



Transport Infrastructure Ireland

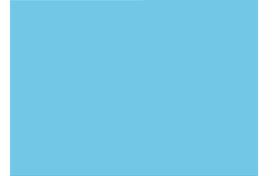
Standards Roadshow 2026



ESTHER MADDEN AND BRIAN O'FLAHERTY (TII)



JONATHAN CASE AND MANSI VISHWAKARMA (ARUP)



Drivers for Change

- Accelerating Infrastructure Report 2025
- Government and TII Policies and Strategies
- Compliance with the EU regulations
- Ongoing developments in international standards
- Technical developments (materials, products, systems)
- Research - both internal and external
- Feedback from National Roads Projects e.g. MMARC Contracts
- Input from industry



Welcome to TII Publications

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

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Activity ▾

Archaeology (ARC)	BIM (BIM)	Collaboration Projects - Europe (CPE)	Collaboration Projects - Ireland (CPI)
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Project Appraisal Guidelines (PAG)	Project Management (PMG)	Requirements for Measuring and Pricing (RMP)	Road Equipment (REQ)

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TII Publications Website Video Guide

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TII Publications Website Video Guide



TII Standards Roadshow 2025 - 01, Intro...

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2025 TII Standards Roadshow

February 2026 Publication

27/02/2026

February 2026 Publication Update

Amend Search

SEARCH TERM

KEYWORD

Live filter by keyword...

SET

TYPE

STREAMS

- All Streams
- Drainage (DNG)
- Earthworks (ERW)
- Geometry (GEO)

ACTIVITIES

- All Activities
- GE
- General
- PE
- Planning and Evaluation
- DN
- Design
- SC
- Construction and Commissioning
- SP
- Operations
- AM
- Asset Management
- RE
- Research

Download as Microsoft Excel (.csv) - 44 documents

44 Documents found

All None Invert

	Publication Number	Title	Set	Historic Reference	Publish Status	Date
GENERAL						
<input checked="" type="checkbox"/>	GE-GEO-01021	NRA TA 85 Preliminary Design Report - NRA Review Record	technical		Withdrawn	Dec 2013
<input checked="" type="checkbox"/>	GE-ERW-01001	Ground Investigation Guidance Document Part 1 - Overview	technical		Published	Sep 2024
<input checked="" type="checkbox"/>	GE-ERW-01002	Ground Investigation Guidance Document Part 2 - Supplementary Information	technical		Published	Feb 2025
DESIGN						
<input checked="" type="checkbox"/>	DN-DNG-03022	Drainage Systems for National Roads	standards	NRA HD 33	Published	Feb 2024
<input checked="" type="checkbox"/>	DN-DNG-03061	Design of Outlets for Surface Water Channels (including Amendment No. 1 dated June 2015)	standards	NRA HD 78	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03062	Edge of Pavement Details (including Amendment No. 1 dated June 2015)	standards	NRA HD 139	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03064	Drainage of Runoff from Natural Catchments (including Amendment No. 1 dated June 2015)	standards	NRA HD 106	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03063	Vegetated Drainage Systems for Road Runoff (including Amendment No. 1 dated June 2015)	standards	NRA HD 103	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03067	Spacing of Road Gullies (including Amendment No. 1 dated June 2015)	standards	NRA HD 102	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03065	Road Drainage and the Water Environment (including Amendment No. 1 dated June 2015)	standards	NRA HD 45	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03066	Design of Earthworks Drainage, Network Drainage, Attenuation & Pollution Control	standards	NRA HA 33	Published	Mar 2015
<input checked="" type="checkbox"/>	DN-DNG-03068	Hydraulic Design of Road-Edge Surface Water Channels (including Amendment No. 1 dated June 2015)	standards	NRA HD 137	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03070	Determination of Pipe and Bedding Combinations for Drainage Works (including Amendment No. 1 dated June 2015)	standards	NRA HD 140	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03071	Design of Outfall and Culvert Details (including Amendment No. 1 dated June 2015)	standards	NRA HD 107	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-DNG-03072	Design of Soakaways (including Amendment No. 1 dated June 2015)	standards	NRA HD 118	Published	Jun 2015
<input checked="" type="checkbox"/>	DN-ERW-03083	Managing Geotechnical Risk	standards		Published	May 2024
<input checked="" type="checkbox"/>	DN-GEO-03027	Police Observation Platforms on Motorways	standards	TA 66	Withdrawn	Dec 2002



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December 2025 Publication

Created 10/12/2025

Transport Infrastructure Ireland (TII) has published its **December 2025 update** to standards and guidelines, introducing **7 new documents** and updating **10 existing ones**. These updates strengthen design quality, environmental compliance, and delivery consistency across Ireland's transport projects. For a full list of updated documents, please see the attached table.

Last updated 10/12/2025

TII Updates Standards and Guidelines



Transport Infrastructure Ireland (TII) has updated its standards and guidelines for transport projects.

Key Highlights

Structures:

New standard on **Aesthetics of Road Structures** aiming to ensure aesthetics are appropriately considered throughout all phases of the life cycle of a project. Technical Acceptance of Road Structures now includes **electricity pylons** and has also been updated to align with the phases and deliverables as defined in the Project Management Guidelines.

Standard Construction Details:

Gantry Groups 8, 9, and 10 revised for **greater consistency and reliability**, reducing design variability.

Environment:

Biodiversity Metric documents published, paving the way for a **Biodiversity Impact Assessment Standard in 2026**.

Air quality standards updated to meet **EU Ambient Air Quality Directive (2024/2881)**.

New **Water Impact Assessment standards** replace outdated hydrology guidance.

Pricing Guidance:

Greenway Schedule of Rates 2025 introduced to support accurate cost planning.

Why It Matters

These updates will:

- Improve **design and approval processes**.
- Ensure **environmental compliance** with EU directives.
- Deliver **consistent construction standards** for gantries and water assessments.
- Provide **better cost estimation tools** for greenway projects.

The documents were uploaded on the TII Publications website on 10 December 2025, and the effective date of these documents should be taken as 10 December 2025.



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Supplementary Documents

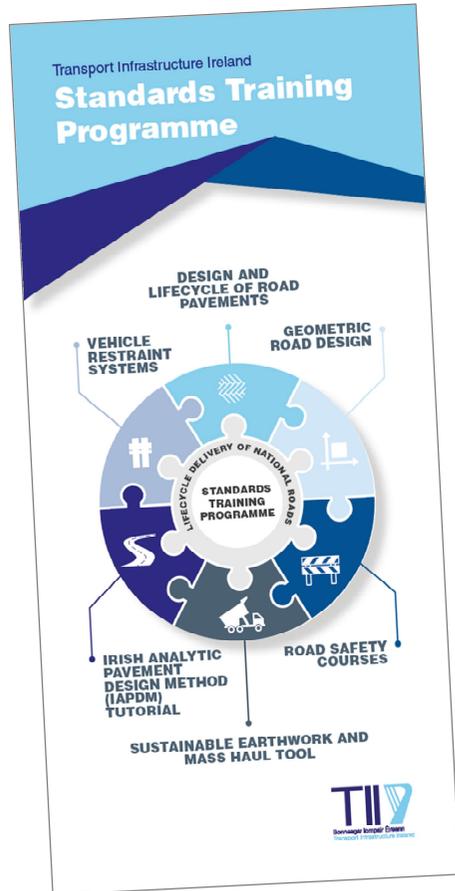
Documents related to the TII Publications System

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
- + Earthworks
- + Environment
- DN-GEO-03030 Documents
 - [Application Form For Departure Using DN GEO 03030](#)
 - [Sample Design Report Junction Upgrade](#)
 - [Sample Design Report Local Realignment](#)
- + 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



Upcoming Training 2026



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 Design	06/10/2026 to 04/11/2026	EI 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 2-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 (5 ECTS) programme on the National Qualifications Framework (NQF). Assessment Day
Online Tutorial - Practical Application of DN-PAV-03021 Analytic Pavement Design and the IAPDM	TBC	TII Arup	infoPUBs email	Webinar		The aim of the tutorial is to show, through practical worked examples, the implementation of the pavement evaluation and design methods detailed in the above TII Publications. There will also be questions and answer sessions to respond to questions and comments from those in attendance.
Certificate in Road Safety Audit and Engineering	tbc	ATU Sligo	InfoPUBs email		Link	A postgraduate Special Purpose Award at Level 9 (NFQ) meeting the academic requirements for a Certificate of Competence in Road Safety Audit.

TRAINING VIDEOS

TII Collision Reduction Tool - Tutorial Video

— 2025 Roadshow

- [Air Quality](#)
- [Biodiversity Standard](#)
- [Collision Prediction Model](#)
- [Departures From Standards](#)
- [Ground Investigation Guidance](#)
- [Introduction To NTA Technical Standards](#)
- [Noise And Vibration Assessment](#)
- [Population And Human Health Assessment](#)
- [Project Management Guidelines](#)
- [Recent Developments Pavements Standards](#)
- [Requirements For Measuring And Pricing](#)
- [Road Emissions Model Update](#)
- [Rural Cycleway Design Structures](#)
- [Soft Landscaping](#)
- [Temporary Safety Measures Inspection](#)
- [VRS Maintenance Guidance Handbook](#)

+ 2024 Roadshow

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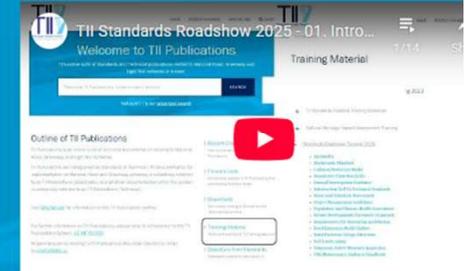


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Outline of TII Publications

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2025 TII Standards Roadshow

February 2026 Publication

27/02/2026

February 2026 Publication Update

TII Standards Roadshow 2026 – Mullingar Park Hotel, Dublin Road, Mullingar, Co. Westmeath
Wednesday 4th March 2026
Recent Developments in TII Publications – Standards, Technical Documents and Training

OUTLINE PROGRAMME (subject to change)			
		<i>Topic</i>	<i>Presenter</i>
		<i>Registration Tea/Coffee</i>	
9.30	10 mins	<i>Welcome and Introduction</i>	<i>Esther Madden, Brian O’Flaherty, TII</i>
9.40	15 mins	<i>Environmental Compliance Monitoring & Enforcement and the impacts for EIAR preparation</i>	<i>Helen McDonnell, TII</i>
9.55	15 mins	<i>Water Quality Standards</i>	<i>Oonagh Duffy, TII</i>
10.10	15 mins	<i>Noise Standards for National Roads</i>	<i>Stephen Byrne, TII</i>
10.25	15 mins	<i>Biodiversity Standards</i>	<i>Colin Murphy, TII</i>
10.40	10 mins	<i>Q&A</i>	<i>All</i>
10.50	20 mins	<i>Break</i>	
11.10	60 mins	<i>BIM</i>	<i>Jansi George, TII (tbc Jacobs)</i>
12.10	10 mins	<i>Q&A</i>	<i>All</i>
12.20	10 mins	<i>Training Survey</i>	<i>Brian O’Flaherty, TII</i>
12.30	60 mins	<i>Lunch Break</i>	
13.30	15 mins	<i>Traffic Assessment – PE-SMG-02002</i>	<i>Kevin Crawley, TII</i>
13.45	15 mins	<i>National Transport Authority Standards</i>	<i>Noel Fennelly NTA</i>
14.00	15 mins	<i>Road Safety Review Report as part of Road Safety Assessment - update</i>	<i>Peter Dickson, RPS</i>
14.15	10 mins	<i>Changes to Lay-by provision – DN-GEO-03052</i>	<i>tbc, Arup</i>
14.25	10 mins	<i>Q&A</i>	<i>All</i>
14.35	5 min	<i>Close Out</i>	<i>Esther Madden, Brian O’Flaherty, TII</i>
14.40		<i>Finish</i>	



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