

N5 Longford Bypass

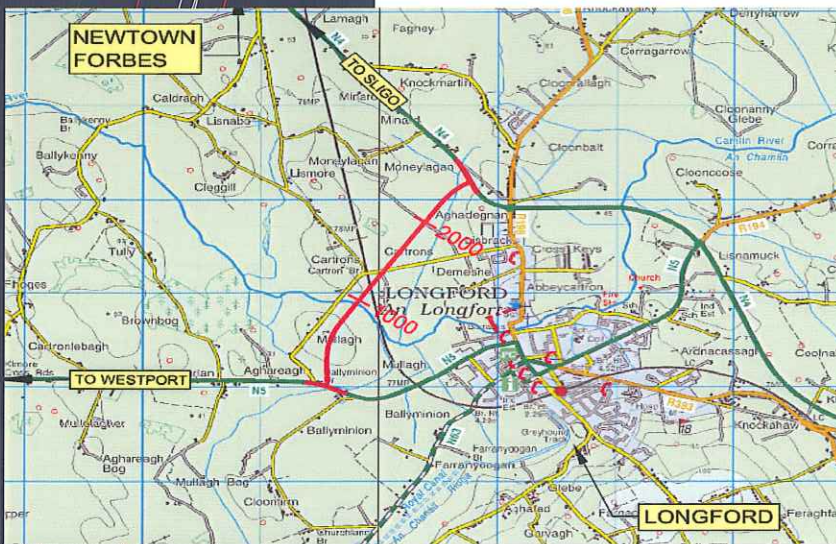
An insight to the
building of the
N5 Longford
bypass

newsLETTER

July 2011

Issue 1

Wills Bros Ltd would like to welcome you to the first edition of the N5 Longford Bypass Newsletter. This publication will detail the work involved in the construction of the long anticipated road scheme.



Construction work began on the 8th April 2011. As you will see from the scheme layout map, the long awaited bypass will join the N5 Strokestown Road with the N4 Sligo Road. The need for the scheme was identified by the National Roads Needs Study 1998 and subsequent National Development Plans and Transport 21.

The Mayor of Longford Paul Connell stated that the bypass, when completed will be a major boost to the town. When the project is completed, it will result in reduced traffic congestion, improved safety and an enhanced quality of life for the local community.



Minister Leo Varadkar at the sod turning ceremony on 12th May

PROJECT OVERVIEW

Longford town has been described as a traffic bottleneck on the National Roads Network with many commuters suffering long tailbacks and slow moving traffic on the approached to Longford from the Westport and Dublin directions. The construction of the N5 Longford Bypass will remove this bottleneck and reduce average journey times by approximately 8 minutes. During peak periods the journey time saving will be up to 25 minutes. The traffic volumes in the Town Centre will be reduced by up to 5000 vehicles per day including a significant number of heavy good vehicles.



The N5 Longford Bypass Road Project will be constructed approximately 2km from Longford in the townlands of Aghareagh, Ballyminion, Mullagh, Cartrons, Moneylagan and Aghadegnan.

The project will include 2.6 km of the standard single carriageway national Primary Road, two at-grade roundabouts on the N4 and N5, a Rail Bridge, River Camlin Bridge and a Bridge over the Lisbrack road

The picture on the left is taken looking North from the N5 Westport Road. A roundabout will be built there the new N5 Bypass joins the existing N5 Westport Road.



CONSTRUCTION SITE SAFETY



At Wills Bros Ltd, safety is paramount in everything we do. Bearing this in mind we recently presented the CIF developed “PLAY SAFE STAY SAFE” program to the senior pupils in Newtownforbes National School. The aim of the program is to highlight the potential dangers that exist within construction sites. An art competition was organised for the children to highlight the dangers associated with construction sites. The children learned that Construction Sites are not a safe place to play in and that they should never be entered under any circumstances. We received an excellent response from the children and sincerely thank the staff in Newtownforbes for their time and assistance.

EARTHWORKS

For the last number of weeks, earthwork operations have been in full swing on the site. Wills Bros Ltd. modern fleet of 20 to 45 ton excavators, 40 ton dumpers, bulldozers and widepad excavators have been steadily been making progress with peat replacement, bulk excavations and construction of fill embankments. Wills Bros Ltd have also decided to incorporate vertical drainage into the construction of the project. The use of this specialist technique can eliminate settlements in saturated and weak soils by reducing drainage paths for the soft layers. Wills Bros Ltd is currently Irelands only contractor to specialise in the installation of vertical drainage (main picture below).



PROGRAMMED WORKS FOR THE COMING MONTHS

Location of works	Operations taking place
Ch 50—Ch 1000 Mullagh	Continuation of bulk earthworks with excavated material being placed between Ch 1500 and Ch 2500. Completion of ESB diversions at Ch 900 to allow placement of fill up to the Camlin River Bridge.
Camlin River Bridge	Continuation of bases on south and north abutments and erection of cast in-situ concrete columns. This will then facilitate the placing of the earth retaining panels in preparation for the concrete bank seats.
Cartrons Rail Bridge	Commencement of the placement of the earth retaining panels and subsequently the pouring of the both bank seats to receive the pre-cast beams.
Ch 1400—Ch 2500	Placing of fill material underway and to commence in tandem with peat replacement works taking place between Ch 1450 and 1650. ESB diversions to be carried out at Ch 1620 and Ch 2500.

Project Contact Details

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THE TEAM

Authorities



Design

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