

# Data Standard Background Information

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## Data Standard Development

1. The AMDS (see below) has recently been developed in New Zealand as a current data standard and RAMM are progressively rolling out data tables that align to this standard.
2. As AMDS is a thorough standard for roading requirements AND RAMM is providing data tables already aligned to this standard, it was logical to use AMDS as the base data definition for assets that are going to be managed in the PNG RAMM database.
3. Modifications have been made to the AMDS requirements where it was felt that they did not suit PNG requirements
4. The PNG RMS Data Standard is aligned to the data structure (tables) in RAMM so that it is practical and simple to use. It can therefore be considered a data requirements and a data structure standard.



The data requirements for networks follow the RAMM 'core' tables (standard tables that can't be changed) as opposed to any separate data standard.

## External Data Standards

### The NZ Asset Management Data Standard (AMDS)

The AMDS is currently being implemented into all road authorities in NZ. I will provide a few links below. I am not expecting you to read all of this, but just in case you want to know where this standard comes from.

- Overall information on the project: <https://www.nzta.govt.nz/roads-and-rail/asset-management-data-standard/>
- Latest release of the standard: <https://www.nzta.govt.nz/roads-and-rail/asset-management-data-standard/development/data-standard-releases/>

### Austrroads Data Standard

Austrroads also have a data standard for roading information. This is not so tightly aligned to RAMM, hence why AMDS was chosen as the base data standard.

- Information on their latest version 4 release can be found here: <https://austrroads.com.au/latest-news/fourth-edition-of-austrroads-road-asset-data-standard>



Austrroads (represented by Sarah Jones (sarah@drivenstrategyandpolicy.com) as the Project Manager) has provided approval that PNG DoWH can include portions of the Austrroads standard in their standard.

