publication	DN-GEO-03030 (Design Ph
Departure Type	n/a
TII Publication Paragraph	n/a

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

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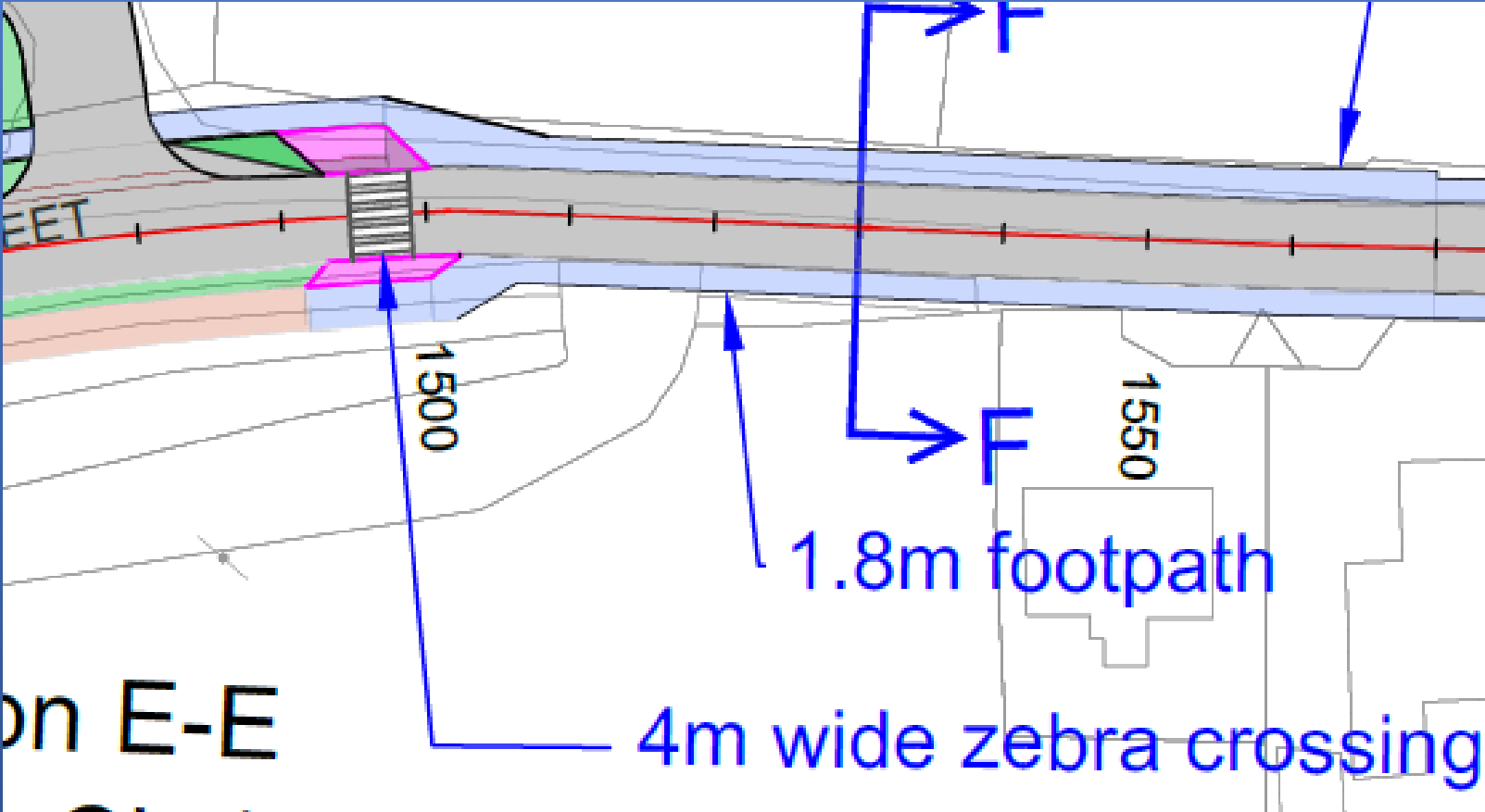
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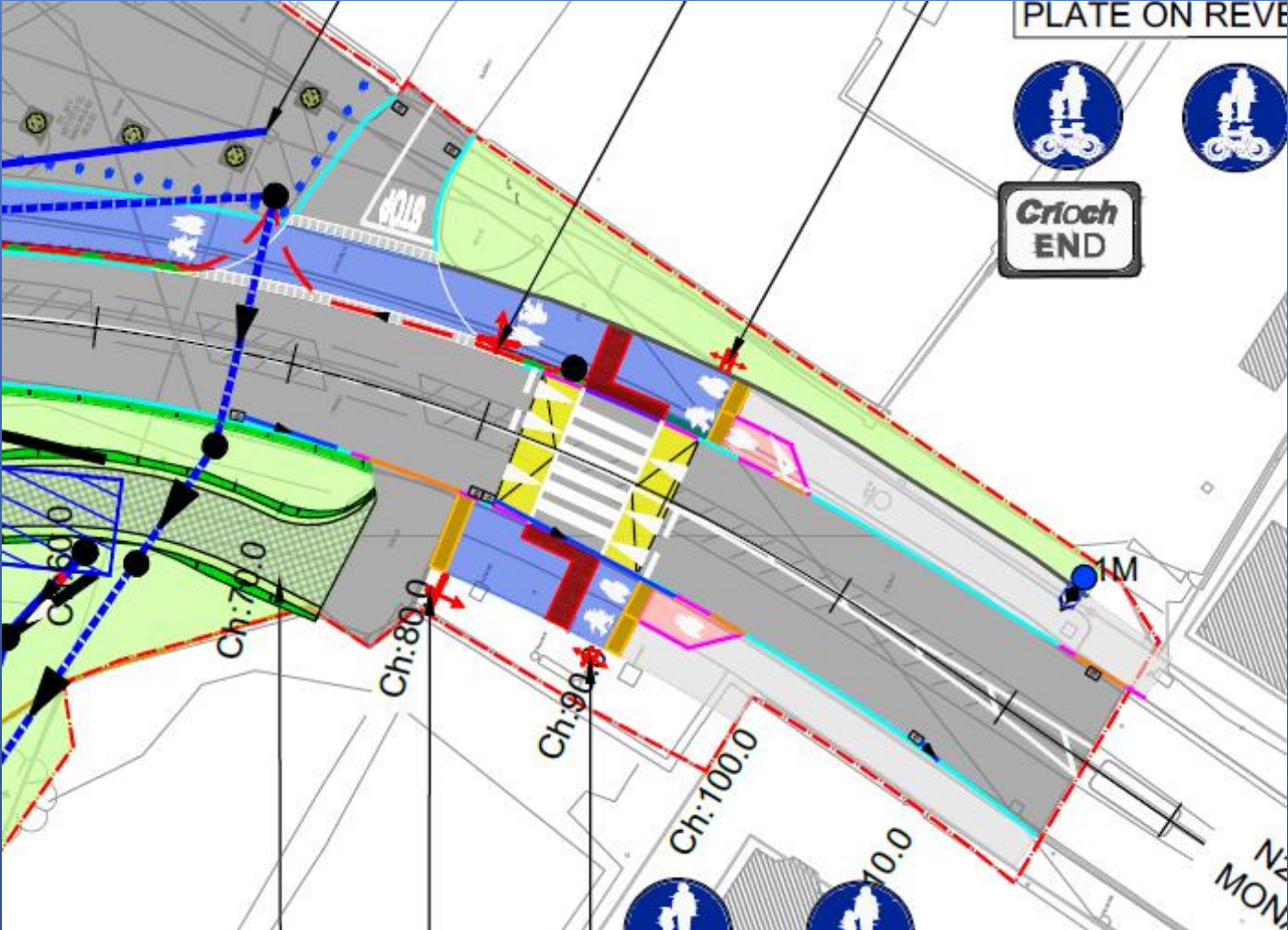
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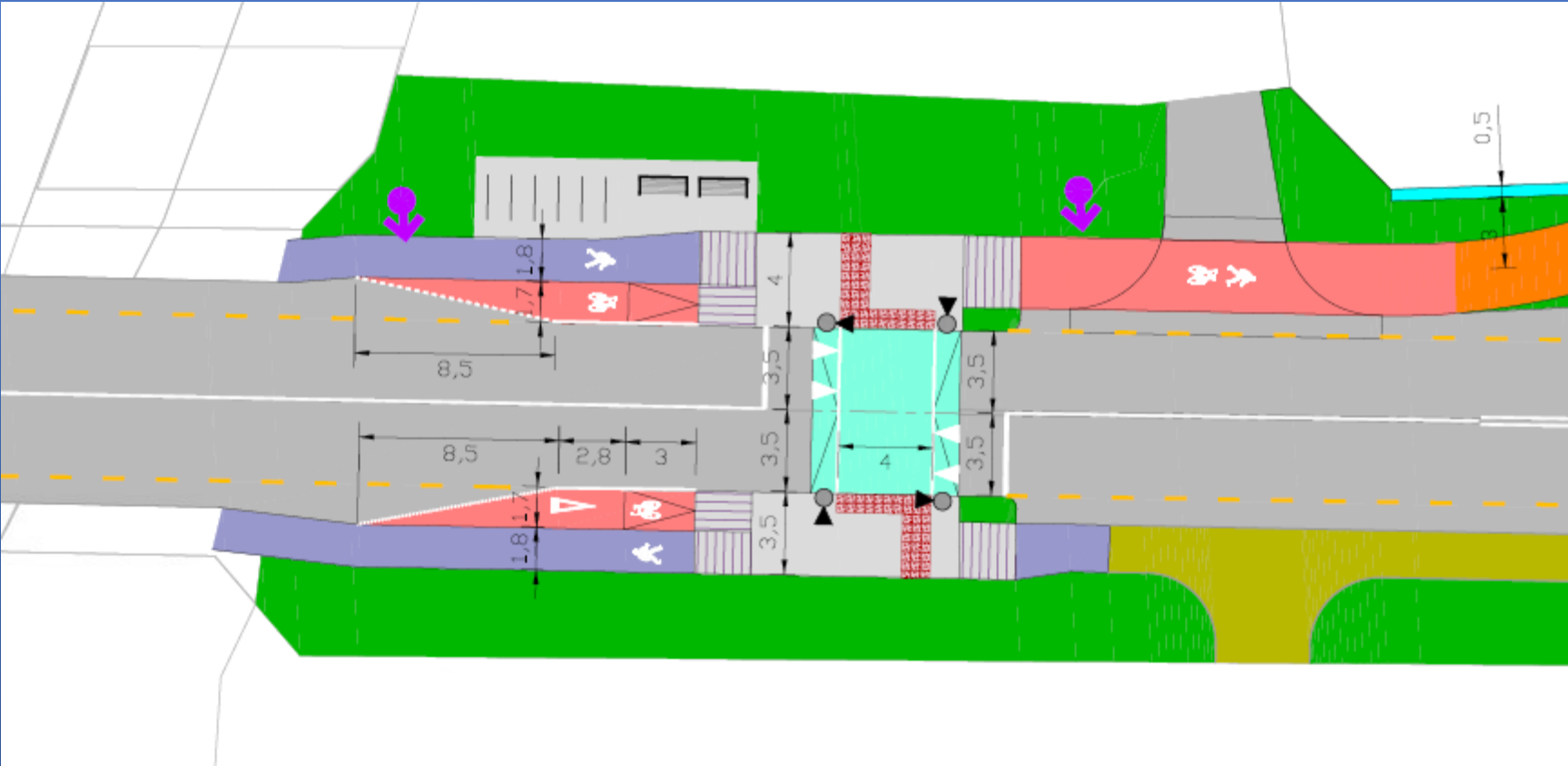
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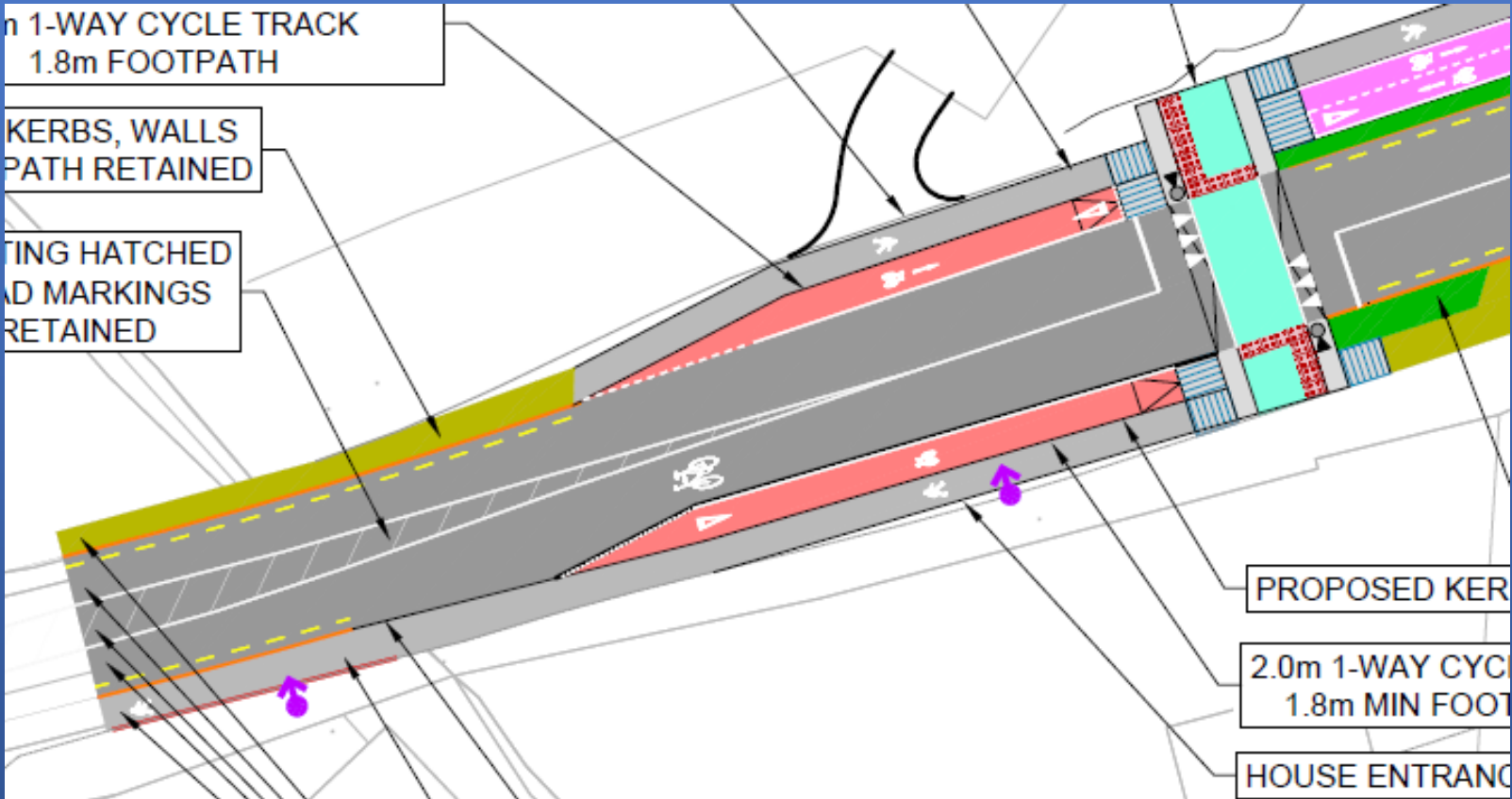
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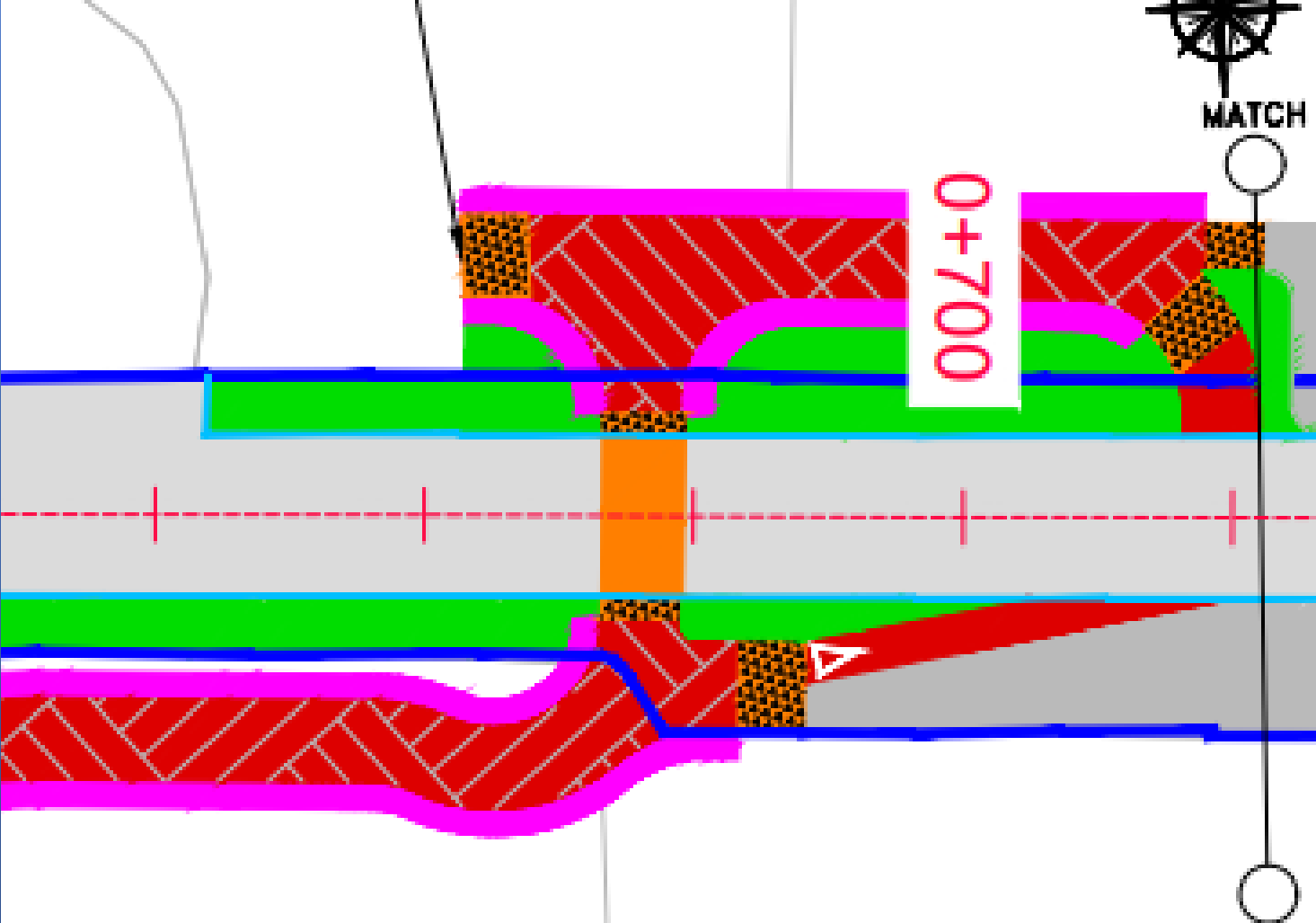
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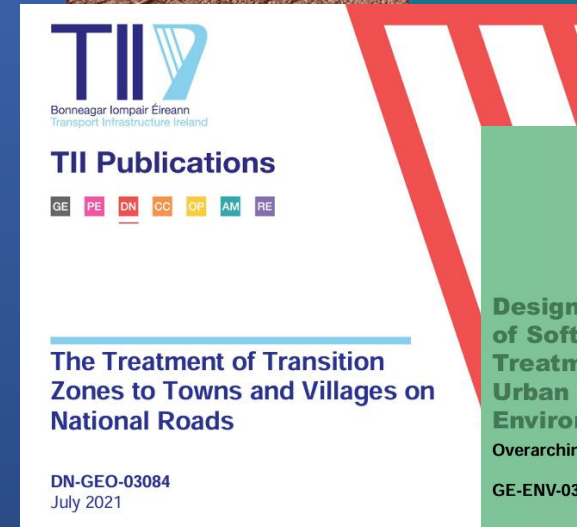
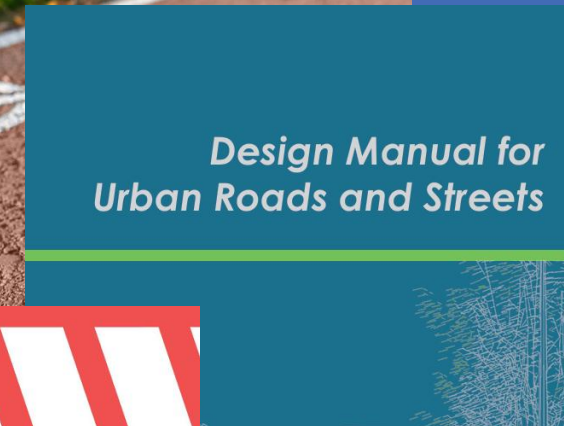
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Designing Routes Through Towns and Villages.

- Is there an issue?
 - Yes
- What is the issue?
 - Multiple design standards with different purposes – TII Publications / DMURS / CDM
 - Standards were developed at different times and for varied priorities.
 - Challenges in Hybrid Environments
 - National routes often serve as both strategic corridors and local streets, complicating standard application decisions.



Designing Routes Through Towns and Villages.

- Next steps.
 - Review of existing documentation.
 - Are there gaps or conflicting information in the current guidance provided?
 - Is it clear when each document should be applied?
 - Review of existing projects & lessons learnt.
 - N76 Grangemockler & N28 Ringskiddy

The project is primarily to be designed in accordance with the Design Manual for Urban Roads and Streets (DMURS).

The following standards are to be considered where applicable.

- TII DN GEO-03084, 'The Treatment of Transition Zones to Towns and Villages on National Roads'
- DN-GEO-03030, 'Design Phase Procedure for Road Safety Improvement Schemes, Urban Renewal Schemes and Local Improvement Schemes.'
- DN-GEO-03036 'Cross Sections and Headroom'
- DN-GEO-03047 'Rural Cycleway Design (Offline & Greenway)'
- DMURS – Design Manual for Urban Streets
- NTA – Cycle Design Manual
- Traffic Signs Manual (TSM)

N76 Grangemockler

The following key context areas were identified in the Village



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N76 Grangemockler

Before



After



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N76 Grangemockler

Before



After



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N28 Ringaskiddy Urban Realm & Active Travel



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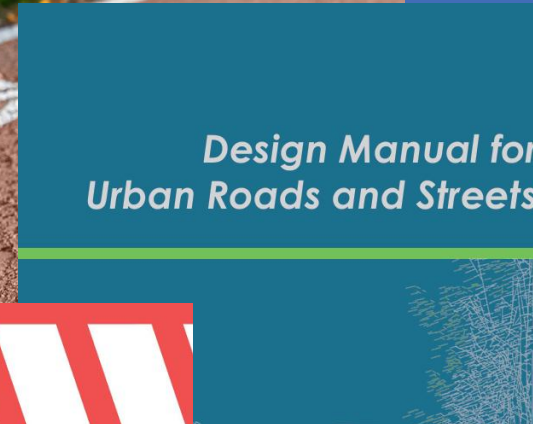
Designing Routes Through Towns and Villages.

- Potential Outcome
 - Is a new document or updates to existing standards & guidance documentation required?
 - Provision of training?

The project is primarily to be designed in accordance with the Design Manual for Urban Roads and Streets (DMURS).

The following standards are to be considered where applicable.

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- NTA – Cycle Design Manual
- Traffic Signs Manual (TSM)



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Sign up to TII's Publications Mailing List - tiipublications@tii.ie

Queries related to TII Publications - infopubs@tii.ie

Queries related to Departures from Standards - infodeps@tii.ie



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Brian O'Flaherty, Senior Engineer Research and Standards, Transport Infrastructure Ireland (TII)

THANK YOU



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Join the Q&A session at **Slido.com**
and enter 2063208 or via the **QR**
Code.

**Questions must include name
and associated Local Authority
to be considered by the panel.**

