



Western Link Road, Old Kilmeaden Road area.



# CELTIC ROADS GROUP WATERFORD



Volume 1, Issue 2

April 2007

## THE N25 WATERFORD BYPASS PPP SCHEME

### Construction Progress

Since our previous Newsletter in July 2006 the construction works on the Waterford Bypass have progressed in accordance with the Programme. Below we present a brief update of our progress at each location:

MILESTONES FOR THE PPP SCHEME	
Contract Award	April 21st 2006
Design & Construction Commencement	April 21st 2006
Design & Construction Period	42 months
Target Completion Date	August 2010

#### Mainline Works

On the mainline, bulk earthworks commenced on the North Side of the Suir Bridge in August 2006 and on the South Side in September. Rock blasting was necessary in some areas and this commenced at the beginning of November 2006.

Works on the main Suir River Bridge commenced with a bund surrounding the site of the foundations for the Pylon. This is located on the Southern side of the river crossing and will

protect the final structure from water traffic. Similar works for the northern Pier foundation have also commenced. It is expected that piling for the Pylon foundations will start in early 2007.

#### Side Roads Construction

Side roads construction commenced with Cloone Road and will continue with the start of Nicholastown Road and Newrath East Link starting in January in 2007.

#### Structures

The project includes a wide variety of structures. These include pre-cast arch underbridges, pre-cast box underbridges, pile foundations, reinforced earth abutments and pre-cast beam overbridges. Works on the structures started with Structure 25 (Smartcastle Stream Diversion) in September 2006; and has continued throughout the months September to December as follows:

- Structure 26**  
Mullinabro Road Overbridge
- Structure 38**  
N9 Kilmacow Road Underbridge
- Structure 40**  
N9 Blackwater River Bridge
- Structure 51**  
Underpass
- Structure 09**  
Western Link Junction Overbridge
- Structure 13**  
Tourist Railway Underbridge

Platform Pylon Suir Bridge



## The Team

The Authority  
  
 An tÚdarás um Bóithre Náisiúnta

The PPP Company  
  
 CELTIC ROADS GROUP WATERFORD LTD.

The Construction  
  
  
 WATERFORD JOINT VENTURE

The Design  
  
  
  
 CARLOS FERNANDEZ CASADO S.L. OFICINA DE PROYECTOS

Designed & printed by Advantage Graphic Design. Tel: 051 376405

## WHERE YOU CAN CONTACT US

National Roads Authority	Celtic Roads Group	Waterford Joint Venture	Waterford City Council
Mr. Simon Meyrick N25 Waterford Bypass Site Office Grannagh Co. Kilkenny Tel: 051 83 13 20 Fax: 051 83 10 04	Mr. Ian Cunningham N25 Waterford Bypass Site Office Grannagh Co. Kilkenny Tel: 051 83 13 10 Fax: 051 83 10 24	Mr. Tadhg Lucey and Mr. Jose Luis Conesa N25 Waterford Bypass Site Office Grannagh, Co. Kilkenny Tel: 051 83 13 10 Fax: 051 83 10 24	Mr. Tom Hartery N25 Waterford Bypass Site Office Grannagh Co. Kilkenny Tel: 051 83 13 20 Fax: 051 83 10 04

24 Hour Telephone: 051 83 13 10



Other major activities that took place during the last year were: accommodation works such as ducting, installation of permanent farm gates, field accesses, accommodation walls and domestic entrances.

### Consultation with Public Authorities

From the time the project started, consultations with all the relevant local Authorities have been taking place. These include Waterford City Council, Waterford County Council and Kilkenny County Council.

### Environment

Environmental Impact Assessment (EIA) is a process for anticipating the effects on the environment caused by a proposed development or project at a particular site. Where effects are unacceptable, design or other measures can be taken to avoid or reduce these to acceptable levels. As part of the contract process, the environmental impact study and the planning process, assessment was made on the effects of the proposed route on any sites in the area. The requirements of the Environmental Impact Statement are being followed properly to design and construct the scheme. Environmental works are including water surveys and monitoring, and habitats, flora and fauna surveys. To take an example, The Meadow Barley plants have been moved from the Railway Meadow to a nearby receptor, Mullinabro Meadow, as the EIA requires. This translocation has been carried out under the required licences.

### Archeology

The following areas are already completed:  
 Archaeological Testing in Areas 10 & 11 – (Newrath Link and Grannagh)  
 Archaeological Monitoring in Area 4 - Dunkitt  
 Archaeological Monitoring in Area 5 - Mullinabro  
 Archaeological Monitoring in Area 6 – Granny N24 Tie In  
 Archaeological Excavation in Area 11 - Grannagh

Ground works are still ongoing, or have yet to commence, in a number of Areas and they will be completed in the following months:

- Area 1 - West Link Junction
- Area 2 - River Suir Bridge
- Area 6 - N24 tie-in
- Area 8 - River Blackwater crossing - work to be completed in April 2007
- Area 9 - Newrath -

### Upcoming Works

In the next months the upcoming works are as follow: On the west side of the Suir River, CBM works will commence for the pavement, drainage works will continue. Bridge works will be completed for Structure Sog overbridge, and works on the Toll Plaza and the Administration Building will commence.



1. Cut 2  
 2. Cut 9 – Ballyrobin Road Area  
 3. Cut 11 – East of Airmount crossroads  
 4. Fill 8



On the east side of the Suir River, earthworks will continue on in the mainline and will start the Ng Tie In and Newrath Link. Bridge works will be completed in Structures S26 Mullinabro Overbridge and S28 Ballyrobin Overbridge. Structure S38 Kilmacow Road Underbridge, S51 N25 Underpass and Structure S56 Service Culvert will also be completed in the upcoming months. Works continue S25 Smartcastle Underpass and Structure S40 Blackwater River Bridge and bridge works will in Grannagh Junction and Newrath Link. Highway drainage will commence in the mainline. Pavement works will start in side roads like Nicholastown Road.

Works in the Suir Bridge will continue the Pylon location and foundations for the pier 1, 2 and 3 and north abutment will commence in the upcoming months.

### Traffic Management & Temporary Diversions

We have initiated a number of traffic management measures installed along the route. These are summarised below. These measures are a necessary part of the construction works, we have kept their impact to a minimum.

Mullinabro Road plant crossing	Flagmen
Mullinabro Road realignment	Traffic lights & flagmen
Cloone Road plant crossing	Flagmen
Ballyrobin Road plant crossing	Flagmen
Ballyrobin Road temporary diversion & plant crossing	Flagmen
Cloone Road 1 - 2 plant crossing	Flagmen
Cloone Road plant crossing	Flagmen
Airmount plant crossing	Flagmen
Airmount temporary diversion plant crossing	Flagmen
Newrath Link 2 plant crossing	Flagmen
Newrath Area 5C site access	Flagmen (8:30 - 17:00)
Newrath Area 5B site access	Flagmen
Nicholastown Road tie in	Temporary diversion Traffic lights
Port Road tie in	Lane changes
Ballyrobin temporary diversion	Opening Ballyrobin temporary diversion
Airmount temporary diversion	Opening Airmount temporary diversion
Nicholastown Road	Opening Nicholastown Road temporary diversion
Nicholastown Road	Opening Nicholastown Road temporary diversion
Dunkitt Road	Opening Dunkitt Road temporary diversion (Ng)

Where traffic measures are in place we ask for your co-operation with the operators and thank you for your understanding.