



NEWSUBSTANCE



CityLink Walking Route - from Holt Town to Etihad Campus

Design Considerations for the Operating Schedule and Management Plan

February 2024



Event Safety Plan



Document Control					
Version	Date	Version Detail	Editor	Reviewer	Issue Date
1	7 February 2024	Initial Version issued	JJ	RH	7 February 2024
2	8 February 2024	Minor Amends	JJ	RH	8 February 2024
3	9 February 2024	Minor Amends	GD	AR	9 February 2024

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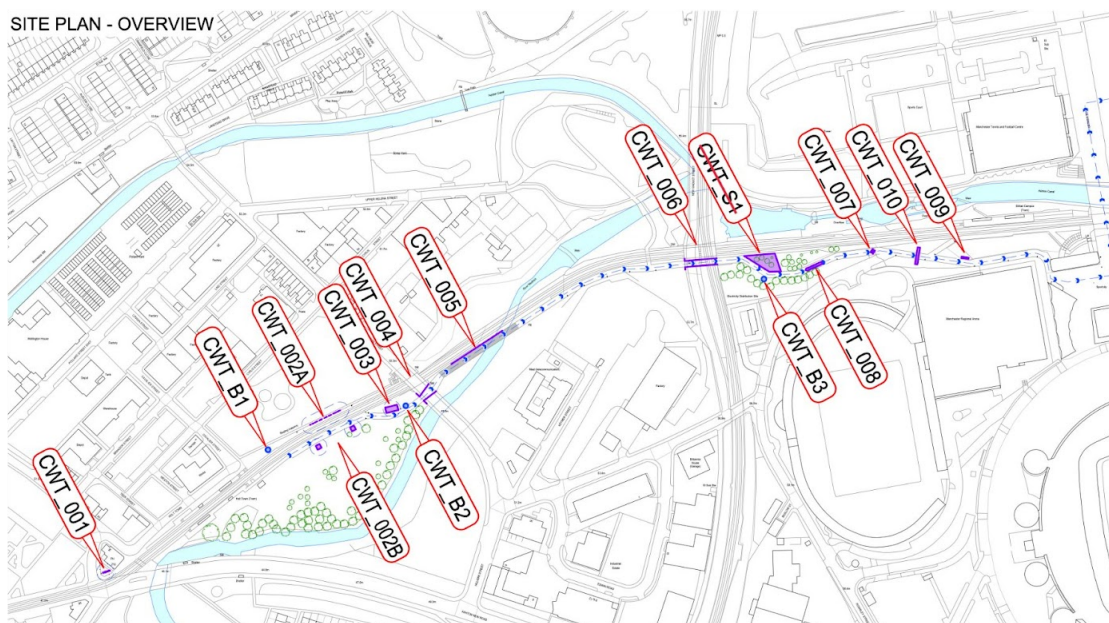
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1. Project Details

1.1. Project Introduction

The CityLink Walking Route runs from the corner of Frost and Merrill Street in the Holt Town area of Manchester, along the existing CityLink urban pathway to the Etihad Campus. The route described is approximately 800m in length and used in both directions.



Site Plan

1.2. Document Purpose

The purpose of this document is to provide an indication of how the installations that comprise the CityLink Walking Route can be operated, and to advise what preventive maintenance may be required. **NEWSUBSTANCE** have been contracted to design, construct and install the features. Our understanding is that once the project has been delivered for the Client the installations will then be handed over to the Estate Management Company at the Etihad Campus and their appointed maintenance and operating contractors for the ongoing life cycle.

This document should be read in conjunction with the design risk assessments, Health And Safety file for the project, along with any O&M manuals provided as part of the handover process.

It is expected that the contents of this document will inform and feed into the creation of a project-wide Operating and Management Plan by others.



1.3. Installations Overview

The following table shows a breakdown of each installation, along with if it contains any architectural lighting, video or audio content.

Reference	Name	Location	W3W	Lighting / Video	Audio
CWT_001	Trail Start Installation	53.4827765, -2.2134095	lamps.asserts.action	Yes	No
CWT_002A	Content Wall	53.4839066, -2.2107305	spare.moons.tubes	Yes	No
CWT_002B	Light Antenna Installation	53.483763, -2.2105722	yards.shirts.cups	Yes	Yes
CWT_003	F&B Platform	53.4839675, -2.209912	smiled.bond.lost	No	No
CWT_004	Audio Hive Tunnel	53.4841079, -2.2094118	until.blaze.losses	Yes	Yes
CWT_005	Lighting The Way	53.4844522, -2.208746	loved.exit.files	Yes	No
CWT_006	Bridge 2	53.4850651, -2.2060312	found.select.model	Yes	No
CWT_008	Walk of Fame	53.4850691, -2.2045736	awards.strut.noses	No	No
CWT_007	Designed HVM Bee	53.4851578, -2.203829	calm.smiled.trail	No	No
CWT_010	Climate Light Arch	53.4851281, -2.203432	fantastic.stable.recall	Yes	No
CWT_009	M-Sign	53.485118, -2.2027465	ashes.drops.evenly	Yes	No



2. Operational Timings

All the features which include lighting, video or audio content will be supplied with a controller that can be managed remotely. This system has the ability to run playback of pre-programmed states either on a regular schedule or to be programmed on an ad-hoc basis. In addition each installation will be fitted with an ambient light sensor allowing real-time adjustment in response to local conditions.

As a design phase assumption, it is expected that some of the installations may be operated or lit 24hrs.

For the playback of content the expected default schedule is as follows:

Content Start	Content End Time
16.00	23.59

However it is expected that the timings of use will vary according to the schedule of events in the Etihad Campus including Co-op Live events, match days, other sporting events in MCC venues, and community engagement events.

Finer details can be programmed into each feature as required, providing for example different content for ingress and egress crowd movements.

All of the features are supplied with remote access, allowing content to be altered in response to any issues identified by any stakeholders. This may include the ability to display key operational messaging to support event day operational management plans. (For example displaying an instruction not to proceed along the route during an evacuation event in the Etihad Campus.)

3. Maintenance

All of the features have been designed to require as little maintenance as possible. All features which are equipped with controllers are capable of being remotely monitored and controlled.

Where on-site reactive maintenance is required, this will be undertaken inline with the procedures developed within the design risk assessment, the details of which will be provided in the health and safety file.

Details of preventive maintenance and inspections will also be provided within the health and safety file. Strategies will be developed so as to minimise any residual risk, for example favouring reach and wash systems over cleaning requiring work at height. Consideration will also be given to the proximity of nearby Metrolink line and associated overhead line equipment.



All installations will require periodic regular inspection by competent persons to a schedule to be advised in the project file.

It is expected that periodic access may be required to inspect the bridge at CWT_004 (Audio Hive) and the design shall consider that need.

Regular preventative maintenance of vegetation and greenery around some installations will be required as part of the wider estates management regime.

Across all installations the potential for occasional graffiti removal should be considered.

An indication of the expected maintenance requirements of each installation is provided below.

Reference	Name	Advised Cleaning	Vegetation maintenance
CWT_001	Trail Start Installation	Infrequent pressure wash as required	Grass cutting round base
CWT_002A	Content Wall	Infrequent specialist cleaning as required	Infrequent management of above vegetation overgrowing
CWT_002B	Light Antenna Installation	Occasional 'window cleaning' as required	Grass cutting round base
CWT_003	F&B Platform	N/A	N/A
CWT_004	Audio Hive Tunnel	Infrequent specialist cleaning as required	N/A
CWT_005	Lighting The Way	N/A	N/A
CWT_006	Bridge 2 Artwork	Very occasional surface cleaning as required	N/A
CWT_008	Walk of Fame	General pathway sweeping. Occasional pressure wash as required.	N/A
CWT_007	Designed HVM Bee	Infrequent pressure wash as required	N/A
CWT_010	Climate Light Arch	Occasional 'window cleaning' as required	Grass cutting round base
CWT_009	M-Sign	Occasional surface cleaning as required	N/A



4. Security

All of the features have been designed in collaboration with all key stakeholders, including the Greater Manchester Police Force. Given the location of the trail, and that it provides access to a major events site, security has been a key design consideration. Considerations include:

- All installations are robust structures, engineered with consideration of the potential need to withstand attempted vandalism
- Using purpose built, vandal proof, electrical pillar boxes, to secure the electrical connections to each feature.
- The elimination of unsecure voids and hatches, so as to reduce the risk of the feature being used to conceal
- Ensuring all installations are not easily climbable.
- Using IK10 rated (vandal impact resistance) video screens and other components where available

5. Operational Maintenance and Operation

City Football Group have proposed the following paragraph be included which falls outside the remit of the Design Considerations, but is included for ease of reference for all parties.

"Different areas of the CityLink Walking Route are owned by different landowners. These landowners have been consulted when preparing these proposals. Each of the installations proposed along the route will be the responsibility of the Estate Management Company at the Etihad Campus. This company maintains and operates shared Etihad Campus infrastructure, on behalf of the various Etihad Campus stakeholders, covering costs through apportioned Estate Charges paid by the Etihad Campus stakeholders. These arrangements are expected to cover planned and reactive repairs, as well as control and operation of content, permissions, approvals and insurances."

