

Responses to queries raised during the TII Standards Roadshow 2023				Any further queries relating to TII Publications should be emailed to infopubs@tii.ie	
Topic	Presenter	Organization	Date	Query	Response
General	Albert Daly	TII	17/05/2023	Will the slides be available somewhere afterwards? Maybe a recording of the webinar?	The presentations will be made available on the TII Publications website after the event: see https://www.tiipublications.ie/training/
Environmental Planning of National Roads & Greenways	Christian Nea	TII	17/05/2023	Does RE-ENV-07008 include any guidance on EIA Scoping? Since it is not legally required, there is lack of guidance available on the contents of a scoping report.	The document deals with planning and environmental law requirements. There is some guidance on the law relating to scoping. It doesn't, however, give technical guidance but it does refer out to the current best practice guidance.
Environmental Planning of National Roads & Greenways	Christian Nea	TII	17/05/2023	How long can projects be suspended either at end of Phase 2 or Phase 3 before the assessment of Environmental Impacts becomes redundant and the project must undertake the Phase 2/3 assessments again.	Different pieces of data lose their accuracy over different periods of time. For example, habitat surveys might remain valid for a long period of time, but surveys of mobile species might need to be supplemented or updated more frequently.
Environmental Planning of National Roads & Greenways	Christian Nea	TII	17/05/2023	Is RE-ENV-07008 applicable to active travel projects? The title only refers to National Roads & Greenways?	Active travel projects of relevance to TII are a form of national road project and they are covered by the document. The document does contain notes of particular relevance to active travel projects.
Pavement – Unbound and Hydraulically Bound Mixtures	Alan Lynch	Arup	17/05/2023	Does CC-SPW-00800 include a table to compare the new UGM & HBM specifications to older specifications such as C180 or 6F2?	A comparison table has not been prepared as TII would like the new materials/categories to be considered independently as defined in the updated specification.
Pavement – Unbound and Hydraulically Bound Mixtures	Alan Lynch	Arup	17/05/2023	The 800 series (and 900) now have a different numbering system, but there are references to materials in other series like 100, 500 to the old references. Is there a plan to update other series documents to align all?	Yes, these related documents are currently being prepared for updating and publication to ensure alignment.
Pavement – Unbound and Hydraulically Bound Mixtures	Alan Lynch	Arup	17/05/2023	Any idea when the EPA propose to release their document? It feels like the continued difficulties to clear Article 28 regulations are making recycled materials unavailable to local authorities under environmental legislation.	TII have been involved in the consultation process, however, the expected date of publication of the Criteria for a National Decision on End-of-Waste for Recycled Aggregates is not known to TII.
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General Pavement	Edward Winterlich	TII	17/05/2023	Should the use of bituminous materials be restricted to situations where proper reuse is not feasible due to lack of local RAP plant to incorporate it into new mixes. This would need removal of bituminous materials from tables 2.3 and 3.6 and notes that bituminous materials may be used as a departure from specification only.	The appropriate use of all materials is a decision for the designer based on Lifecycle Analysis.
Pavement – Unbound and Hydraulically Bound Mixtures	Alan Lynch	Arup	17/05/2023	Are there any restrictions for the use of hydraulically bound materials in the subbase layer?	There are no restrictions on the use of HBM in a subbase layer within the specifications.
Pavement – Unbound and Hydraulically Bound Mixtures	Alan Lynch	Arup	17/05/2023	The new UGM A seems more similar to the old Granular Material Type B (i.e. CI 804), while UGM B resembles the old Type A (i.e. 803). Is that statement correct? And will the similarity in nomenclature lead to confusion?	TII would prefer the new materials to be considered based on the new specification rather than compare with previous specifications.
Pavement – Analytic Pavement and Foundation Design	Alan Lynch	Arup	17/05/2023	Is temperature increase due to climate change being accounted for in pavement design? Irish roads are going to be getting hit with more increased temperatures than they do now.	The new pavement design method provides the tools to consider the impact of climate change. Research is ongoing on how the design parameters should be adjusted to take account of climate change.
Pavement – Analytic Pavement and Foundation Design	Alan Lynch	Arup	17/05/2023	Sub-formation testing and also drainage of road foundation	TII Publications cover the requirements for pavement sub-formation testing and drainage in new pavements and the assessment of existing pavements.
Pavement - Site Documentation, Traceability, Sampling, Storage and Retention of Bituminous Mixtures	Edward Winterlich	TII	17/05/2023	Does TII liaise with National Building Control and Market Surveillance Office for surveillance of quarry materials under the new classifications?	TII Network Management in their role as asset managers or in their role as the Competent National Authority for Road Making materials are not aware of any issues with any aspect of the CC-SPW-00800 materials from either the new or old specifications that would necessitate engagement with Market Surveillance Authorities, National or Local.

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Pavement – Analytic Pavement and Foundation Design	Alan Lynch/ Pavlos Zoulis	Arup	17/05/2023	Does the IAPDM method consider different performances of bituminous materials depending on the season of the year?	An annual representative bituminous material temperature is considered within the bituminous material performance models currently.
Pavement – Analytic Pavement and Foundation Design	Alan Lynch/ Pavlos Zoulis	Arup	17/05/2023	Has the damaged caused to roads by utility companies been covered under the IAPDM design for overlays / inlays?	As part of the existing pavement assessment and design process the consideration of the existing pavement condition is taken into account and would form part of the input to the IAPDM.
Pavement - Site Documentation, Traceability, Sampling, Storage and Retention of Bituminous Mixtures	Edward Winterlich	TII	17/05/2023	What is the main difference between a standard SMA and a Warm Mix SMA?	A warm mix SMA contains an addition to allow it to be produced at lower temperatures. There is no difference in the specification performance requirements.
Pavement - Site Documentation, Traceability, Sampling, Storage and Retention of Bituminous Mixtures	Edward Winterlich	TII	17/05/2023	If a Designer specifies a traditional Hot Mix Asphalt, can the Contractor decide to substitute it for a Warm Mix Asphalt which complies with all of the performance criteria, in accordance with the specifications, without the approval of the Employers Representative?	No. Even though there is no difference in the performance requirement in the specification, we would like to know where the various materials are from an asset management perspective. However, if you have specified a hot mix and would like to change you should consult with your NM Inspector re changing the PARR Report.
Pavement – Bituminous Bound Mixtures	Olivier Mainardis	Arup	17/05/2023	Do additives used in warm mixes affect recyclability?	There is a large variety of WMA additives available on the market. Most additives will not affect recyclability, but some may. Hence why the requirement for all additives to not prevent reuse and recyclability was introduced in CC-SPW-00900. It is the responsibility of the additive manufacturer and the bituminous mixture producer to demonstrate compliance with this requirement. This info should be contained in the products type test report.
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Pavement - Site Documentation, Traceability, Sampling, Storage and Retention of Bituminous Mixtures	Edward Winterlich	TII	17/05/2023	Has there been any discussion on the use of Thermal Road Repair techniques, particularly on National Roads?	Yes, we have, but it has not progressed beyond a demonstration. The method is allowed under Series 900 but requires a prTAIT. We are open to further engagement in this area and any other area of innovation with the Bituminous and Road making materials industry.
Pavement – Bituminous Bound Mixtures	Edward Winterlich /Olivier Mainardis	Arup	17/05/2023	Is there less of a workability window to place a warm mix compared to a hot mix? If you had a line of trucks waiting to tip into the paver, for example?	No. Installation works should be planned so that the material can be installed and compacted above the minimum rolling temperature allowed in the specification.
Updates to Structures Standards	Jonathan Case	Arup	17/05/2023	When is the landscaping standard expected to be published?	It is expected that this will be published towards the end of 2023 / early 2024.
Training update	Jonathan Case	Arup	17/05/2023	Could the Design and Lifecycle of Road Pavements Training and the Geometric Road Design Training, that are currently run through Engineers Ireland, be in person again instead of the current online delivery? I understand the online delivery works easier for some people, but in terms of interaction and engagement there is nothing like in person training and also the networking benefit to the people and the broader road network industry, and maybe to overcome everyone travelling to Dublin maybe hold them in regional locations.	The Geometric Road Design course will be held in person in October 2023 in Athlone. For other training, in person is a possibility and it will be investigated to see which platform is preferred. Online is noted as preferable for carbon reduction policy.
Training update	Jonathan Case	Arup	17/05/2023	When is the next Design and Lifecycle of Road Pavements course due to be run?	Possibly Autumn 2023 and early 2024 tbc.
Training update	Jonathan Case	Arup	17/05/2023	When is the Vehicle Restraint System Design Course due to be run?	This will be run next in September 2023.