

Technical Note

Project:	Station Road Interim Measures (Carrigtwohill)		
Subject:	Road Traffic Act Section 38 Information		
Author:	John O'Callaghan		
Date:	April 2024	Project No.:	5194601
Atkins No.:	5194601DG0266		
Distribution:	Donald Cronin Mairead Kennedy	Representing:	Cork County Council Cork County Council

Document history

Revision	Purpose description	Origin-ated	Checked	Reviewed	Authorised	Date
Rev 0	Issued for Review	RC	JO'C	JO'C	RAN	29.03.2024

1. Station Road Interim Measures, Carrigtwohill – Section 38 Information

1.1. Introduction

This report describes the Station Road Interim Measures which are proposed under Section 38 of the Road Traffic Act, 1994. This will provide new sections of footpath within the existing public roadway at two separate locations on Station Road, Carrigtwohill. This will provide greater capacity for walking and footpath connectivity to Carrigtwohill Railway Station on an interim basis and improve road safety for pedestrians. The proposals include for the alteration of the existing signalised junction at the Railway Station and one way shuttle operation at two locations on Station Road.

1.2. Project Location

The works will take place at two separate works locations on Station Road, Carrigtwohill. Location 1 is shown in Figure 3 and Figure 4 in Appendix A. Location 2 is shown in Figure 5 and Figure 6. The works will be carried out within existing public roads which are managed by Cork County Council. The existing speed limit of Station Road is 50km/h.

1.3. Project Context

1.3.1. Carrigtwohill URDF Initiative

A full upgrade of Station Road has Part 8 planning approval as part of the below Carrigtwohill URDF Initiative projects:

- Public Realm Infrastructure (2022)
- Urban Expansion Area Infrastructure (2023)

These projects will provide suitable road width as well as high quality pedestrian and cycling facilities between Carrigtwohill Main Street and Carrigtwohill Train Station. Cork County Council are awaiting approval of implementation funding to progress the above projects to the next stages i.e. detailed design, land acquisition, tendering and construction.

1.3.2. Carrigtwohill Schools Campus

Carrigtwohill School Campus received planning permission in 2020. Interim upgrade measures to Station Road were included in the planning permission. The school link roads and buildings were completed in 2023 and the roads taken in charge by Cork County Council in September 2023. The school's campus is fully operational now.

Sections of the interim upgrade measures to Station Road including footpaths and junction upgrades have been completed but further works are required to complete the pedestrian connectivity and improve safety between St. Marys Church, Carrigtwohill Schools Campus, and Carrigtwohill Train Station.

1.4. Section 38 Proposals

At two locations existing roadway narrowing is required in order to provide a 2-metre-wide footpath within the existing public road corridor. Traffic calming and junction re-design proposals are required as part of this narrowing. These proposals are proposed to be progressed under Section 38 of the Road Traffic Act, 1994 and are described further below.

1.5. Location 1

The proposals at Location 1 are shown in Figure 1 below. The road width would be narrowed to 3.5 metres over a distance of c. 40m to allow for the construction of a 2-metre-wide footpath on the west side of the road at this location. The reduced road width would require a yield sign operated one-way shuttle operation at this location.



Figure 1 - Location 1 - Section 38 Proposals

1.6. Location 2

The proposals at Location 2 are shown in Figure 2 below. The road width would be narrowed to 3.75 metres over a distance of c. 40m to allow for the construction of a minimum 2-metre-wide footpath on the west side of the road at this location. The reduced road width would allow for traffic signal operated one-way shuttle operation through the reduced road width section.



Figure 2 - Location 2 - Section 38 Proposals

The proposal would require a re-configuration of the layout of the Station Road/ Train Station Access Road junction as follows:

- The signals on the Station Road southern arm would be moved to the southern end of the reduced width section (approx. 35m south of existing location).
- The Station Road northern arm would be re-aligned to extend the footpath on the eastside northwards to a new pedestrian crossing location. This would require the removal of the right turn lane from Station Road into the train station. The traffic signals would be moved to suit this re-alignment.
- The Train Station Access Road signals would remain unchanged.
- The Bog Road/ Station Road junction would be within the signalised junction and so the Bog Road would become signalised.
- A traffic signal would also be provided at the private property whose access would fall within the re-configured junction.

Appendix A.

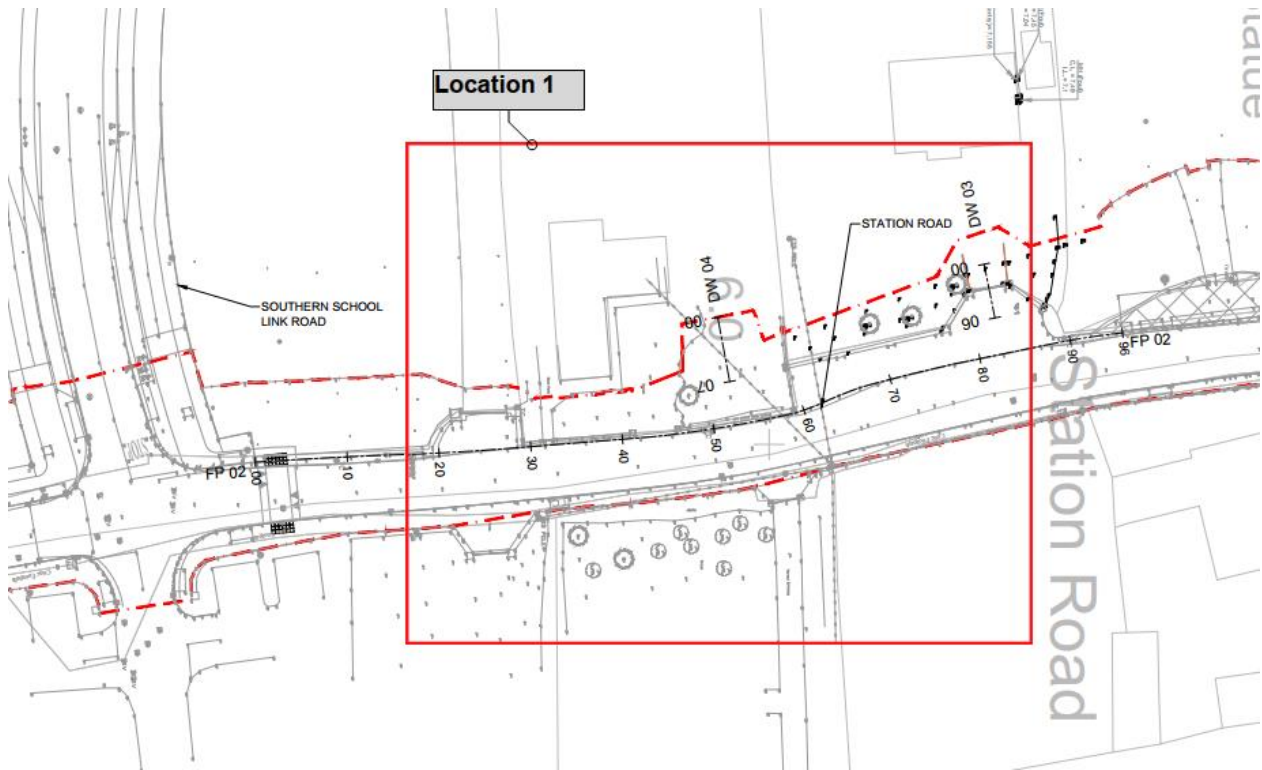


Figure 3 - Location 1 - Existing Plan



Figure 4 - Location 1 - Station Road looking south.

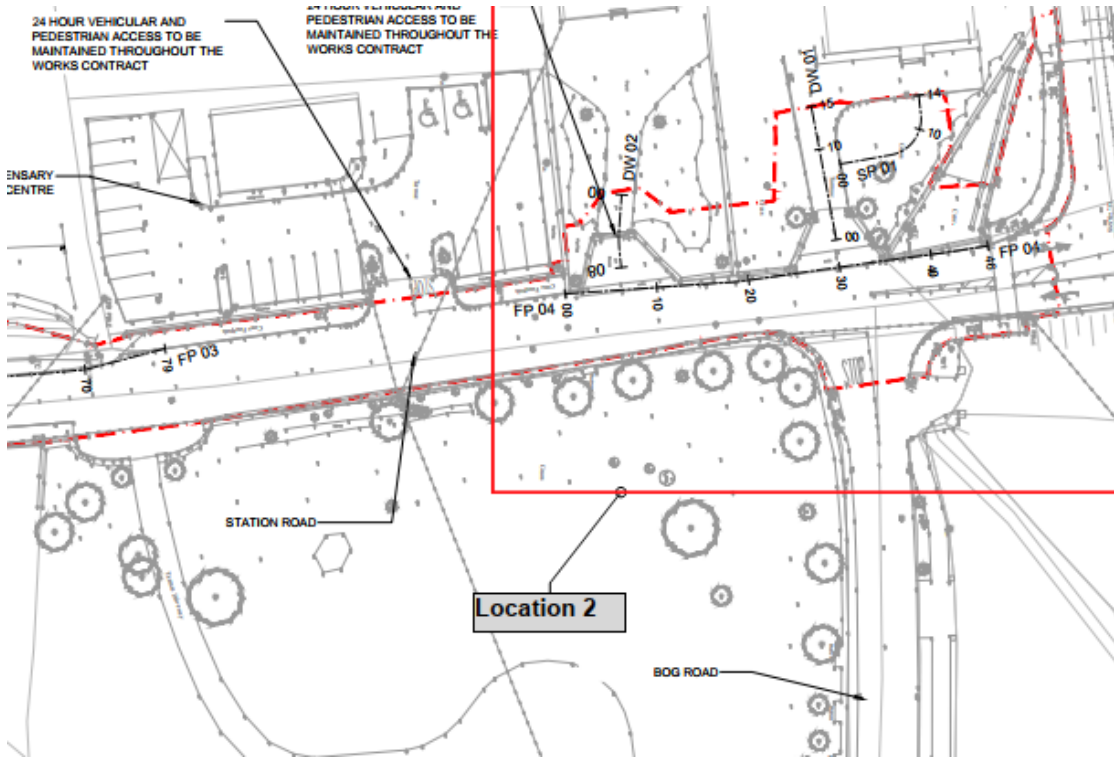


Figure 5 - Location 2 - Existing Plan



Figure 6 - Location 2 - Station Road looking south.