NRA National Roads Authority

CELTIC ROADS GROUP WATERFORD

CRG WATERFORD

Volume1, Issue 7 November 2008

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

Since the last issue of our newsletter the N25 Waterford Bypass PPP Scheme has seen great progress on both the North and South side of the River Suir. We have continued the laying of blacktop over a majority of the project road and have also seen the opening of 3 new roundabouts at Slieverue, Newrath and also the Quarry Roundabout on the N24 route.

Over the past few months the following structure related activities have taken place on the North side, the Grannagh Junction-N9 Viaducts have seen the construction of all 27 No. concrete columns to their finished level and in the past few weeks the installation of the large steel girders which will span 154metres from the East Abutment to West Abutment, supported by these 27 No. columns. These viaducts when finished will consist of the mainline which will accommodate 4 lanes of traffic and also 2 slip roads which will take traffic to and from both the Mainline and Grannagh Junction Roundabout both East and West respectively.

Apart from the Grannagh Junction-N9 Viaducts, the Newrath Link-Existing N9 under bridge which will take traffic North and South over the existing N9 Link has seen the completion of both abutments and also the installation of the precast concrete beams spanning from each abutment over the existing N9 Link.

The construction of the Grannagh Junction-N9 Viaducts and Newrath Link- Existing N9 under bridge has led to a major diversion being put in place for the coming months which sees a 200m section of the existing

Continued overleaf

Aerial view of the River Suir Bridge

1.

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N9 closed between the Grannagh Junction and the turn off for Kilmacow, traffic is now diverted via the new Ferry Under pass which has been opened temporarily, to the N24 and back along the Quarry Link to the existing N9.

Also in the past few weeks one lane of the proposed Newrath Section 2 in the Sally park area has opened up to traffic to allow for the construction of the second lane, furthermore work is almost complete on the Dunkitt Road over bridge and will be accommodating live traffic in the coming weeks and also work has been completed on The Blackwater River Bridge which is one of our biggest structures and in the future will carry traffic over the Blackwater River on the new N9 Link.

On the South side of the River Suir, work has continued on the Whelansbridge River Crossing which spans over Whelan's stream at Kilmeadan Village near the start of the Bypass. Since our last issue work on this 198 metre, 6 span bridge, has seen the installation of the precast crossed heads which are supporting the 77 No. bridge beams that have also been installed. In the past month pouring of concrete to the deck has commenced and the deck is expected to be completed in the coming months.

Elsewhere on the South side works have continued on the Bawnfune Over bridge which takes traffic over the new Mainline and this has been temporarily opened to traffic and is due for completion in the coming months, work has also commenced on the Kilmeaden Road Over bridge in the last 2 months and is due for completion in the coming months as well, allowing for the construction of the Mainline to continue under the structure.

2.

RIVER SUIR BRIDGE

The highlight of S16 (Suir River Bridge) in the past few months has been the joining of the two Pylon legs at approximately 64m from the ground and the completion of the of the Pylon Mast to its finished height of approximately 120m. Also, in the past months the construction of both abutments has continued with the south abutment reaching completion.

In addition to this, the construction of the structural steel Bridge Deck, has commenced, starting with the back span, from the concrete pylon, the massive steel girders have been installed followed by the precast deck slabs, working toward the South Abutment. These steel girders are supported firstly at the pylon and then at different positions by a mixture of temporary supports and 4 Auxiliary concrete piers.

In the coming months the construction on the main span of the bridge over the River Suir will commence and this will see the installation of the pre-stressed cables on both the North and South sides of the Pylon, running from the Pylon mast into pre- fabricated anchorage points on the steel bridge deck girders these cables will provide support for the main span and it stretches across the River Suir to its finishing point at the North Abutment.

The following is a list of structures that have reached completion to date:

- S02 (Ballymoat Stream Culvert & pedestrian access)
- S03 (Disused canal underbridge)
- S13 (Tourist Railway Underbridge)
- S25-S50 (N25 Smartcastle Stream culvert)
- S26 (Mullinabro Overbridge)
- S28 (N25 Ballyrobin Overbridge)
- S38 (N9 Link Kilmacow Road Underbridge
- S30, S31 & S33 (Culverts 11, 12 and N25 Stream open drain),
- S32 (N25 Airmount Overbridge), S51 (U/pass 3.00x3.00)
- S38 (N9 Link – Kilmacow Road Underbridge)
- S41 (N9 Link Dunkitt Road Overbridge
- S50 (N25 Underpass 5)
- S51 (N25 Underpass 6)
- S52 N9 Link Underpass 7
- S54 (WIT entrance Culvert 6) and
- S56 (Services 1.8 X 1.8. Mainline Underpass)
- S57 (Bawnfune Overbridge)
- S59 (Woodstown Site Access Underbridge)

Pictured:

1. *Structure S01 Whelans Bridge*
2. *N25 Slieverue Roundabout*
3. *Structures S20-21-22A Viaducts, S18 Grannagh Junction and S16 Suir bridge*

Traffic Management & Temporary Diversions

A number of traffic management measures are still installed along the route and we shall install a few of them in the next three months. These are summarised below. These measures are a necessary part of the construction works; we have kept their impact to a minimum.

ROAD	MANAGEMENT MEASURES
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	OPENING UNDER TEMP TRAFFIC MANAGEMENT
N29 PORT ROAD TIE IN	FLAGMAN & TRAFFIC LIGHTS
N29 PORT ROAD TIE IN	OPENING UNDER TEMP TRAFFIC MANAGEMENT
N9 REALIGNMENT	FLAGMAN & TRAFFIC LIGHTS
N9 REALIGNMENT	TEMPORARY DIVERSION
N9 REALIGNMENT	OPENING UNDER TEMP TRAFFIC MANAGEMENT
N25 TO WATERFORD	FLAGMAN
N25 TIE IN	OPENING UNDER TEMP TRAFFIC MANAGEMENT
BALLYROBIN ROAD	FLAGMEN & TRAFFIC LIGHTS
CLOONE ROAD	ROAD CLOSURE & DIVERSION
SLIEVERUE LINK	FLAGMEN & TRAFFIC LIGHTS
SLIEVERUE LINK	OPENING UNDER TEMP TRAFFIC MANAGEMENT
LUFFANY TIE IN	OPENING UNDER TEMP TRAFFIC MANAGEMENT
N9	TEMPORARY DIVERSION OPENED
KILMACOW CENTRAL	TRAFFIC LIGHTS & FLAGMEN
N9 SITE ENTRANCE	FLAGMEN
GRANNAGH BRIDGE ACCESS ROAD	FLAGMEN
NEWRATH TIE IN	FLAGMEN & TRAFFIC LIGHTS
SALLYPARK	FLAGMAN & TRAFFIC LIGHTS
SALLYPARK	TEMPORARY DIVERSION OPENING
SALLYPARK	OPENING UNDER TEMP TRAFFIC MANAGEMENT

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

CRG WATERFORD

CELTIC ROADS GROUP WATERFORD LTD.

The Construction

bam civil

As from the 31st October 2008 Ascon Contractors Ltd. became Bam Contractors Ltd.

DRAGADOS

WATERFORD JOINT VENTURE

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