

THE N25 WATERFORD BYPASS PPP SCHEME

Construction Progress

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

A new year, 2008, has also started for the construction of the N25 Waterford Bypass. Bulk earthworks has progressed well along the mainline in the North and Phase 1 and Phase 2 South side of the river Suir and along various links and side roads. Capping works commenced on the N24 Tie In and on the N9 Port Road.

Precast concrete units were installed for several culverts along the project and headwalls were being finalised in several culverts along the Project as well.

Highway drainage and ducting for the Authorities were finished along the following side roads:

- Cloone Road,
- Nicholastown Road and Kilmacow Road,
- Mullinabro Road and Ballyrobin Road.

The highway drainage and ducting for Authorities future use commenced in Mainline South side Phase 2, Newrath East Link, N24 Tie In, N25 Tie in, N29 Port road Tie In, Airmount Road and Sliverue Road. Both activities are progressing well in the mainline with 90% installed on the Northside and 83% installed on the Southside.

Kerbing is almost completed in the Western Link 1 Road as well as highway drainage.

Formation level was achieved on several areas of the project main road which allowed the commencement of soil stabilisation operations.

CBGM (Cement Bound Granular Material) activities also started during 2007 on the South Side Phase 1 with the

Continued overleaf



Aerial view looking East towards the river Suir

1.



2.

31% completed and on the North Side with the 20% completed at the end of December 2007.

Blacktop was finished in several side Roads such as Kilmacow Road North and Nicholastown Road and it is almost finished on Ballyrobin road, Mullinabro Road, Kilmacow Road South and Cloone Road as well as on Newrath East Link.

The following structures have been completed during 2007:

- S13 (Tourist Railway Underbridge)
- S25 & S50- Culvert Smartcastle/ Upass
- S26 - N25 Mullinabro Road Overbridge
- S28 - N25 Ballyrobin Overbridge
- S30, S31 & S33 (Culverts 11, 12 and N25 Stream open drain),
- S32 (N25 Airmount Overbridge),
- S38 - N9 Link : Kilmacow Road Underbridge
- S51 (U/pass 3.00x3.00)
- S52 - N9 Link Underpass /Pass 6.0 X 4.5.
- S54 (WIT entrance Culvert 6).
- S56 (Services 1.8 X 1.8. Mainline Underpass),

Structure S15A Toll Plaza Tunnel was almost completed during 2007: foundations, walls and roof are finished as well as waterproofing. In September 2007, Works commenced in the Toll Plaza Administration Building and are progressing well.



3.



4.



RIVER SUIR BRIDGE

Progress on the River Suir Bridge has accelerated in recent months since the completion of the foundations of the structure. The legs of the pylon which will ultimately support the deck of the new bridge are now clearly visible climbing from the south bank of the river. These legs are currently dwarfed by a temporary tower crane which will be used to lift many tonnes of steel and cubic meters of concrete to the higher levels as the pylon grows to a height of approximately 110 meters above the river over the coming months. Other elements of the work have also commenced including the piers and abutments and will continue to progress as we approach the summer. As work proceeds there is a real sense of community and pride amongst all those involved in working together towards the goal of delivering this structure of national significance.

1. *Structure 26 - Mullinabro Road Overbridge*
2. *Structure 1 - Whelansbridge Viaduct*
3. *Aerial view of River Suir Bridge*
4. *River Suir Bridge*



Traffic Management & Temporary Diversions

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

ROAD	MANAGEMENT MEASURES
NEWRATH LINK 2 PLANT CROSSING	.FLAGMEN
NEWRATH AREA 5 C SITE ACCESS	.FLAGMEN (8.30 to 17.00)
NEWRATH AREA 5B SITE ACCESS	.FLAGMEN
CASTLE ACCESS ROAD	.FLAGMEN
DUNKITT ROAD	.FLAGMAN & TRAFFIC LIGHTS
DUNKITT ROAD	.TEMPORARY OPENING
N29 PORT ROAD TIE IN	.FLAGMAN & TRAFFIC LIGHTS
N29 PORT ROAD TIE IN	.TEMPORARY DIVERSION OPENING
N29 PORT ROAD TIE IN	.TEMPORARY OPENING
N9 REALIGNMENT	.FLAGMAN & TRAFFIC LIGHTS
N9 REALIGNMENT	.TEMPORARY DIVERSION OPENING
N9 REALIGNMENT	.TEMPORARY OPENING
N25 TO WATERFORD	.FLAGMAN & TRAFFIC LIGHTS
N25 TIE IN	.TEMPORARY OPENING
NEWRATH CROSSING WITH N9	.FLAGMAN & TRAFFIC LIGHTS
AIRMOUNT ROAD	.ROAD CLOSURE FROM NOVEMBER 2007
SLEIVERUE LINK	.FLAGMEN & TRAFFIC LIGHTS
SLEIVERUE LINK	.TEMPORARY DIVERSION OPENING
LUFFANY SITE ENTRANCE	.FLAGMEN
N9 KILKENNY ROAD	.TEMPORARY DIVERSION OPENED
KILMACOW CENTRAL	.TRAFFIC LIGHTS & FLAGMEN
N9 SITE ENTRANCE	.FLAGMEN
GRANNAGH BRIDGE ACCESS ROAD	.FLAGMEN
SALLYPARK	.FLAGMAN & TRAFFIC LIGHTS
SALLYPARK	.TEMPORARY DIVERSION OPENING

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

The Team

The PPP Company



CELTIC ROADS GROUP
WATERFORD LTD.

The Construction



WATERFORD JOINT VENTURE

The Design



The Authority



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