ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) PORTAL

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Learning Legacy Document

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1 Introduction

Each class of Facility can belong to one of two Facility Types; Geographic or Linear/Functional.

The Geographic Facility Type is a Facility that is entirely located at a single location. The Geographical Facilities are easily identified and have distinct boundaries. They normally contain systems that are wholly operated and maintained within that facility.

The Linear/Functional Facility type is a Facility that contains systems/subsystems which are based a multiple locations (which should reside at Geographical Facilities). Linear Facilities contain complete systems that run the entire length of the maintainable route and could not easily be manage using Geographical Facilities.

1.1 Facility Details

Class Code:	FAC004
Class Name:	PORTAL
Facility Type:	GEOGRAPHIC

1.2 Description

A Tunnel Portal Facility is the structure that connects the tunnelled sections with the surface railway; for a twin tunnelled railway line such as Crossrail, each Portal Facility links two underground tunnels to the surface railway.

Portals are typically built with a number of retaining walls and other cast in situ concrete structures, in addition they will also incorporate drainage, lighting and other Mechanical, Electrical, Public Health and Architectural Assets. The portal facility may also incorporate a single level or multi-level building above it to provide accommodation for maintainers and operators.

Each instance of a Portal Facility will be geographically demarcated by the Civil Retaining walls on either side, the Head Wall where the portal abuts the tunnels and the end of the base slab which abuts the surface railway.

1.3 Related PFUs & FUs

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

2 Facility Identification Rules

Facilities will be identified in the following format:

FAC-2-<Incremental number to ensure uniqueness>

e.g. FAC-2-0001

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3 Reference Material

- Asset Data Dictionary Master Configuration document - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031

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