ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) L81101 – BOLLARDS

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1 Introduction

Not Applicable

1.1 Asset Details

Class Code:	L81101
Class Name:	Bollards
Class Lineage:	Construction Products>Fixtures and Furnishings>External Furniture and Fittings>Street Furniture>Bollards

1.2 Description

Bollards are generally found outside where vehicular traffic needs to be restricted. They are strategically placed to prevent access across areas where vehicles are prohibited such as pedestrian walkways. Bollards can be permanently fixed or of the removable type to allow authorised access where necessary. Bollards can be constructed from Concrete, metal or plastic; the latter can be illuminated to also provide signage.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

2 Asset Tag Identification Rules

Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031), in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. C125-TSP-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

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2.1 Example Images

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3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Bollard Illumination Type		PD		Optic Reflective strip None	Type of illumination (if fitted)
Bollard Material		PD		Concrete Plastic Metal Timber	Primary material used in the construction of the bollard
Height (Metres)	Metres	NU	2		Height of Bollard from ground to top
Removable Bollard		PD		Yes No	Is the Bollard removable e.g. through lock & key or hinge, etc.?

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Width (Millimetres)	Millimetres	NU	0		Width of Bollard (or diameter if cylindrical)

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- <ADD OTHER REFERENCE DOCUMENTS HERE>

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8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Head of Architecture	09/01/2015

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