



IPWEAQ TECHNICAL WORKING GROUPS UPDATE

TECHNICAL PRODUCTS

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Standard Drawings

The standards drawings group last met on the 6th April with our next meetings scheduled for 7th June & 9th August. At the last meeting, the group decided to review RS-049 in regards to the allowable number and width of residential driveways table to provide more clarity on the driveway widths.

We also undertook a short reflection on what needs to be achieved in the next two years and it was agreed to set aside a full day once a year for major reviews, with the first event to be hosted by the City of Gold Coast in August. The committee decided to first review the Parks standard drawings.

The group received input from industry on the requirement for small arises in RS-080 for concrete kerbs. It was agreed to amend to 20mm to accommodate the industry request.

ADAC

ADAC continues to gain interest from across industry, with a number of presentations with the

surveying community through the Surveying & Spatial Sciences Institute (SSSI) and the Queensland Department of Natural Resources and Mines (DNRM). These events continue to generate a lot of interest from the survey industry and they are happy to work with IPWEAQ to further the broad acceptance of ADAC. The most recent event was the Queensland Surveying and Spatial Conference, Southport, 4-5 May 2017.

At the last technical reference group meeting a number of changes were finalised and they are now with the Strategic Reference Group for final approval. So, what will be in ADAC 5.0 when it is released later this year? Well the big changes are:-

- Introduction of a Bridge Asset Class
- Separate Class for Road Safety Barrier
- Removal of WSAA specific wording e.g. Pipe Embedment Types
- Removal of Main Roads specific references e.g. Geotextile Class.
- Pram Ramps to be collected as polygons

- Simplification of Kerb and Channel
- Changes to Stormwater End Structures
- Additional options in several areas e.g. frog flaps, fire trails, ductile iron, SN8
- Addition of Stormwater flow management devices

The discussion on BIM is still progressing slowly, myself and Darren Moore (Chair of the SRG) attended a meeting with Andrew Curthoys from DILGP to provide input into the State Government's BIM Strategy. Subsequently IPWEAQ made a submission on the "Building Information Modelling – draft policy and principles for Queensland".

As some of you would be aware, Austroads is undertaking a project to develop a Data Standard for Road Management Investment in Australia and New Zealand. I continue to work with the Austroads Program Manager and we have taken on board some suggestions from the draft documents for the simplification of Kerb and Channel.



IPWEAQ Director, Technical Products, Ross Guppy presenting at the Queensland Surveying and Spatial Conference, Southport, 4-5 May 2017.

MUTCD Part 4: Speed Controls Limit Review

The review of the speed limit setting process aims to improve road safety outcomes in Queensland. The improved process is expected to align closer to the "Safe System" approach that has been adopted in the Road Safety Action Plan to manage road safety in the State. The scope of the Project is essentially limited to the development of the technical process and tools to undertake speed limit reviews. TMR is keen to involve local governments through the involvement of a number of IPWEAQ representatives. In addition to myself we have James Jennings from Brisbane City Council, Etienne LaGrange from Toowoomba Regional Council, Helius Visser from Cairns Regional Council and Stuart Harvey from Rockhampton Regional Council on the working group.

Other related projects will contribute to the successful implementation of the revised speed limit setting guidance. These projects should address community consultation about the "hard conversation" on safe and appropriate speed, risk assessment automation and training for practitioners as required.

Computer Aid Design (CAD) Standards working Group

See separate article from 12D.

Survey Standards working Group

The Survey Standards working group will hold its second meeting on 6th July to develop and finalise a naming code convention. A standard set of codes for underground utility locations in accordance with the AS-5488 standard has also been included. The additional underground service codes will enable those unable to attribute field data into their CAD package and still follow the same naming convention with each utility quality label being in its own model / layer. Colours and line styles will be discussed within the CAD group but will be set through the Survey working Group with a possible convention of W-QA, W-QC etc. (water quality A and C respectively) same for other services.