

TECHNICAL NOTE

MHL Project Number:	21113HD
Project Title:	CCiDP Zoning Submission – Lee Road
Author:	Brian Murphy BE CEng MIEI
Date:	28/09/2021
Subject:	Public Transport Strategy for the Area



Public Transport Strategy for the Area

Overview

The site is located on the L2781 Lee Road in Cork City. The Lee Road is a local connector road, linking Kerry Pike, Carrigrohane and Inniscarra to the City Centre. The road is identified in the current Development Plan as a scenic route. It presents an undulating vertical alignment and low speed horizontal alignment to drivers. The alignment is appropriate to be developed as a shared street with on road cyclists. The road accommodates pedestrians on the northern side with a footpath connecting to the city footpath network.

Existing Transport Connectivity

The site is very well connected to the city centre:

- Excellent cycle facilities are provided to local commuters. Cycle facilities are provided on the carriageway along Wilton Road, Western Road and Carrigrohane Road. The facility connects to Ballincollig and Bishopston (CIT, CUH) as well as the City Centre and onwards to Mahon and to the wider city cycle network. This facility is just 1km from the site entrance, via Wellington Bridge.

Connectivity to these existing facilities means that cycling is a viable transport mode from the site. The site is located within approximately 10 minute cycling distance of Cork City centre.

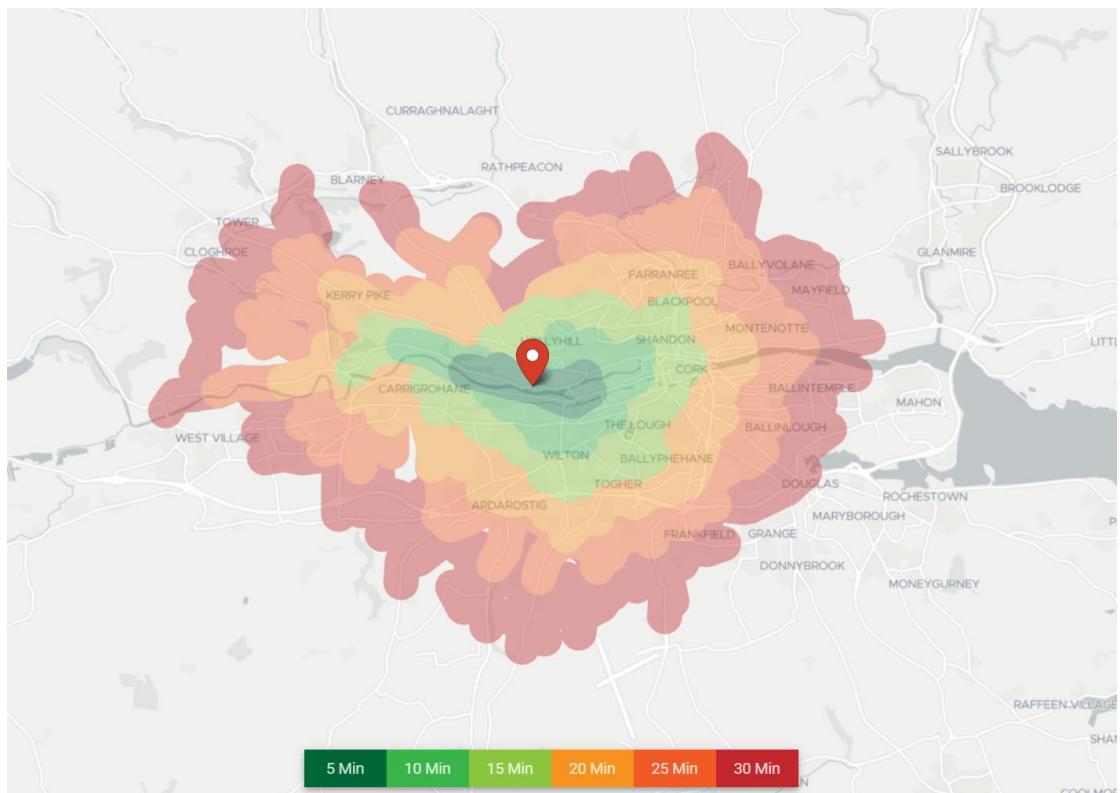


Figure 1 Cycling Isochone Mapping showing cycling connectivity from the site

TECHNICAL NOTE

MHL Project Number:	21113HD
Project Title:	CCiDP Zoning Submission – Lee Road
Author:	Brian Murphy BE CEng MIEI
Date:	28/09/2021
Subject:	Public Transport Strategy for the Area



- The nearside public footpath has recently been repaired and improved. This facility extends along Lee road to the Bon Secours Care facility, beyond the site, to the R846 Wellington Bridge junction where it connects to the city footpath network. The wider City . The site is located within approximately 30 to 35 minute walking distance of Cork City centre and close to connecting public transport services.

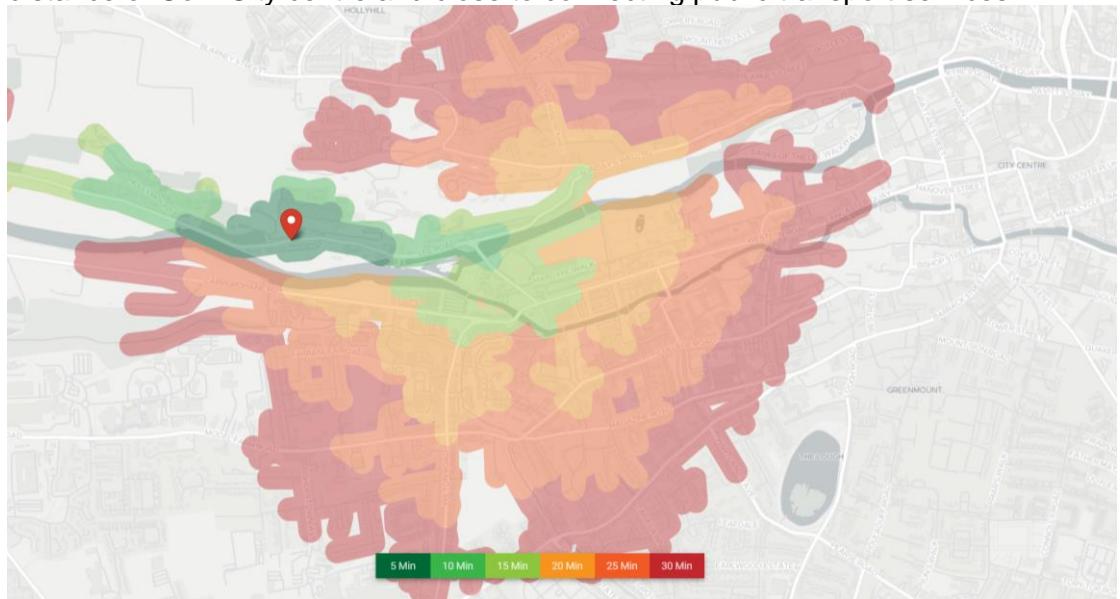


Figure 2 Walking Isochone Mapping showing pedestrian connectivity from the site

- Excellent bus connectivity is available in the vicinity of the site. The 201 Orbital Route stops close to the Wellington Bridge junction while a number of high frequency City services (201, 208 and 220) travel via Western Road, within 10-15 minute walking distance.

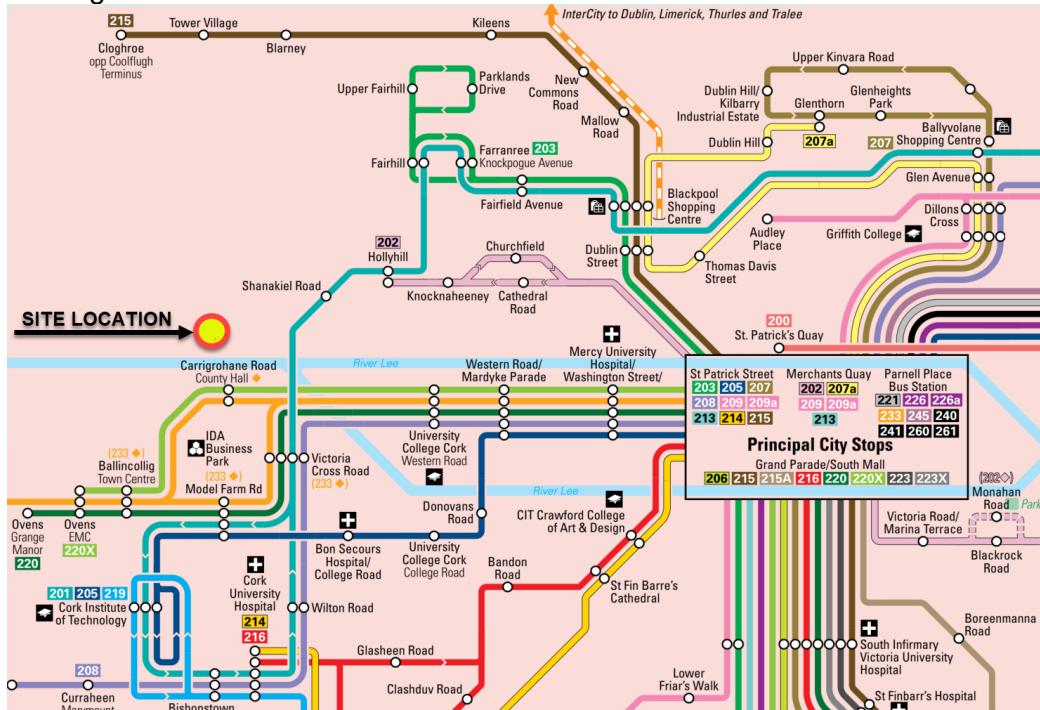


Figure 3 City Bus Services in the vicinity of the site

TECHNICAL NOTE

MHL Project Number:	21113HD
Project Title:	CCiDP Zoning Submission – Lee Road
Author:	Brian Murphy BE CEng MIEI
Date:	28/09/2021
Subject:	Public Transport Strategy for the Area

**Future Transport Strategy**

The Cork Metropolitan Area Transport Strategy (CMATS) 2040 has been developed by the National Transport Authority (NTA) in collaboration with Transport Infrastructure Ireland (TII), Cork City Council and Cork County Council. A key principle for CMATS is to reduce dependency on the private car within the CMA, while increasing the appeal of sustainable transport options. Another fundamental principle of the Strategy is to support the future growth of the CMA through the supply of an efficient transport network. Supporting measures have an important role to play in providing a future transport network that matches up to these principles.

CMATS presents a high level strategy of intended infrastructure improvements aimed at accommodating the development and expansion of the CMA. Specifically CMATS outlines particular pedestrian, cycle, public transport, road and rail improvements.

One of the critical infrastructure improvements identified in CMATS is a Cork Northern Distributor Road CNDR which aims to provide improved transport connectivity across the northside of Cork City. The route was developed on the basis of providing transport connectivity for all transport modes and to accommodate land use proposals set out in the policies and plans for the area. The western docking location of this route is the N22 Carrigrohane Road, to the south of the subject site. The route is seen to traverse in a north/south orientation along the eastern boundary of the site. This road will provide significant transport connectivity opportunities to the site given that the road is to incorporate cycle, public transport and pedestrian facilities.

TECHNICAL NOTE

MHL Project Number:	21113HD
Project Title:	CCiDP Zoning Submission – Lee Road
Author:	Brian Murphy BE CEng MIEI
Date:	28/09/2021
Subject:	Public Transport Strategy for the Area

**Pedestrian and Cycle Improvements**

Further planned improvement and expansion of off-road pedestrian and cycle facilities are identified, near the site. As referenced above, substantial off-road and on road cycling/pedestrian facilities are available in the vicinity of the site. CMATS shows that it is planned to develop a Primary Cycle Route along the eastern boundary of the site, running in a north/south direction, along the proposed CNDR route. This route is to connect directly to the Carrigrohane Road Primary link and Green Route which links Ballincollig to the City Centre. The plan also identifies the Lee road as an Inter-Urban cycle route.

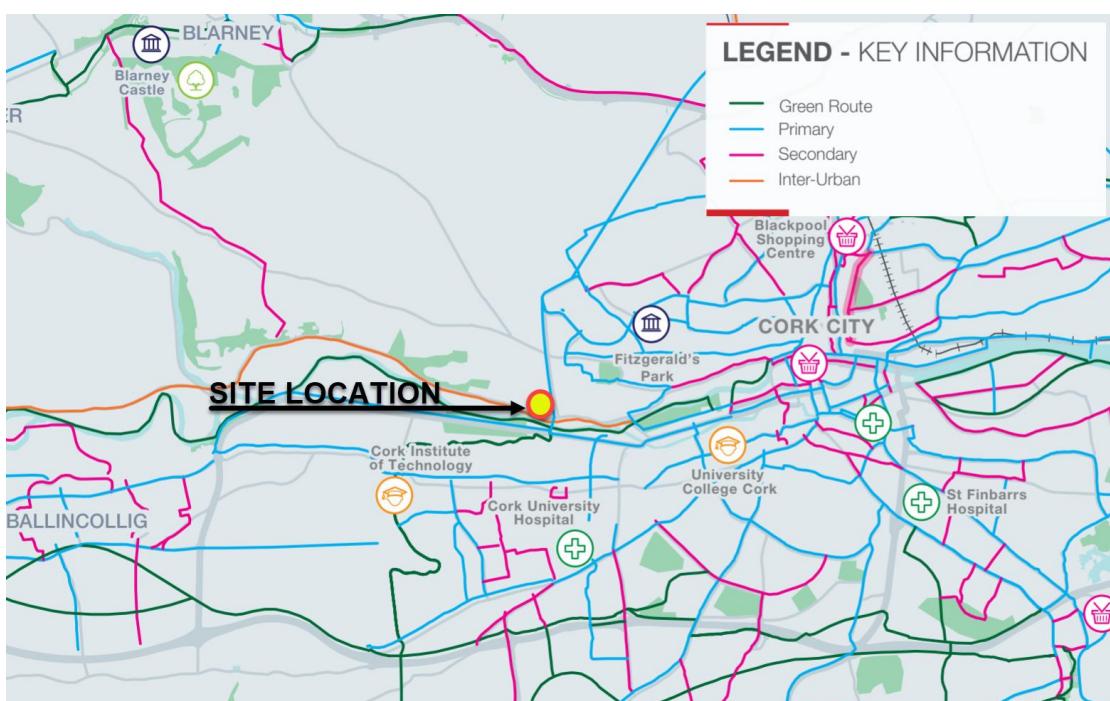


Figure 4 CMATS Cycle Network Improvement Proposals

TECHNICAL NOTE

MHL Project Number:	21113HD
Project Title:	CCiDP Zoning Submission – Lee Road
Author:	Brian Murphy BE CEng MIEI
Date:	28/09/2021
Subject:	Public Transport Strategy for the Area



Public Transport Improvements

CMATS outlines a number of public transport improvements in the vicinity of the site, including a new BusConnects route traversing along the CNDR at the eastern boundary of the site. CMATS also identifies a preliminary route for the light rail, running along Western Road, in the immediate vicinity of the site.

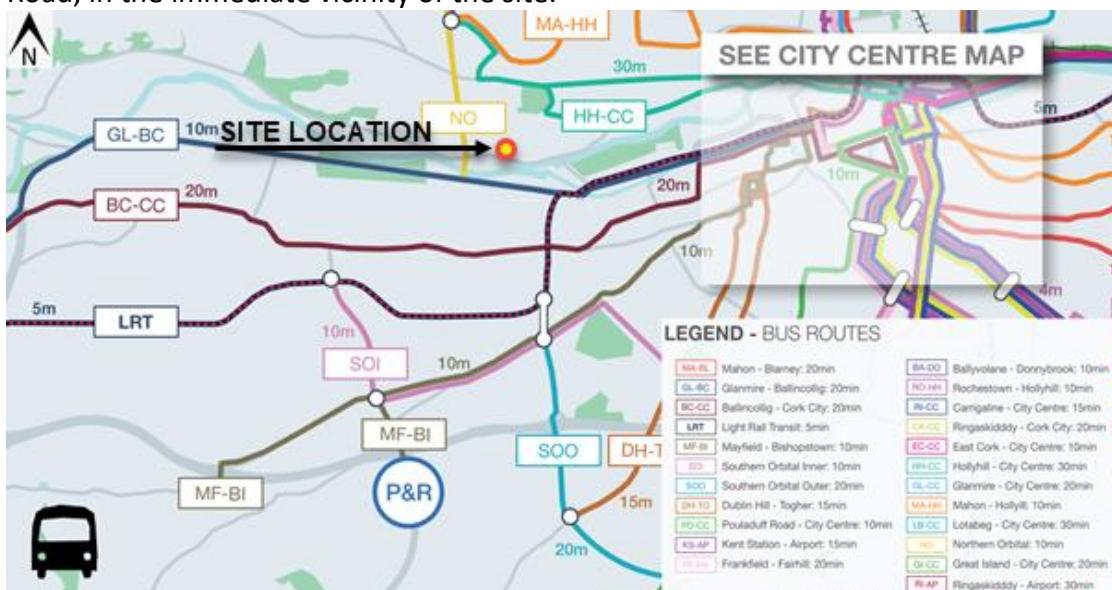


Figure 5 BusConnects Routes in the vicinity of the site

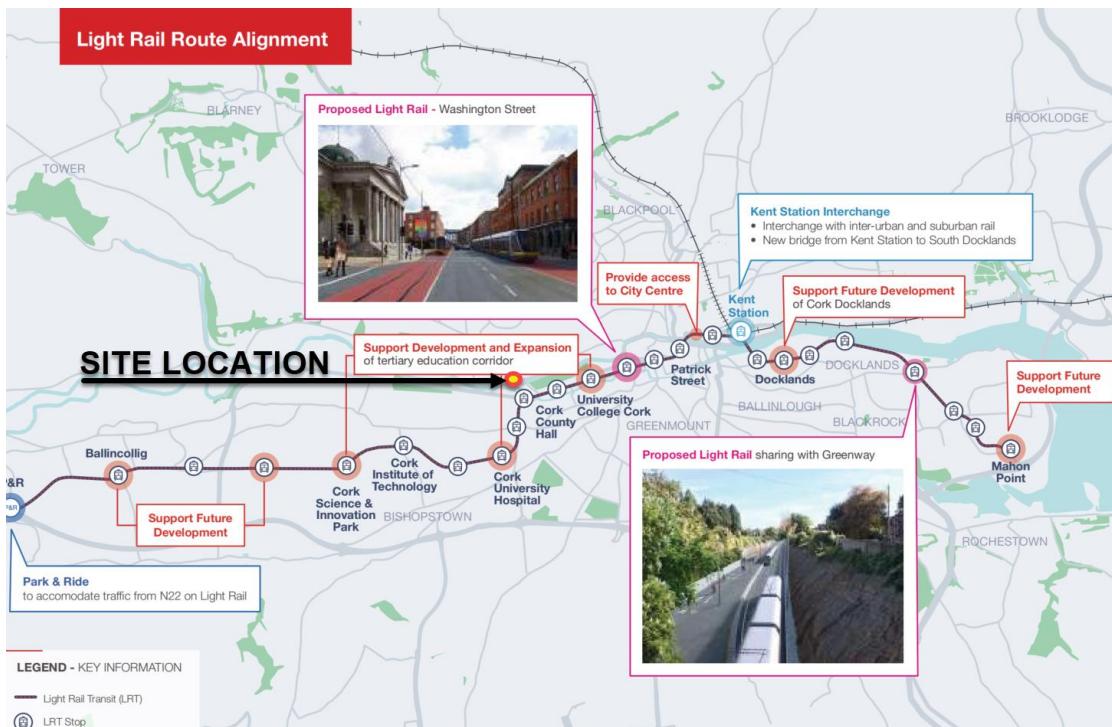


Figure 6 CMATS identifies Cork City Light Rail Route