Drainage Design and Flood Management

(Lecture 4 of 4)

Drainage Standards for National Roads

Date: Monday 19th October 2015
Time: 19:00 (Tea/Coffee from 18:30)
Venue: Rochestown Park Hotel, Cork
Speaker: Christian Nea - Senior Engineer (Environment), Transport Infrastructure Ireland

Synopsis:
In March, 2015, the NRA significantly revised its drainage standards for major road projects. This revision was precipitated by research carried out under the NRA Research Fellowship Programme and mentored by the NRA Environment Unit, which is documented in a report entitled Drainage Design for National Road Schemes – Sustainable Drainage Options. As a result of this research and a follow-on comprehensive review of its road drainage standards, the NRA has created a new standard NRA HD 33/15 entitled Drainage Systems for National Roads along with a further thirteen new documents that have been incorporated into the NRA DMRB. A significant amendment has also been made to the NRA MCDRW Series 500 including the creation of a large number of new and revised RCDs. Christian’s talk will describe the history of the revision, the previous NRA’s drainage standards; and, the NRA’s new drainage standards.

Speaker Bio:
Christian has worked on national road planning, construction and operation with Wicklow and Kildare County Councils and in the Kildare National Roads Office. In 2005 he started work in the NRA as an Environmental Engineer. Christian now works as a Senior Engineer in the Environmental Policy and Compliance Section of Transport Infrastructure Ireland.

Fee/Booking:
- This is part of a series of four lectures dealing with Drainage Design and Flood Management. Further details at www.engineersirelandcork.ie
- Admission is FREE to Engineers Ireland members on production of membership card/number; book online at www.engineersireland.ie.
- Non-Members welcome; €30 per lecture fee applies (€100 discounted rate for complete series of 4 paid by or on 28th September). Please book online at www.engineersireland.ie. (Note: Debit/credit card payments can only be accepted online).
- Enquiries to: cpd2015@engineersirelandcork.ie