



ACT
Government

Transport Canberra
and City Services

Place Coordination

ENGINEERING ADVISORY NOTE

EAN 11

Title: Linemarking Issues

Background:

Contractors have raised a number of questions about linemarking installation on projects across the ACT, especially issues in relation to:

- Raised pavers markers,
- Thermoplastic linemarking, and
- Skid resistant testing of linemarking.

The first two issues will be addressed in the soon to be released MITS 11 (Pavement Markings).

The issue of skid resistance will be looked at separately. To achieve full compliance with skid resistance at Operational Acceptance stage requires an authorised testing authority to be present in Canberra. Currently this is not the case. As such, this advisory note offers an option to be implemented temporarily until TCCS finds a permanent solution.

The advisory note clarifies the issues identified above and address the gap in previous specifications which have failed to keep up with the change in technology.

Advice:

Part 1 Raised Pavement Markers

Raised pavement markers shall be used to assist in the delineation of the pavement marking and must meet the requirements of AS 1906.3 and in accordance with requirements specified in RMS Technical Direction Prequalified Retro Reflective Raised Pavement Markers.

Retroreflective markers must have an initial retroreflectivity value as shown in RMS TD 2015/01 as measured by an approved laboratory in accordance with AS1906.3. They must meet the dimensions specified RMS D&C Specification R142.

Certificates of Compliance must be from a laboratory which is NATA accredited for the testing method or a State Road Authority test facility and must not be older than 36 months.

Part 2 Thermoplastic Linemarking

Thermoplastic long-life materials must conform to the following:

- Non profile pavement markings including preformed, extruded, screeded and spray applied must conform to the requirements of AS4049.2
- Profile Pavement Markings must conform to the requirements of RMS D&C Specification 3359.

Where a specification is updated, the version used must be the specification applicable at the close of the tender for the applicable works.

Part 3 Skid Resistance testing for Operational Acceptance

Operational Acceptance can be given on a project without the provision of skid resistance / friction testing results for the linemarking subject to the following conditions;

- The contractor providing a formal written warranty for the linemarking to indemnify the client and the ACT Government from the rectification of any defects and any public liability issues. The letter must also clearly articulate that all cost in relation to the rectification of works and recourse to public liability related issues will be borne by the contractor.
- The contractor must provide the compliant skid resistance / friction test results for the projects linemarking at the time of lodgement of submission for Final Acceptance for the project.

Administrative Arrangement

This Technical Direction will take effect from the latest date of endorsement by the Directors and it applies to projects currently under construction or recently completed and for all future projects.

Prepared by:



Peter Thompson

Project Manager

Roads ACT

Transport Canberra City Services

Date: 11-1-19

Approved by:



Gabriel Joseph

Senior Manager, Place Coordination

Transport Canberra City Services

Date: 11.1.19

Authorised by:



Ken Marshall

Director Roads ACT

Transport Canberra City Services

Date:

Authorised by:



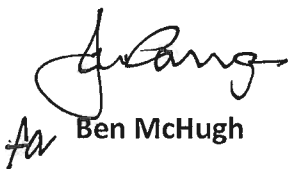
Geoffrey Davidson

Director, Place Coordination and Planning

Transport Canberra City Services

Date: 11.1.19

Authorised by:



Ben McHugh

Executive Director City Places and
Infrastructure

Transport Canberra City Services

Date: 21.1.19

