ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) L21393 - TRACK MAINTENANCE ACCESS POINTS (VEHICULAR / PEDESTRIAN)

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1 Introduction

1.1 Asset Details

Class Code:	L21393
Class Name:	Track Maintenance Access Points (vehicular / pedestrian)
Class Lineage:	Construction Products>Complete construction entities and components>Civil engineering works products>Railway products>Other railway components> Track Maintenance Access Points (vehicular / pedestrian)

1.2 Description

Track Maintenance access points provide a safe means of pedestrian or road rail vehicle access to the track. Typically they are platforms that are located in between the rails (4ft) and either side of the track raising the working surface to the height of the rails. These platforms remove the rails as a potential tripping hazard and take the load of a vehicle that is passing over the access point or onto the track, thereby protecting the rail.

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)

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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. CR076-BAF-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).

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
Access Point Material		PD		Polymer Concrete	Access Point Panel Material, polymer, concrete etc.
Access Point Purpose		PD		Vehicular Pedestrian	Purpose of access point
Access Point Type		PD		Bomac	Description of the type of access point system e.g. Bomac
External Panel Length (Metres)	Metres	NU	2		The External Panel Length
External Panel Width (Metres)	Metres	NU	2		The External Panel Width
Internal Panel Length (Metres)	Metres	NU	2		The Internal Panel Length
Internal Panel Width (Metres)	Metres	NU	2		The Internal Panel Width
Length (Metres)	Metres	NU	2		Overall Length of Crossing (along the track)
Number of External Panels (#)	#	NU	0		External panels sit between the rails, i.e. in the 4ft

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Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Number of Internal Panels (#)	#	NU	0		Internal panels sit between the rails, i.e. in the 4ft
Panel Fastening Type		CH			Type of fastening used to secure the panels
Width (Metres)	Metres	NU	2		Overall Width of Crossing
Rail Cant (Millimetres)	Millimetres	NU	0		Cant of the rail (i.e. the height of one rail above the other).
Track Gradient (Percentage)	Percentage	NU	0		Gradient of the track, the percentage is the ratio of the height difference against distance travelled.
Radius (Metres)	Metres	NU	2		The curvature radius of the track
Meterage (Metres)	Metres	NU	0		Meterage (Chainage) location of asset. To be populated only when the asset is located on track.

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Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
LRS Code		PD		C.EB C.EB.CRW5 C.EB.CR1 C.EB.CR7 C.EB.TBC C.WB C.WB.CRW9 C.WB.CRW6 C.WB.CR2 C.WB.CR5 C.WB.TBA C.WB.TBB CNE.EB CNE.WB CSE.EB CSE.EB.CR11 CSE.WB CSE.EB.CR13 CSE.WB.CR15 Non Track	The Crossrail Linear Referencing Standard code (CRL1-XRL-O6-STD-CR001-00026) where the asset is located. When the asset is not located on track then non track should be selected. The LRS codes are as follows: C.EB - Central Section Eastbound C.EB.CRW5 - Crossover between W5 and W4 Points C.EB.CR1 - Crossover between C1 and C4 Points C.EB.CR7 - Crossover between C7 and C8 Points C.EB.TBC - Turnback C C.WB - Central Section Westbound C.WB.CRW9 - Crossover between W9 and W8 Points C.WB.CRW6 - Crossover between W6 and W3 Points C.WB.CR2 - Crossover between C2 and C3 Points C.WB.CR5 - Crossover between C5 and C6 Points C.WB.TBA - Turnback A C.WB.TBB - Turnback B CNE.EB - Central Section North East Spur Eastbound CNE.WB - Central Section North East Spur Westbound CSE.EB - Central Section South East Spur Eastbound CSE.EB.CR11 - Crossover between C11 and C12 Points CSE.WB - Central Section South East Spur Westbound CSE.EB.CR13 - Crossover between C13 and C14 Points CSE.WB.CR15 - Crossover between C15 and C16 Points Non Track - Non Track Assets

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 gathered from this Class of asset when in operation. This section will be populated once performance measures have been agreed with 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 - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

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8 Crossrail Technical Approvals

Name	Role	Date
Mark Maher	Track	19-Sep-2014

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