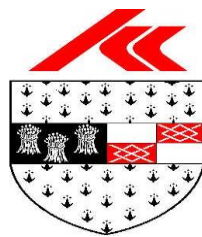


Preliminary Construction Management Plan

R713 / R448 Knocktopher to Ballyhale Footpath, Co.

Kilkenny



Rev.	Date	Version Details	Author	Reviewed by	Approved by
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0	14/01/20	CMP	Declan Murphy	Harry Shine	

TITLE:

Knocktopher to Ballyhale Footpath, Co. Kilkenny

Preliminary Construction Management Plan

LOCATION:

The project refers to a civil works project which involves new footpaths, drainage, and public lighting at Knocktopher/Ballyhale , Co. Kilkenny, see Figure 1. 1

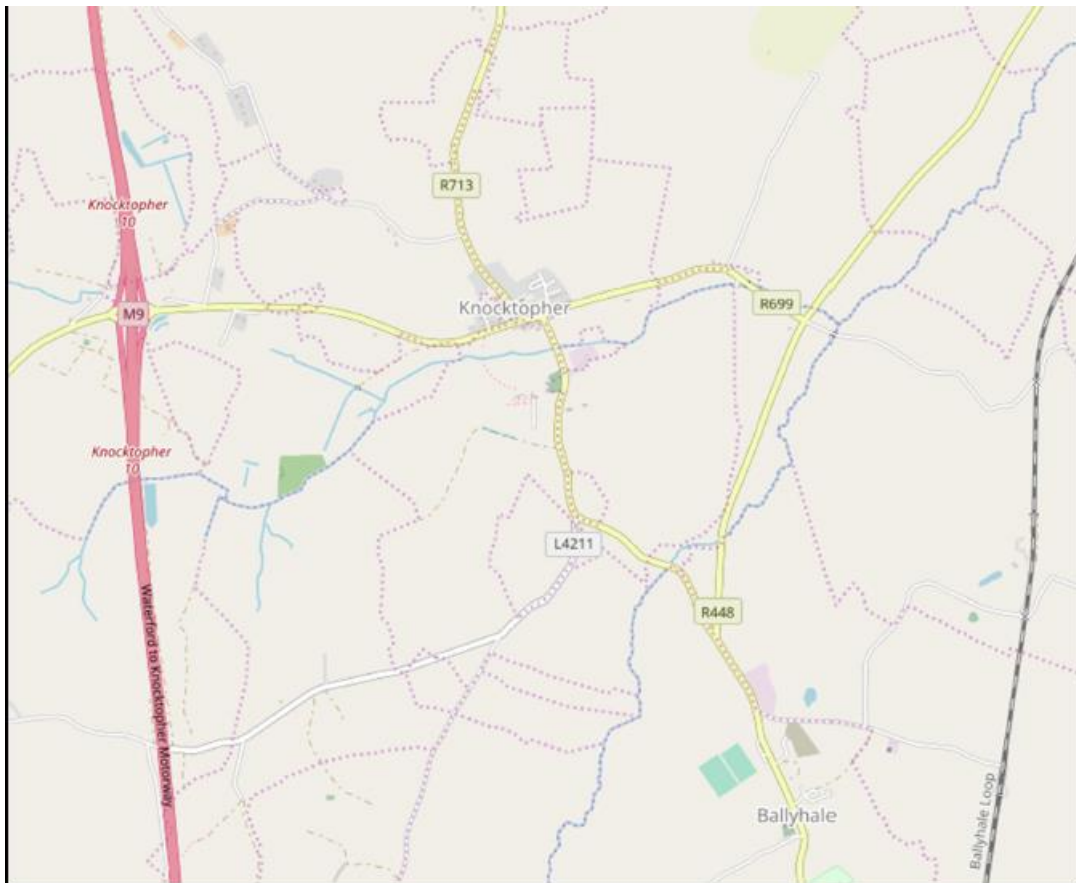


Figure 1.1 - Location Map

DESCRIPTION OF WORKS

The scheme will entail the following;

- Minor site clearance in the form of minor clearance of existing hedgerows and fence clearance in addition to hedgerow breasting;
- Approximately 297m of timber post and tension mesh fencing;
- Installing of kerbing and the provision of tactile paved dropped crossing;
- Construction of a new 858m long 1.2 – 1.8m wide bituminous footpath
- Soft landscaping in the form of verge reinstatement;
- Public lighting including ducting, chambers and columns;
- Associated roadmarkings including school bus and car setdown area, signage, surface water drainage including an infiltration soakaway and potential protection/diversion of existing utilities

STATEMENT OF WHO WILL CARRY OUT THE WORKS:

The works will be carried out by a representative of Kilkenny County Council.

COMMENCEMENT DATE:

Works will be programmed once all approvals are in place.

PRIOR APPROVALS REQUIRED:

- A Report for Appropriate Assessment Screening was completed by Road Plan Consultants and has been submitted to Kilkenny County Council.
- A Report for Archaeological Assessment was completed by Colm Flynn Archaeology and has been submitted to Kilkenny County Council
- A Report for Architectural and Heritage Impact Assessment Report has been prepared by Kilkenny County Council

ECOLOGY CONSIDERATIONS:

In accordance with the requirements of Article 120(1)(a) of the Planning and Development Regulations 2001 (as amended) a preliminary examination has been made of the nature, size and location of the proposed development. This preliminary examination has concluded that there is no real likelihood of significant effects on the environment arising from the proposed development and a determination has been made that an Environmental Impact Assessment (EIA) is not required.

CONSTRUCTION MANAGEMENT:

The project proponent /representative will be required to develop and complete this Preliminary Construction Management Plan (CMP) which outlines best practice construction methodology to avoid potential local impacts. The following construction management measures will be included as a minimum and will be put in place prior works:

General

Prior to any works, all personnel involved will receive an on-site induction relating to operations adjacent to watercourses and the environmentally sensitive nature of any water courses and re-emphasise the precautions that are required as well as the construction management measures to be implemented.

The project proponent will ensure that the engineer setting out the works is fully aware of the ecological constraints and construction management requirements.

Pollution of watercourses

- Site boundary markings to safeguard features of interest/value will be established.
- Tools and equipment are not to be cleaned in watercourses.
- Chemicals used will be stored in sealed containers.
- Chemicals shall be applied in such a way as to avoid any spillage or leakage.
- Any and all excavated material is NOT to be temporarily stored adjacent to watercourses.

Fuel/Lubricant spillage from equipment

- All refuelling, oiling and greasing will take place above drip trays or on an impermeable surface which provides protection to underground strata and watercourses and away from drains and watercourses as far as reasonably practicable. Vehicles will not be left unattended during refuelling.

- Storage areas, machinery depots and site offices will be located at least 10m from any watercourse.
- Spill kits will be made available close to streams and all staff will be properly trained on correct use.
- All fuels, lubricants and hydraulic fluids required to be stored on site will be kept in secure bunded areas at a minimum of 10m from all watercourses. The bunded area will accommodate 110% of the total capacity of the containers within it.
- Containers will be properly secured to prevent unauthorised access and misuse. An effective spillage procedure will be put in place with all staff properly briefed. Any waste oils or hydraulic fluids will be collected, stored in appropriate containers and disposed of offsite in an appropriate manner.
- All plant shall be well maintained with any fuel or oil drips attended to on an ongoing basis.
- Any minor spillage during this process will be cleaned up immediately.
- Should any incident occur, the situation will be dealt with and coordinated by the nearest supervisor who will be responsible for instructions by the Local Authority.

Concrete

- Wet concrete and cement are very alkaline and corrosive and can cause serious pollution to watercourses.
- Disposal of raw or uncured waste concrete will be controlled to ensure that watercourses will not be impacted.
- Best practice in bulk-liquid concrete management addressing pouring and handling, secure shuttering / form-work, adequate curing times.
- Wash water from cleaning ready mix concrete lorries and mixers may be contaminated with cement and is therefore highly alkaline. Due to the size of the site and the proximity of sensitive watercourses, it is recommended that lorries and mixers are washed out off-site.

The Construction Management Plan will be read and signed by the Contractor /Site Foreman.

Invasive Species:

All works which may impact on invasive species are to be undertaken in compliance with best practice and national legislation, including best practice management guidelines such as Kelly et al, (2008) Japanese Knotweed Fallopia japonica Invasive Species Ireland, NRA (2010), The Management of Noxious Weeds and Non-Native Invasive Plant Species on National Roads and Environmental Agency (2013) Managing Japanese Knotweed on Development Sites: The Knotweed Code of Practice.

RESOURCES:

The following will be required to carry out the job:

Contact Names and Numbers:

NAME:	TITLE:	CONTACT DETAILS:
Declan Murphy	A/ Senior Executive Engineer Kilkenny County Council	056 7794526

PLANT AND EQUIPMENT:

The following is a list of the plant and equipment that will be involved in the job:

1 x Excavator

1 x Dumper

1 x Van & small tools.

Traffic Management including lights, signs, cones etc. (if required)

EMERGENCY NUMBERS

- Ambulance 112 / 999
- Fire Brigade 112 / 999
- Garda Station 112/999
- HSA 01-6147000
- ESB 1850-372999 (if cable is struck)
- Bord Gais 1850-205050 (if gas main/service is struck)
- Eir (Eircom) 1901

