



Standards Variation Note

Our Ref: D24#1222167
From: A/Manager Electrical Asset Management – Steven Howells
Reference: E&ITSDS-01-SVN-03
Effective Date: 26 September 2024
Cease Date: Until further notice
Standard: 08/62: Lighting Design Guideline for Roadway and Public Spaces (Rev. 4W)
Clause(s): 4.2: As Constructed Drawings
Subject: Clarification of required asset drawings for lighting and switchboard assets

Purpose and Application

The Standard Variation Notes (SVN) are intended to provide temporary modifications to existing Main Roads standards, while these standards are being updated to reflect the changes. It is important to note that the information contained in the SVN does not supersede any statutory regulations unless Main Roads has obtained explicit permission to do so.

It is also important to note that the content of the SVN may be updated, clarified, or integrated into the appropriate standard at a later time as part of a revision to the aforementioned standard. This ensures that the information provided in the SVN remains relevant and accurate.

This SVN provides details of the requirements for projects to submit asset drawings at the completion of the project for Main Roads' records.

Background

Main Roads has recently completed a review of the existing published guideline drawings and identified gaps in the published guideline drawings around Main Roads' asset drawing for lighting and switchboard assets.

Relevant Existing Clause(s)

4.2: As Constructed Drawings

Upon completion of all works on sites design drawings shall be amended and modified to represent the asset as built on site. The preparation of As Constructed/Asset Drawings shall be in accordance with Main Roads Design and Drawing Presentation Guideline for As Constructed Asset drawings.

Clarification

The modified clause to *Lighting Design Guideline for Roadway and Public Spaces* (Rev. 4V) is detailed below. No other clauses are updated as part of this variation notice. Additionally, guideline drawings 202348-005407, 202348-005423, 202348-005432, and 202348-005437 have been published and are available on the Main Roads website. Main Roads' drawings 200231-0059, 200448-3007, and 200231-0061 have been rescinded.

4.2: As Constructed Drawings

The project shall submit accurate "As constructed" asset drawings at the Handover of Assets, as defined on the Main Roads website at [Commissioning Decommissioning and Handover](#). The asset drawings required from the project, with the associated guideline drawings, are:

- site layout plan, 202348-005437;
- pole and luminaire schedule, 202348-005423;
- pit schedule, 202348-005432;
- cable topology, 202348-005407;
- underbridge lighting plan, 200231-0057 (if applicable);
- underpass lighting plan, 200448-3011 (if applicable);
- switchboard front-facing general arrangement, either 201531-0021 or 200231-0066; and
- switchboard schematic, either 201531-0023 or 200231-0065.

These drawings shall be created for each switchboard installation completed by the project, apart from the site layout plan where the site layout plan spans two or more switchboards. When there are two or more switchboards on the same site layout plan, the same drawing shall be used for the associated switchboards.

If any assets in the installation deviate away from published Main Roads standard drawings, these drawings shall be accurately amended and submitted with the aforementioned drawings, noting the affected assets in the installation.

Further information

Any additional questions or concerns on this Standard Variation Notice can be directed to the Main Roads *Technical Query and Request for Information Procedure* found on the Main Roads website.

Recommended



Campbell Millar

A/ Senior Electrical Standards Engineer

Date: 26 September 2024

Endorsed

T. Peacock

Tom Peacock

A/Principal Electrical Standards Engineer

Date: 26 September 2024

Approved



Steven Howells

A/Manager Electrical Asset Management

Date: 26 September 2024