

Zip World Liverpool

TOWNSCAPE and VISUAL IMPACT ASSESSMENT

December 2019

## APPENDIX H

# TVIA - Viewpoint Assessment Montages



MH-062-APP-H

This document should be read alongside:

Main Report

MH-062-R01 TVIA

Appendices List

MH-062-APP-A Theoretical View Locations

MH-062-APP-B Townscape Analysis Figures

MH-062-APP-C Townscape Impressions

MH-062-APP-D Townscape Assessment of Effects

MH-062-APP-E Long View Assessment of Effects

MH-062-APP-F Short View Assessment of Effects

MH-062-APP-G Viewpoint Assessment of Effects

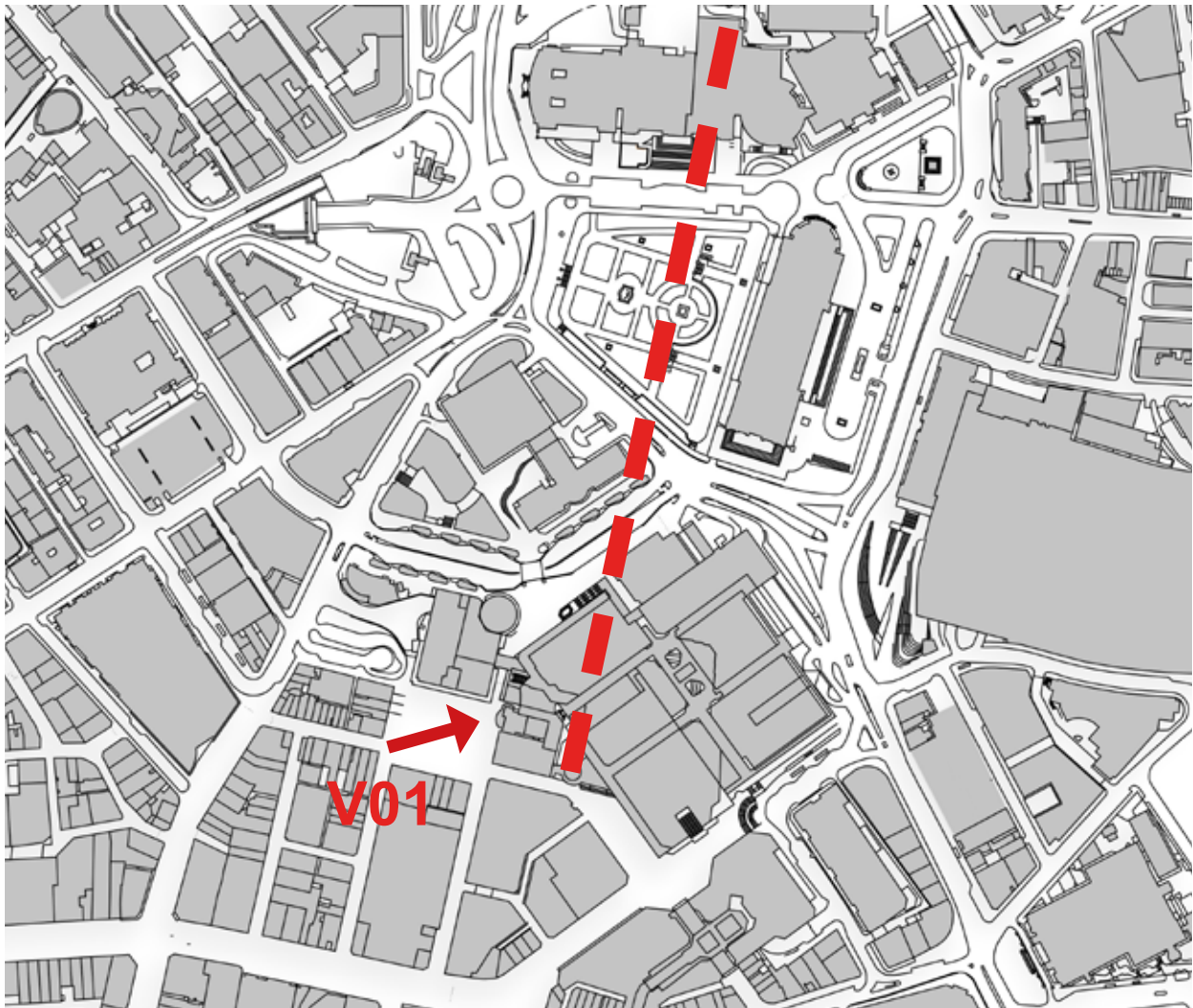
MH-062-APP-H Viewpoint Assessment Montages

# Viewpoints

The proposals have been considered in more detail from 14 key locations, a 3D model of the proposals has been merged with 14 existing photographs to demonstrate what the proposals should look like once constructed. The rendered montage visuals should act as a guide rather than an exact replication due to the dynamic nature of the proposals which include a 9m deflection in XYZ directions depending on temperature, weight of Zip wire user, wind etc. Using Lidar survey data a virtual camera was positioned at the location within the 3D model, the virtual camera was set to the same zoom as the existing photo, however edges of the 3D render will not exactly reflect slight real deviations 'lens' bend which occurs with real lenses. As such edges of the montage may vary slightly from reality.

Although normally a 50mm full frame camera would be used as recommended by the Landscape Institute, the view was widened to allow a better more encompassing visualisation of the proposals more fitting in this built up area, something which is acknowledged by the Landscape Institute.

# Viewpoint 01



## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/10
Exposure time	1/250 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory

## View Location



## Existing View Panorama



## Existing View





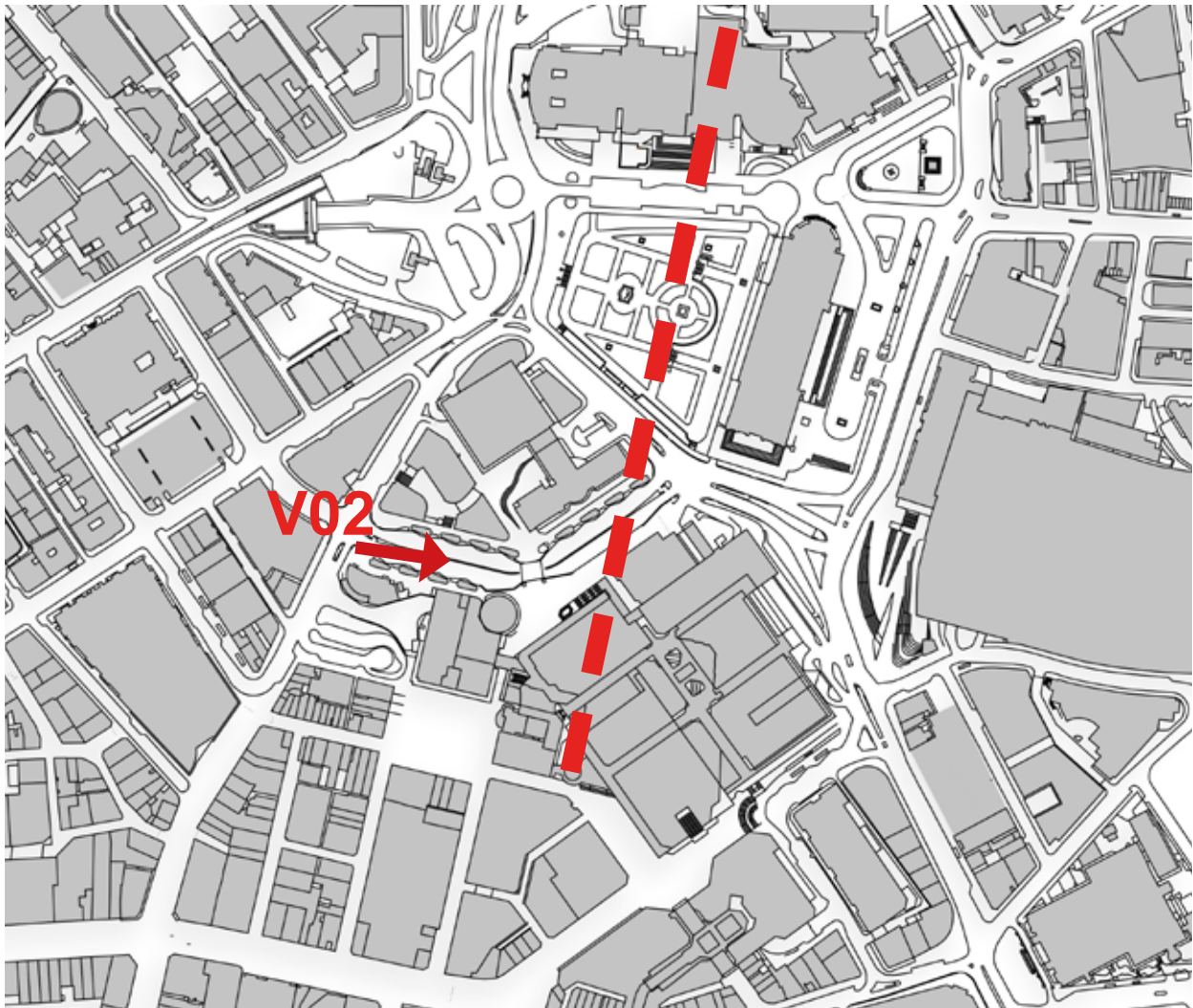
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 02



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/10
Exposure time	1/250 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory
Flash energy	



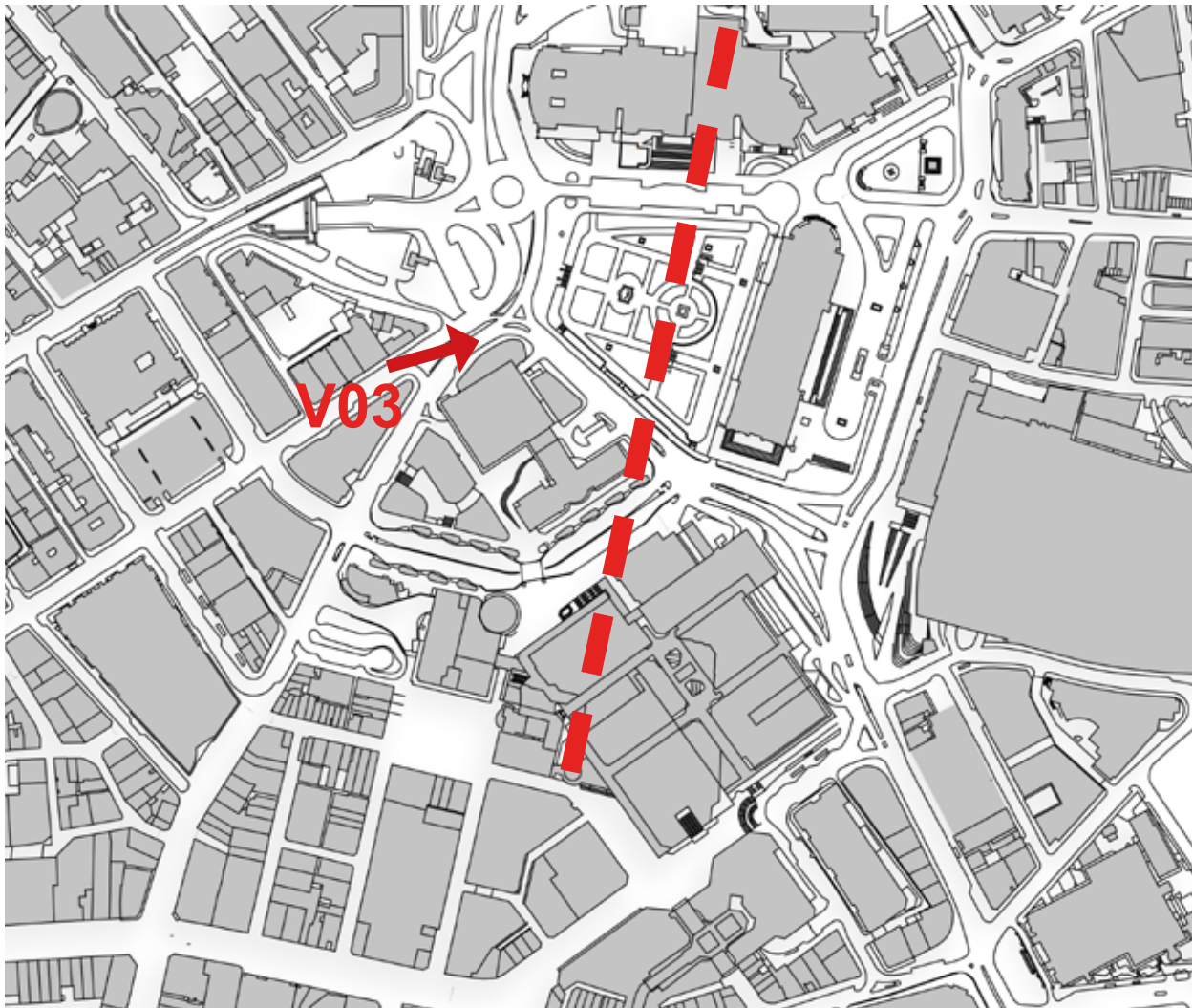
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 03



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/10
Exposure time	1/250 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	28 mm
Max aperture	4
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory
Flash energy	





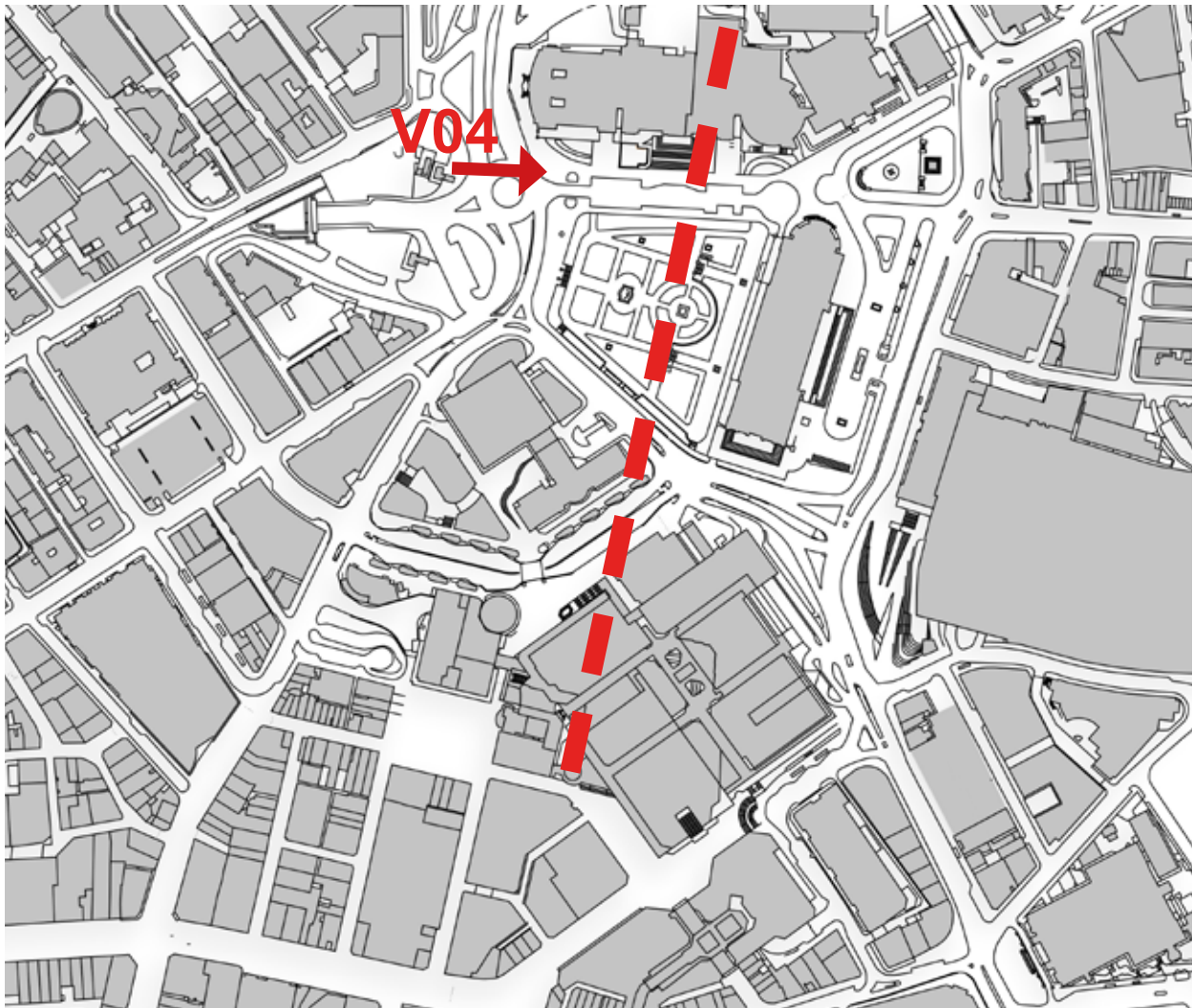
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 04



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/9
Exposure time	1/160 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory
Flash energy	





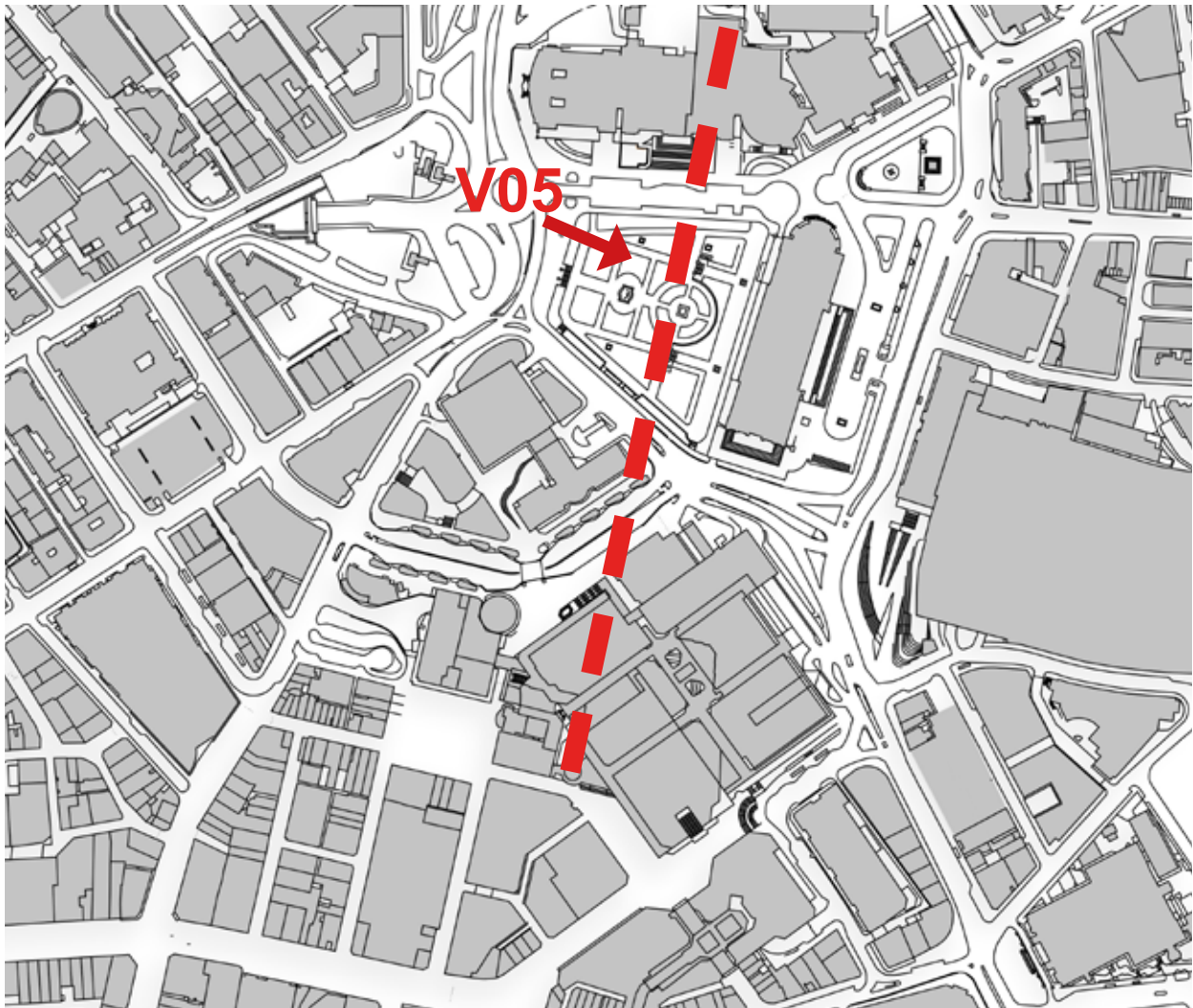
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 05



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/9
Exposure time	1/160 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory
Flash energy	





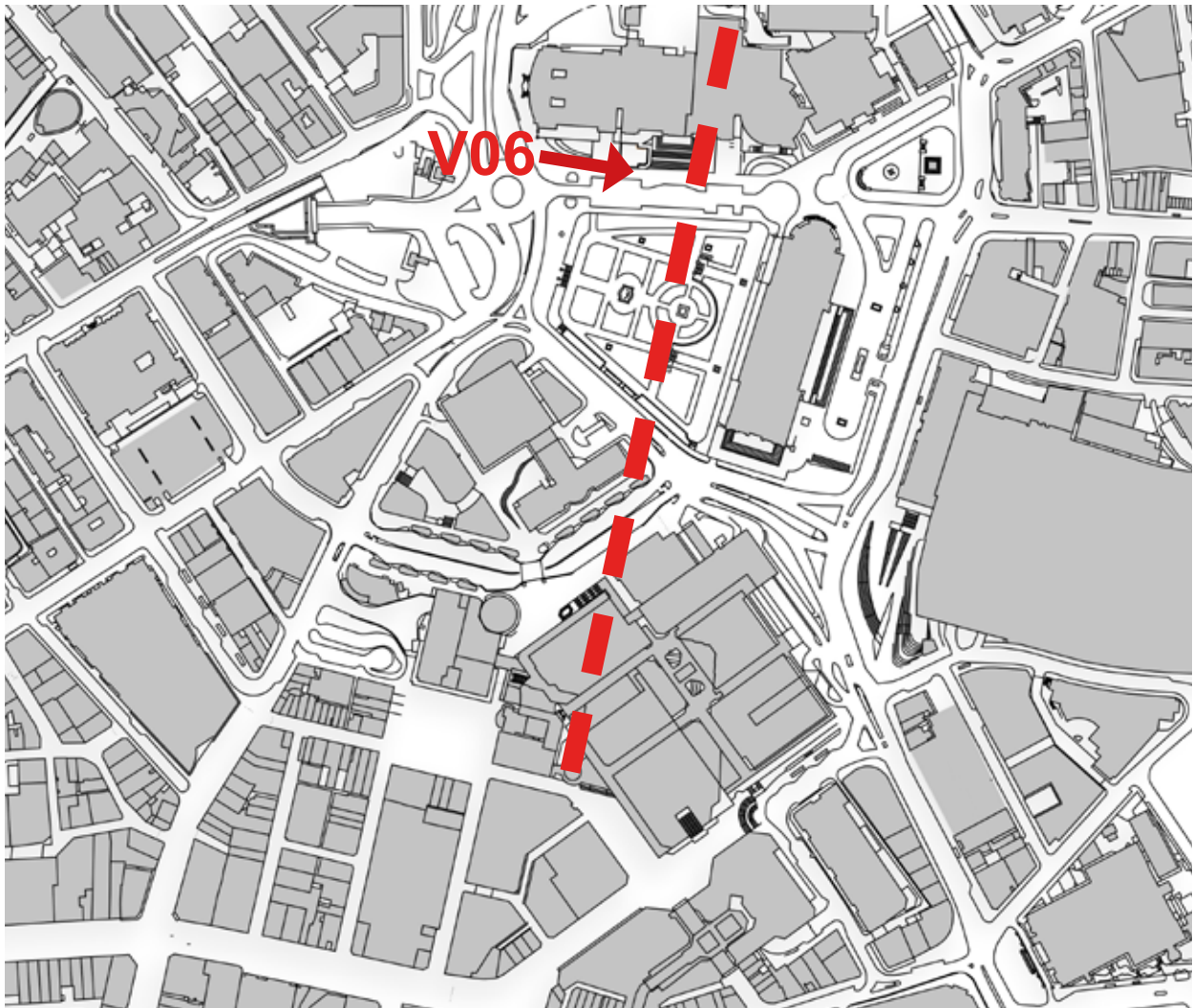
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 06



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/9
Exposure time	1/500 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	50 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory
Flash energy	





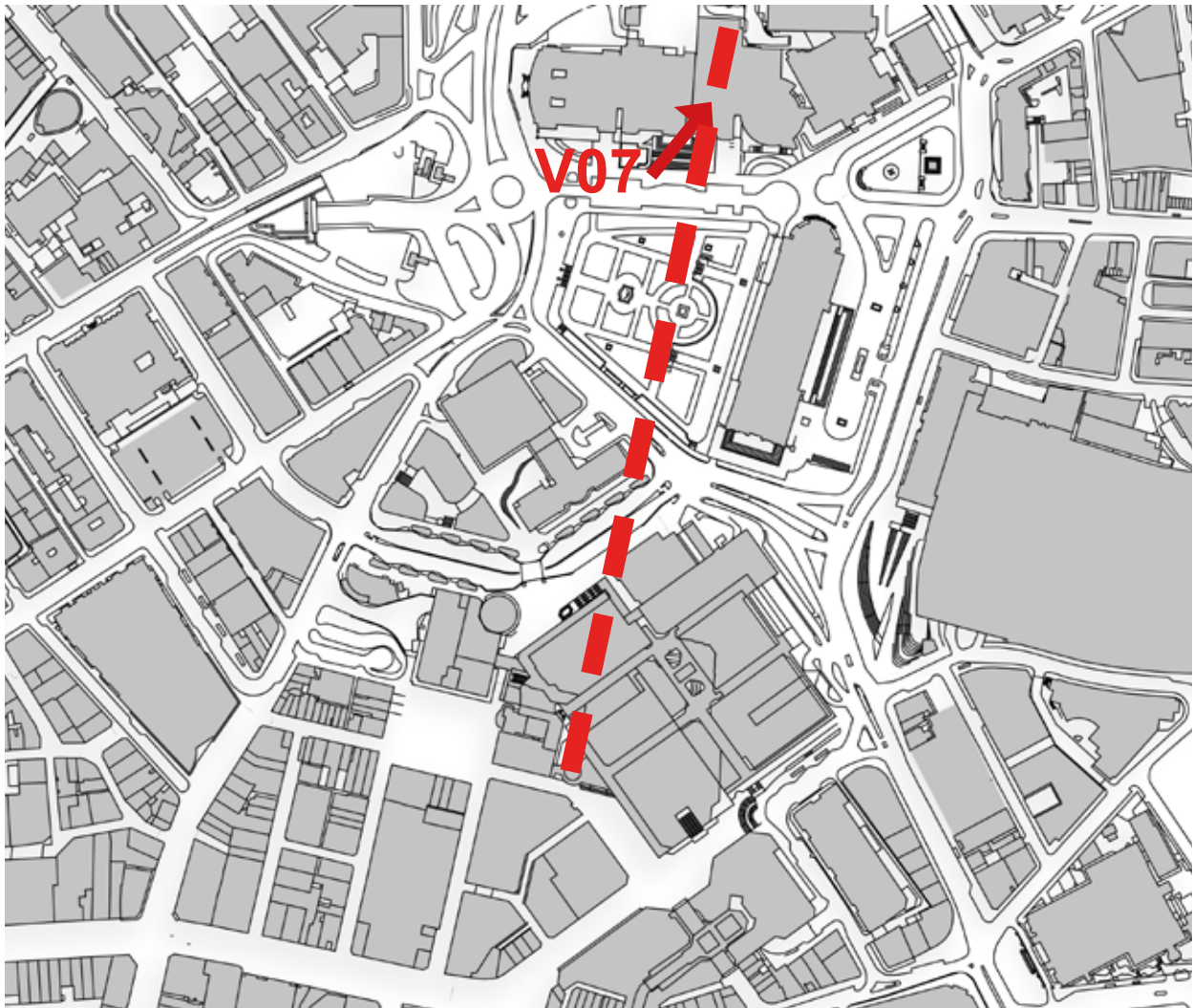
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 07



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/11
Exposure time	1/250 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory





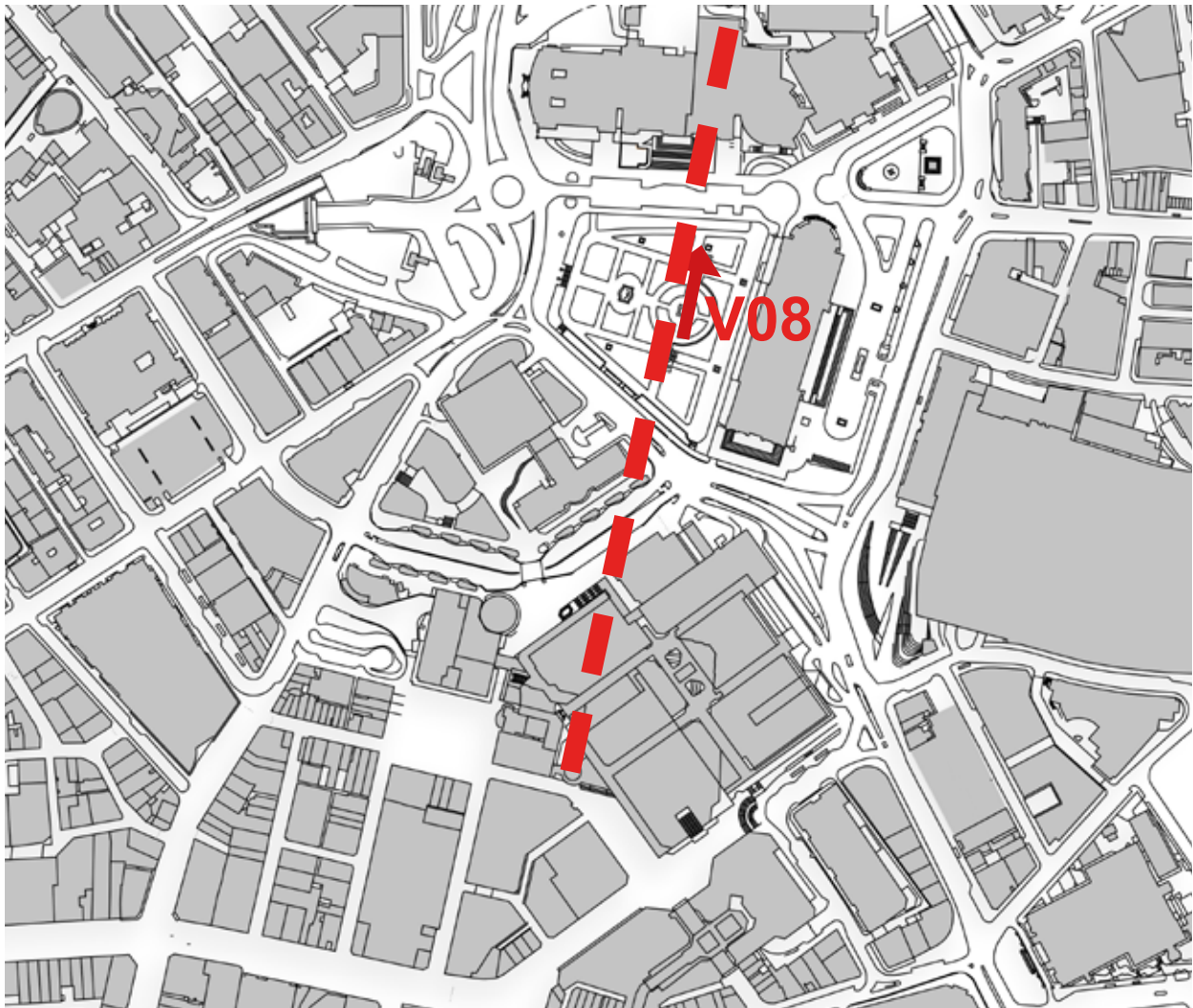
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 08



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/10
Exposure time	1/250 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory





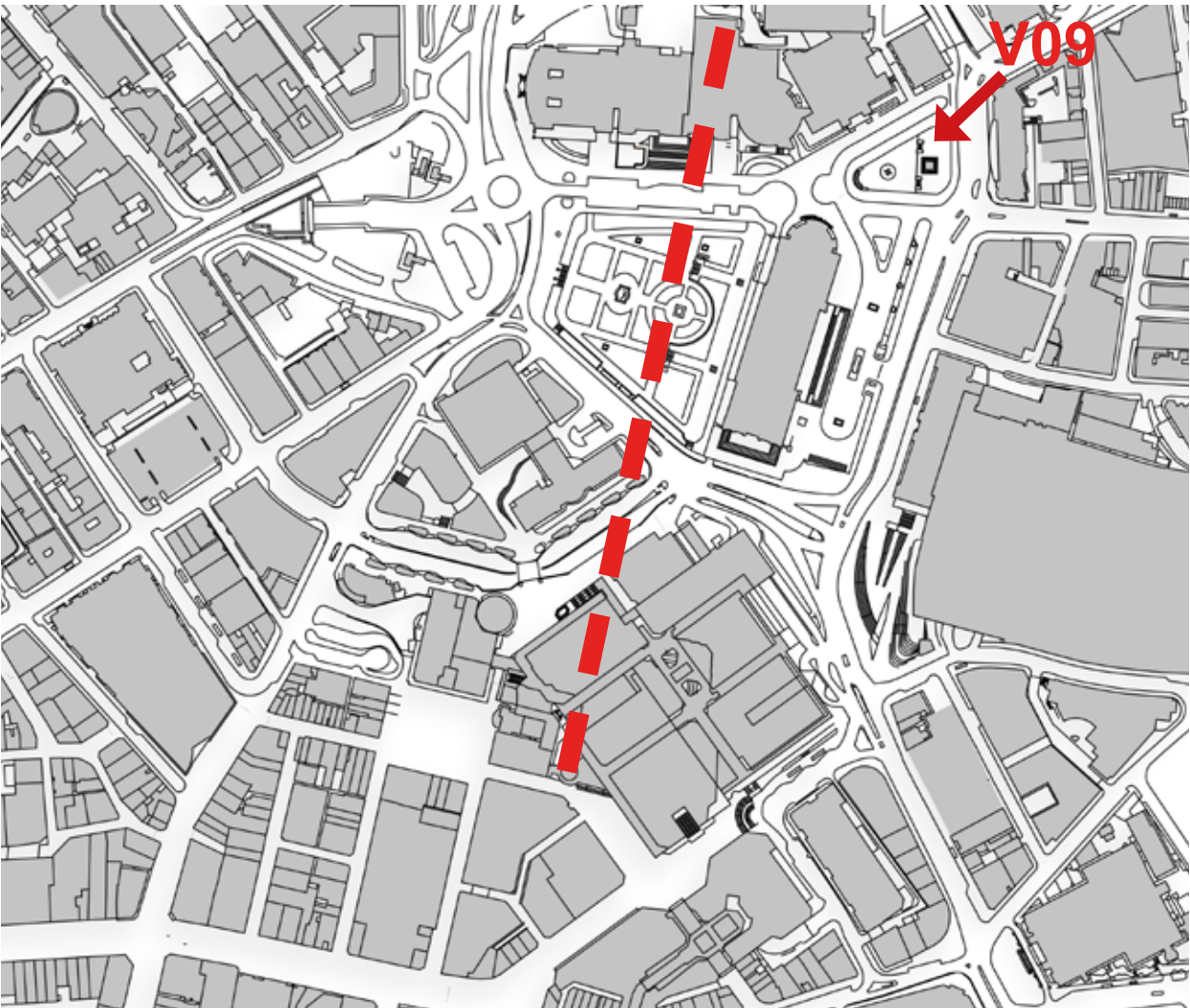
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 09



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/10
Exposure time	1/200 sec.
ISO speed	ISO-100
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory



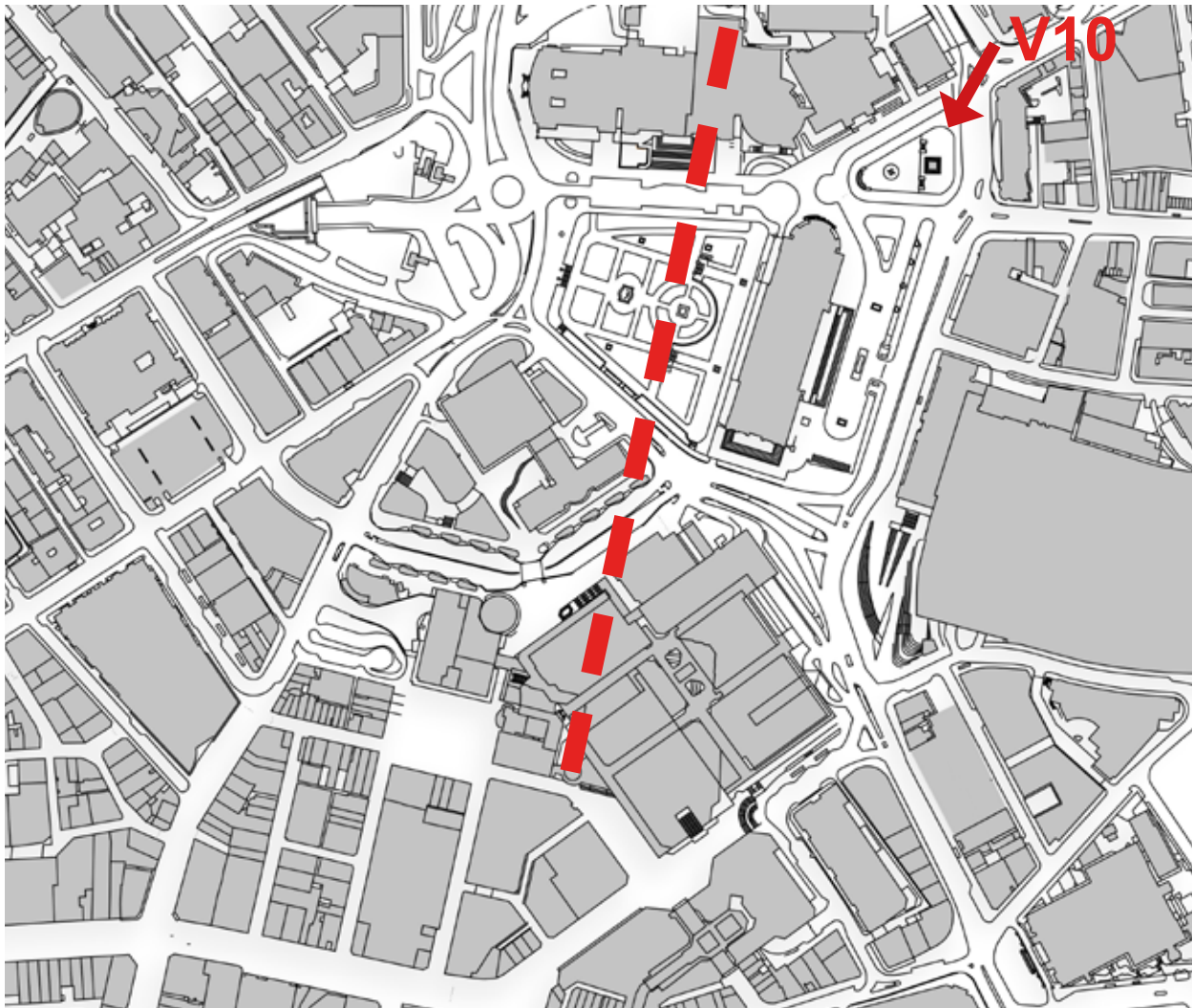


**Proposed (not in use)**



**Proposed (in use)**

# Viewpoint 10



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/9
Exposure time	1/200 sec.
ISO speed	ISO-100
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory





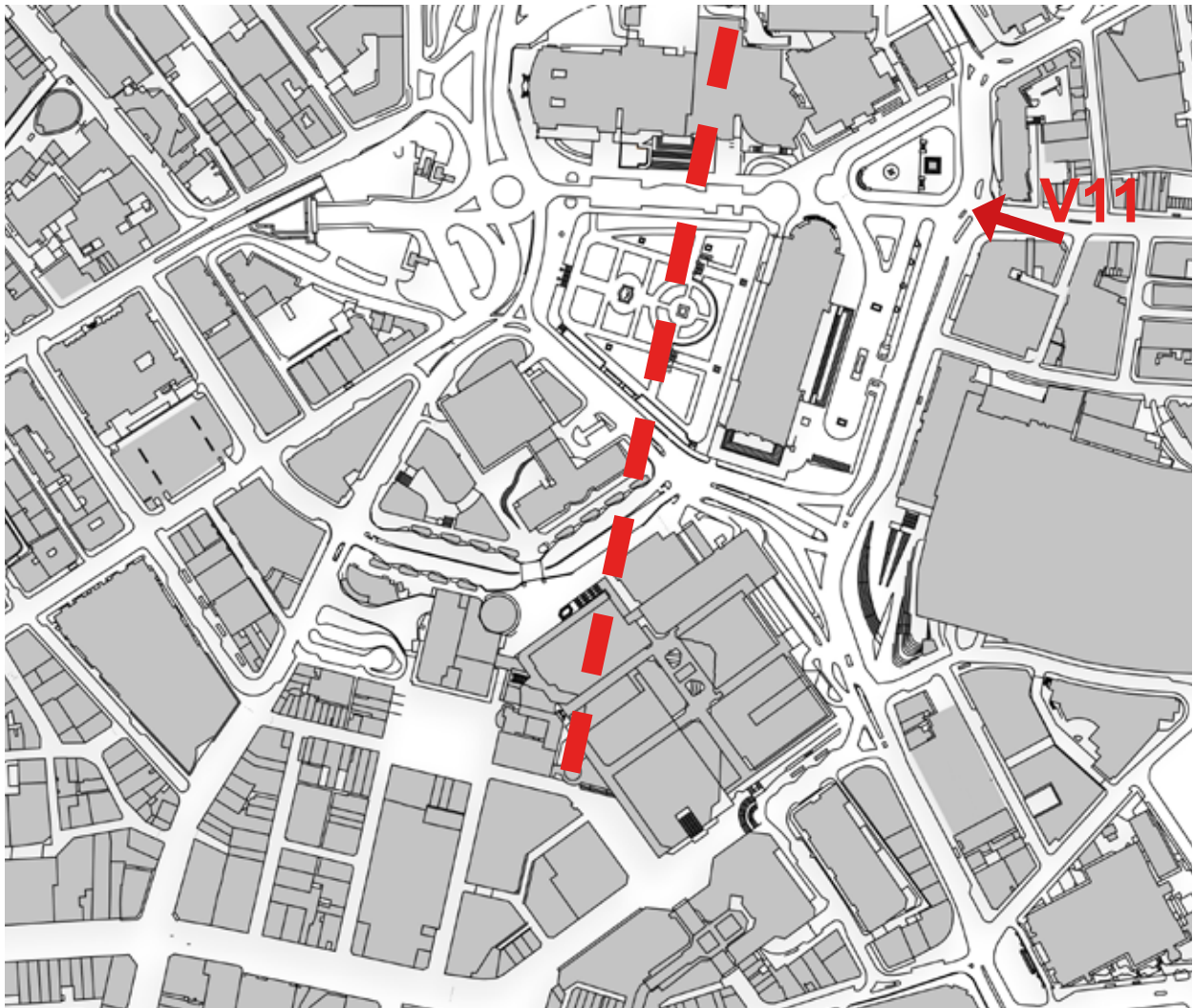
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 11



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/8
Exposure time	1/125 sec.
ISO speed	ISO-100
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory



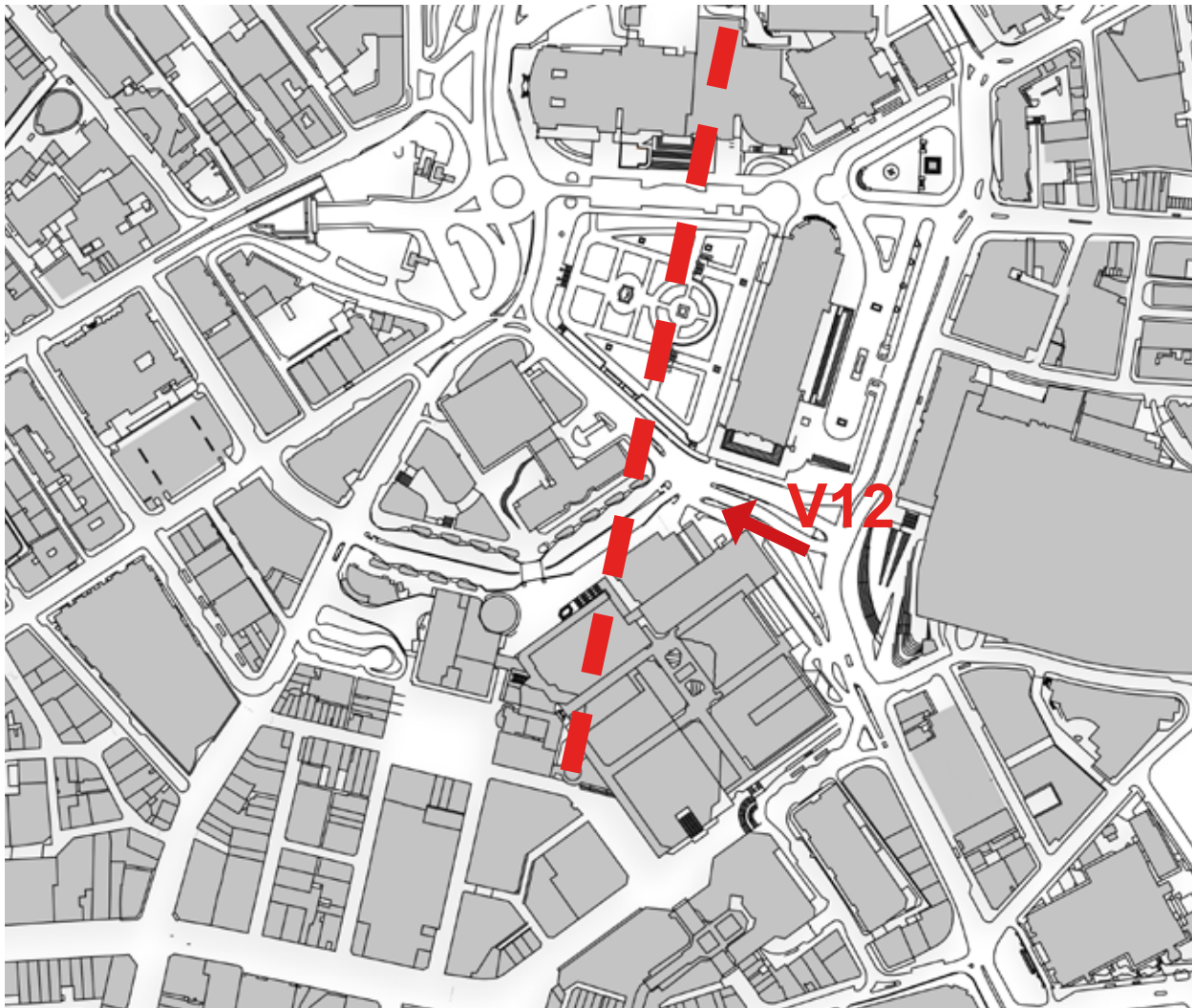


**Proposed (not in use)**



**Proposed (in use)**

# Viewpoint 12



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/9
Exposure time	1/160 sec.
ISO speed	ISO-500
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory



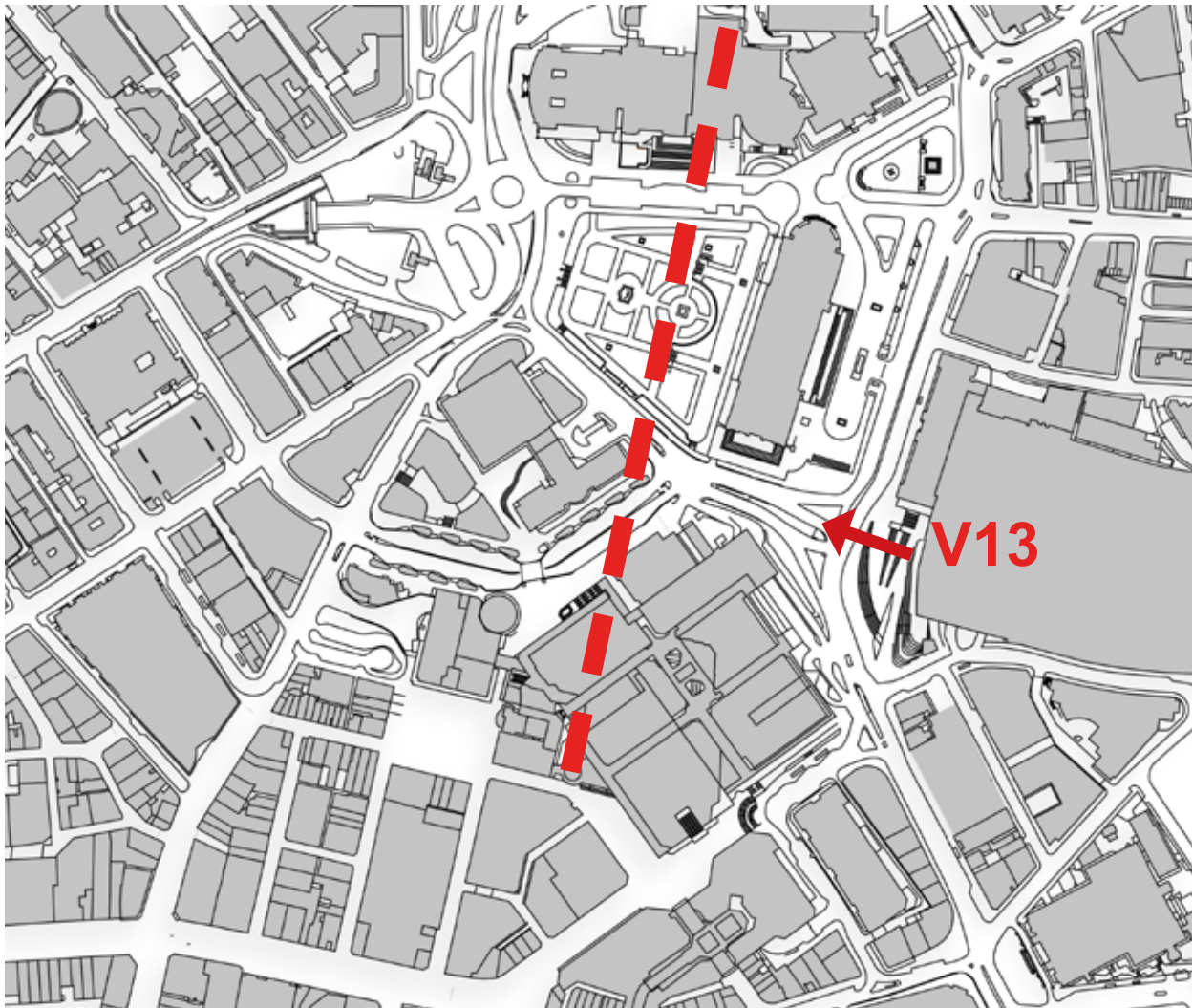


**Proposed (not in use)**



**Proposed (in use)**

# Viewpoint 13



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/9
Exposure time	1/160 sec.
ISO speed	ISO-100
Exposure bias	0 step
Focal length	28 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory





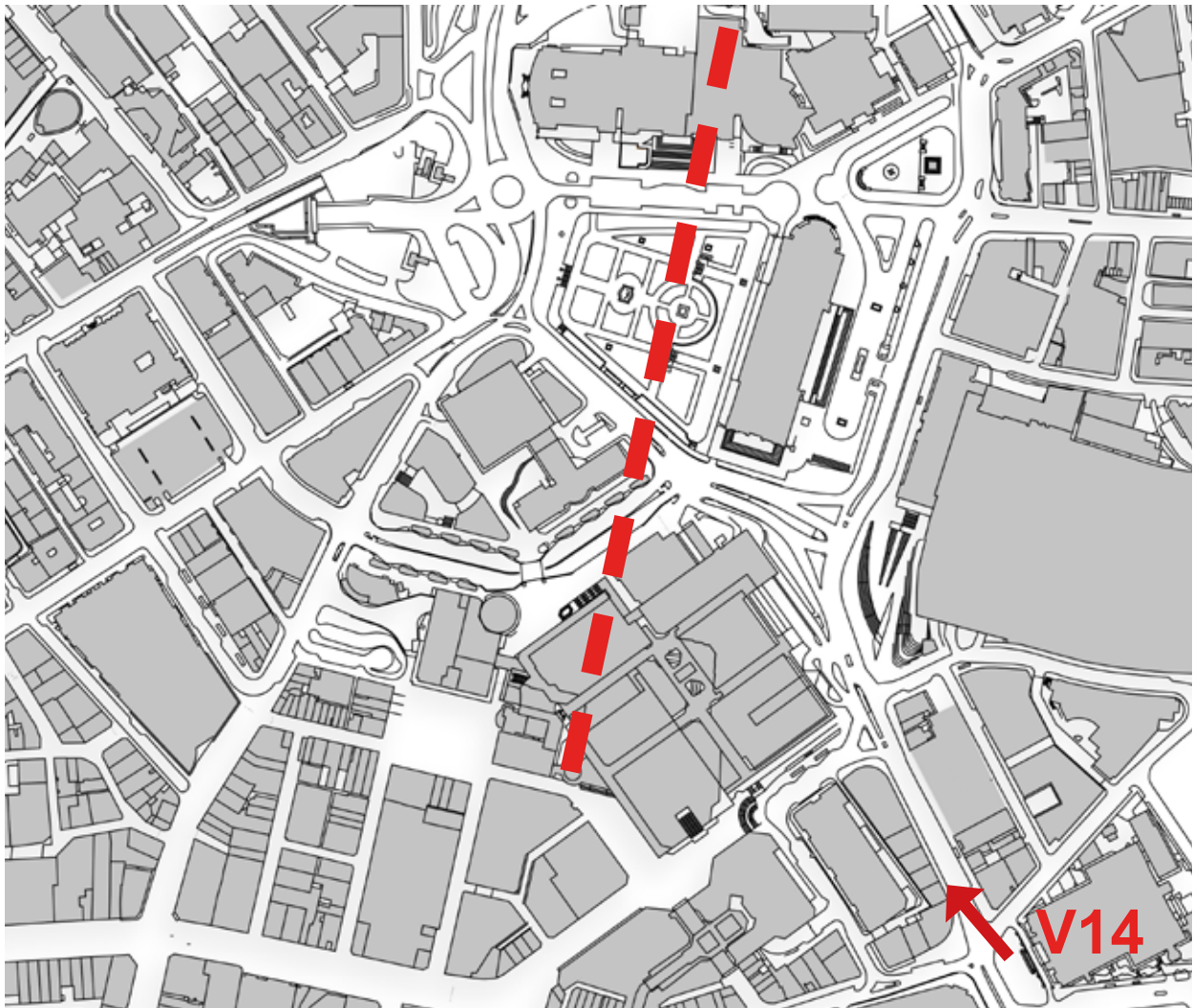
**Proposed (not in use)**



**Proposed (in use)**



# Viewpoint 14



View Location



Existing View



Existing View Panorama

## Camera Shot Settings

Camera	
Camera maker	Canon
Camera model	Canon EOS 5D Mark II
F-stop	f/7.1
Exposure time	1/100 sec.
ISO speed	ISO-100
Exposure bias	0 step
Focal length	24 mm
Max aperture	
Metering mode	Pattern
Subject distance	
Flash mode	No flash, compulsory





**Proposed (not in use)**



**Proposed (in use)**

