ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
Bridge System

Document Number: **CRL1-XRL-Z3-ADDSD-CR001-50578**

Document Revision: **3.0**

Learning Legacy Document

Document History:

Revision:	Date:	Prepared by:	Checked by:	Authorised by:	Reason for Issue:
1.0	12-May-2015	[redacted]	[redacted]	[redacted]	First Issue
2.0	28-Jan-2016	[redacted]	[redacted]	[redacted]	Attribute Added Attribute Value Added
3.0	24-Oct-2016	[redacted]	[redacted]	[redacted]	Attribute added

This document contains proprietary information. No part of this document may be reproduced without prior written consent from the chief executive of Crossrail Ltd.

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited **RESTRICTED**

Contents

1 Introduction **3**
1.1 PFU Details **3**
1.2 Description **3**
2 Asset Tag Identification Rules **3**
2.1 Example Images **3**
3 Related FUs **4**
4 Related L Classes **4**
5 Alternative Identification **4**
6 Attributes **5**
6.1 Generic Attributes **5**
6.2 Class Specific Attributes **5**
7 Labelling **6**
8 Other Information **6**
9 Reference Material **6**

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

1 Introduction

Not Applicable

1.1 PFU Details

Class Code:	PFU023
Class Name:	Bridge System
Class Type:	Geographic

1.2 Description

A Bridge System contains all the Assets that make up the structural integrity of the Bridge. Some examples of the Bridge System Primary Functional Units (PFU) are passenger footbridges, vehicle over bridges and railway bridges.

The Bridge System PFU groups the structural assets that make up a single Bridge System within a Geographic Facility.

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:

PFU-<PFU Type Code>-<Incremental number to ensure uniqueness>

e.g. PFU-2-01234e.g. PFU-1-12345

2.1 Example Images

Not Applicable

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

3 Related FUs

All information on the configuration of FUs to PFUs is contained within the latest revision of the Asset Data Dictionary Master Configuration Document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

4 Related L Classes

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

5 Alternative Identification

The following table identifies any alternative identification which can be applied to this class of PFU and the description/purpose of the identification

Alternative Identification Name	Alternative Identification Description	Alternative Identification Extended Description
Not Applicable		

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED

6 Attributes

6.1 Generic Attributes

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

CRL1-XRL-Z3-ADDSD-CR001-50634 - AD4 – PFU – Generic Attributes

6.2 Class Specific Attributes

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

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Bridge Type		PD		Passenger Footbridge Vehicle Over Bridge Railway Bridge Cable & Pipe Bridge	The type of bridge
Is Viaduct		PD		Yes No	Is the bridge is a viaduct; i.e. does the structure have three or more spans
LU Asset Reference Number		CH			London Underground's unique reference number for the asset

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)

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System

© Crossrail Limited RESTRICTED

7 Labelling

Not Applicable

8 Other Information

Not Applicable

9 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- Asset Information Provision Procedure - CRL1-XRL-Z3-GPD-CR001-50004
- Crossrail Asset Information Fundamentals - CRL1-XRL-Z3-GPD-CR001-50007
- Asset Information Glossary - CRL1-XRL-Z3-GUI-CR001-50012
- Asset Information Management Plan - CRL1-XRL-Z3-STP-CR001-50002

Learning Legacy Document

Document uncontrolled once printed. All controlled documents are saved on the CRL Document System
© Crossrail Limited RESTRICTED