



## **Comhairle Contae Chorcaí**

# **Emergency Repair of Embankment at L47245 Curramore, Borlin, Bantry.**

***PART 8 MANAGER'S REPORT PREPARED PURSUANT TO THE  
REQUIREMENTS OF SECTION 179 OF THE PLANNING AND  
DEVELOPMENT ACT, 2000***

Emergency Repair of Embankment at L47245 Curramore, Borlin, Bantry

Part 8 Manager's Report Prepared Pursuant to the Requirements of Section 179 of the Planning and Development Act, 2000

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## 1 INTRODUCTION/PROJECT JUSTIFICATION

This is the Manager's Report for the Emergency Repair of Embankment at L47245 Curramore, Borlin, Bantry, Co. Cork prepared pursuant to the Requirements of Section 179 of the Planning and Development Act, 2000. This Report lists the names of each member of the public or organisation that made a submission and provides a response to the main issues contained in the submissions. The Manager's Report is issued to each elected member of the Municipal District in advance of the decision being taken by the elected members on whether or not to proceed with the Scheme as proposed.

The need to undertake repairs to the existing embankment adjacent to the L47245 arises following a number of failures during the winter months of 2015/2016. A large section of the embankment failed as a result of heavy rainfall from storm Desmond on December 5<sup>th</sup> & 6<sup>th</sup> 2015. The embankment material had liquefied and become flowable which caused a section of the embankment to fail.

The road was subsequently cleared and fully reopened on December 18<sup>th</sup> 2015, however eleven further slippages were cleared by Cork County Council over a period of 3 weeks after December the 18<sup>th</sup> 2015.

The L47245 Local Road is a cul-de-sac which services three local properties north of the site location. The proposed works are located within an 80km/h speed limit. Cork County Council considers that the proposed embankment stabilisation scheme will improve the stability of the existing embankment in order to eliminate further failures once the works are complete. The repair works will provide a safer route for access along the L47245 Local Road.

The public consultation process for the scheme, which is required under Part 8 of the Planning and Development Regulations, 2001, commenced in May 2016. Details of the process are provided in Chapter 3 of this report.

The proposed scheme is illustrated on drawings 17189-5004-A & 17189-5009-A contained in Appendix C. No changes have been made to the original Part 8 Planning drawings to take account of submissions as described in Chapter 3 of this report.

## 2 PRINCIPAL FEATURES OF THE SCHEME

Cork County Council proposes to carry out repair works to the embankment which include the excavation of excess soil material to create a stable angle of 35 degrees to the existing embankment, deposition of excavated material in the vicinity of the works, construction of earth retaining structures, drainage works and slope stabilisation. The proposed scheme aims to eliminate failures along the section of embankment in question and provide a safer access route for local residents.

The following lists the principal features of the proposed scheme:

- Clearing of the site of all vegetation and loose material where necessary to facilitate the works, including the felling of trees as required;
- Excavation of existing embankment to a slope of 35 degrees over a length of approximately 80m;
- Protection of the existing watercourses;
- Installation of gabion baskets;
- Construction of earthen berms;
- Disposal and compaction of excavated material within the site boundary;
- Installation of land drainage;
- Topsoiling and grass seeding of compacted material;
- Backfilling to gabion baskets and formation of embankment;
- Installation of slope stabilisation geogrid and slope drainage;
- Installation of roadside drainage;
- Carriageway resurfacing;
- All associated works and accommodation works

### 3 PART 8 SUBMISSIONS & RESPONSES

#### 3.1 PUBLIC CONSULTATION PROCESS

The public consultation process under Part 8 of the Planning and Development Regulations 2001 commenced in May 2016. A Part 8 Planning Notice was advertised in The Examiner newspaper and a copy erected on-site on 13<sup>th</sup> May 2016 (Appendix A).

Plans and particulars of the proposal were available for inspection by the public for a period beginning on the 13<sup>th</sup> May 2016 and ending on the 24<sup>th</sup> June 2016 at Cork County Council Area Offices, Wolfe Tone Square, Bantry on each day during which the office was open for the transaction of business.

Submissions on the proposals had to be submitted in writing to Cork County Council on or before 5.00pm, Friday, 8<sup>th</sup> of July 2016.

#### 3.2 LIST OF SUBMISSIONS

Submissions were received from the following:

First Name	Last Name	Address			
Michael (Environmental Officer)	McPartland	Inland Fisheries Ireland	Sunnyside House	Macroom	Co. Cork.

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Cork County Council has reviewed the submissions as received from the above. The next section provides a response to the issues raised in these submissions.

**3.3 RESPONSE TO SUBMISSIONS**

Submission No.	Submission on behalf of	Submission received from	Submission	Response
1	Inland Fisheries Ireland	Michael McPartland	<p><i>"IFI acknowledges the ongoing risk posed by landslides from the embankment both from a safety perspective and also in terms of water quality in the adjacent Coomhola River and welcome's the decision to stabilise the embankment.</i></p> <p><i>However IFI has serious concerns in relation to the proposal to dispose of spoil from the stabilisation process on nearby lands. These concerns centre on a) the fine nature of the material, b) slope of the lands under consideration and c) the proximity of the lands to a tributary stream of the Coomhola River. IFI considers that there is a significant risk of substantial runoff of this material either during the construction phase or post works since it will be very slow to be colonised with vegetation.</i></p> <p><i>IFI would urge Cork County Council to seek more suitable lands for disposing of the spoil."</i></p>	<p>Noted</p> <p>The proposed scheme has taken into account the risk of runoff within the following design requirements:</p> <p>a) The proposed earthen berms have been designed to a height above the finished fill material to prevent a direct route for runoff to the adjacent stream.</p> <p>b) The proposed earthen berms will be constructed using a suitable geogrid/geotextile material which will contain the fill material and prevent any high levels of material loss.</p> <p>c) The proposed fill areas and earthen berms will be planted with suitable vegetation as part of the scheme requirements.</p> <p>Disposal of the spoil off site would be likely to add considerably to the cost of the scheme due to the cost of transporting and disposing of the spoil and the costs associated with repair of damage to the road surface along the haul route.</p>

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Response Continued	<p>Within the initial Part 8 Planning submission the findings of a Screening for Appropriate Assessment were included for the proposed scheme, the conclusion of which found that the scheme proposals are not likely to significantly impact the surrounding area.</p> <p>The proposed scheme design will remain as submitted under the Part 8 Planning Process.</p>
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## 4 CONCLUSION

The proposed scheme is consistent with the proper planning and sustainable development of the area to which it relates.

It is proposed that embankment stabilisation works will be carried along the L47245, Curramore, thereby;

- Improve the stability of the existing embankment in order to eliminate further failures once the works are complete.
- Providing a safer route for access along the L47245 Local Road.

In conclusion, having examined all the submissions and having regard to the site constraints we are satisfied that the proposed design is the optimum solution available.

## 5 RECOMMENDATION

We recommend that the development should proceed as set out in the original Part 8 Drawings accompanying this Report.

SIGNED:   
LIAM DROMEY  
SENIOR EXECUTIVE ENGINEER  
ROAD DESIGN OFFICE

DATE: 15<sup>th</sup> July, 2016.

SIGNED:   
AIDEN WEIR  
S/DIRECTOR OF SERVICES  
ROADS AND NORTHERN DIVISION  
CORK COUNTY COUNCIL

DATE: 15<sup>th</sup> July, 2016.

## APPENDICES



## APPENDIX A: PART 8 NEWSPAPER ADVERTISEMENT



**CORK COUNTY COUNCIL**  
COMHAIRLE CONTAE CHORCAÍ

**PUBLIC NOTICE**

**NOTICE UNDER SECTION 179 OF THE PLANNING AND DEVELOPMENT ACT, 2000, AS AMENDED, AND PART 8, ARTICLE 79-85 OF THE PLANNING AND DEVELOPMENT REGULATIONS, 2001, AS AMENDED.**

Pursuant to the requirements of Part 8 of the Planning and Development Regulations, 2001 as amended, notice is hereby given that Cork County Council proposes to carry out the following development: -

**Emergency Repair of Embankment at L47245  
Curramore, Borlin, Bantry.**

Location: The location of the works is immediately to the west of Local Road L47245 at Curramore, Borlin, Bantry.

**Nature and extent of proposed development:**

It is proposed to carry out rehabilitation of the existing roadside embankment and associated works. The scheme will include the following: -

- Excavation of excess soil material.
- Deposition of excavated material in the vicinity of the works.
- Construction of retaining structures.
- Drainage works.

Plans and particulars of the proposal will be available for inspection by the public for a period beginning on the 13th May, 2016 and ending on the 24th June 2016 in the following Cork County Council venue: -

- Cork County Council, Bantry Area Office,  
Wolfe Tone Square, Bantry Co. Cork

on each day during which the said offices are open for the transaction of business.

A copy of the documents may be purchased on request (Tel. No. 021 / 4871026), on receipt of payment of a specified fee not exceeding the reasonable cost of making a copy.

Submissions and observations with respect to the proposed development, dealing with the proper planning and sustainable development of the area in which the development will be situated, may be made in writing to the:

Senior Engineer, Road Design Office, Cork County Council, Innishmore, Ballincollig, Co. Cork.

on or before 5.00p.m., Friday, 8th July 2016

## APPENDIX B: SCHEME DRAWINGS

<u>A3 Scheme Drawings</u>	17189-5004-A
	17189-5009-A







