

Lehenaghmore Road Improvement Scheme

1. INTRODUCTION

Cork City Council plan to carry out a road widening and enhancement project to serve the needs of residents and businesses in the Lehenaghmore and Togher area of Cork City. The project aims to upgrade the L2455 Lehenaghmore Road and the L2454 Togher Road. The scheme will provide road enhancements consistent with the urban nature of the area and the evolving transport demands of its residents and employment centres.

2. SITE LOCATION

The site is located along the L2455 local road at the southern end of the Pouladuff Road commencing at the Tramore Road Roundabout and extends southwards approximately 1.9 kilometres uphill to Lehenaghmore. From here the proposed scheme follows the L2454 Togher Road from Barrett's Junction north west and downhill for a distance of 700metres.

3. PROJECT DESCRIPTION

The overall length of the roads to be upgraded measures approximately 2.6 kilometres. The proposed road improvement scheme includes approximately 1.9 km of the L2455 Lehenaghmore Road and approximately 0.7km of the L2454 Togher Road.

The works will include road realignment, road widening, pedestrian/cycle bridge construction with associated abutment and structural retaining works, signalisation of the Forge Hill junction, new mini roundabout at "Barrett's Junction" with associated pedestrian crossing, public transport shelters and bays, new footpath construction, new cycle facility construction road reconstruction and resurfacing, services diversions, new surface water drainage system, new road lighting, new boundary treatments, retaining walls, embankments, accommodation works, new hard & soft landscaping, new road signage and street furniture and all ancillary works necessary for completion.

Please refer to the accompanying drawings for details.

4. DESCRIPTION OF THE WORKS

The proposed work comprises the following:

- A minimum 1.8m wide footpath will be maintained on the outbound side of the L2455 - 1.5km long.
- A minimum 2.0m wide footpath will be maintained on the inbound side of the L2455 - 1.45km long.
- A new 2m wide on-road segregated cycle lane will be provided on the L2455 - 1.5km long.
- A 3m wide footpath will be provided on the eastern side of Pauladuff Road over the N40 linking the Tramore Road roundabout to the Cork Builders Providers roundabout - 300m in length. A 1.8m wide footpath will be maintained on the western side of this section of road.

- A 4m wide pedestrian & cycle bridge will be provided on the eastern side of the old Bandon Railway Bridge. Note this bridge will run parallel to the existing stone bridge however it will not impact on the existing bridge.
- An new eastbound and new westbound connection will be provided from the L2455 to the Bandon Railway Greenway.
- A new 2m wide footpath will be provided on the eastern side of L2454 Togher Road from Lehenaghmore Park Sports Ground through Barrett's junction, to connect to the existing footpaths on Togher Road - 700m in length.
- A new 1.8m wide footpath will be provided on the western side of Togher Road in the area fronting the existing housing development - 200m
- Bus shelters and bays will be provided where required.
- The existing road will be widened to 6m and realigned to facilitate the above infrastructure. This will necessitate the acquisition of certain adjoining lands.
- Controlled and uncontrolled crossing facilities will be provided.
- Raised entry treatment crossings will be provided at the junctions with access roads (Southside Ind. Estate, Matthew Hill Business Park, Swan's Nest Business Park, Lehenaghmore Business Park, Manor Farm, Laurel Brook, Matthew Hill)
- A new "City Gateway" Roundabout with controlled crossing facilities will be provided at Barrett's Junction
- The Forge Hill/Pouladuff Road junction will be signalised
- A new surface water drainage system will be provided.
- A new low energy LED public lighting scheme will be provided.

Existing boundaries will be set back where necessary to accommodate the above works. Existing trees and hedgerows will be protected to the greatest possible extent. Where trees and/or hedgerows are removed they will be replaced by similar native variety semi-mature trees and hedging.

The accompanying drawings outline the particulars of the proposed scheme.