



M11 Gorey to Enniscorthy PPP Scheme

Issue 4

WELCOME to the fourth BAM IRIDIUM M11 project newsletter.

As we approach the end of 2016 our main contractor Bam Civil and Dragados in joint venture (M11 EJV) are progressing well with works including, Earthworks, Culverts, Utility diversions, Environmental protection measures and site fencing. Design and consultation with relevant bodies also continues.

BAM & Iridium are conscious of ensuring that both the local community and the wider region have opportunities to benefit from the construction as well as future operations and maintenance activities during this project and welcome all interested parties to contact us and apply directly or through our subcontractors.

M11 North Fill 3 Earthworks



SCHEME OVERVIEW

The scheme comprises of a new motorway from the end of the Gorey Bypass at Clogh to the townland of Scurlockbush, south of Enniscorthy. The scheme also includes a bypass of the N30 to the west of Enniscorthy and a link road to the N80.

The realigned route will comprise the provision of approximately 27 km of M11 Mainline, with a standard dual motorway carriageway type. In addition, approximately 8 km of single carriageway will be constructed to bypass Enniscorthy to the west by linking the existing N11 to

the existing N30 and also approximately 4 km of dual carriageway link road will connect the existing N11 / N80 junction north of Enniscorthy to the M11 Mainline.

PROJECT UPDATE

The M11 Gorey to Enniscorthy Project has entered its second year with all the main construction activities progressing well. Earthworks have commenced at four locations during the last quarter, in the townlands adjacent to Clogh, Rockspring, Knockrathkyle and Ballyorrl. Works are progressing as planned, maximising the advantages of the recent good weather.

Interceptor drainage, silt fencing and siltation ponds/settlement lagoons have been installed along the scheme to minimise the effect of the works on the surface water network. Dust monitoring and suppression (as required) is being carried out on a daily basis. The Culverts and Structures teams have mobilised in multiple locations around the site with more than 20 structures under construction. The local supply chain is partnering us in supplying us with their services including precast concrete for the structures, specialist backfill materials from local quarries and other contractors are providing plant, labour and equipment.

Environmental monitoring will be ongoing until the end of the project showing the clear commitment from M11EJV to mitigate the affects of the construction works.

Detailed design is ongoing.

Our own site laboratory is now established in our compound at Scarrawalsh and undertaking sampling and testing in order to ensure that all materials incorporated into the Works meet the applicable standards and assumptions of the Design.

Consultations are ongoing with the relevant Authorities including Wexford County Council, Inland Fisheries Ireland, the Office of Public Works, Irish Water, Iarnrod Éireann, An Garda Síochána and other private and public bodies. The team is also working in preparing advance warning signs on the N11 notifying motorists of site access/egress for the scheme' and many signs are already in place, as well as other signage for local road construction.

Below is a summary of expected works over the coming months:

Q4 2016 and Q1 2017

Well monitoring/Noise and Vibration Monitoring	Structures (Culverts)
Pre-earthworks drainage	Structures (Access Structures)
Top soil strip	Structures (Bridges)
Earthworks	Side Roads Works



M11 North Precast Placing (M11-AS6)



M11 South C27 Precast Placing



M11 North Fill 1 Earthworks



M11 North Fill 3 Earthworks



N30 Fill 2 Earthworks



M11 South C28 Culvert Installed with stream Diverted



M11 North Cut 1 Earthworks



Temporary Stream Diversion for N30-C06

MEET THE TEAM

Kevin Pettit from Galway is Senior Engineer for the M11EJV in charge of a section of the structures department.

What is your department's responsibility?

A: Responsible for the design and construction of all structural components covering main bridges (under or over the existing road/rail/river network); precast concrete culverts (to convey streams under the new carriageway) and precast access structures (to accommodate landowners, farm, plant and animals). This involves ensuring the design of such structures meets all safety, environmental and quality standards, thus ensuring our carbon footprint is kept to a minimum. I am currently planning, resourcing, budgeting and overseeing works on the northern half of the M11.

What are the challenges of your role?

A: Key challenges of the job include third party liaison with external stakeholders i.e. Transport Infrastructure Ireland, Wexford County Council, Landowners, Inland Fisheries, Irish Rail, etc. ensuring all documentation associated with the design and construction is in place and approved prior to commencing work on a structure.

Another challenge is to come up with the most efficient design possible (value engineering) whilst always working within the project constraints of tight programmes and deadlines.

Logistics planning plays another important role in such a project. Arranging some special size precast concrete deliveries with suppliers is a function that is largely unseen but highly important.

With such a major project comes many people and this is where team work comes into play. Therefore, good communication skills, self-motivation and encouraging all personnel to meet relevant goals and milestones are key along the way. This is important to ensure that the highest standards of health and safety, environmental good practice, workmanship and quality are established, continuously communicated and maintained for the duration of the project.

What gives you most satisfaction?

A: Seeing a conceptual design develop through all the stages of detailed design and eventually coming to fruition on site through the construction works gives the most job satisfaction. It makes all the long hours of design review and approval all the more worthwhile when you see the finished product in place on the ground. It gives the whole design and build team a timely boost.

What is the timetable of your works?

A: The majority of structural culvert and access accommodation structures within my section are programmed to be complete by late 2017, with most main bridge structures completed by quarter two 2018. Finishing and pavement works will then proceed towards project completion and eventual handover.

TRAFFIC MANAGEMENT



Map Alert App available for free download
mapalerter.com/councils/wexford

- The main traffic management to date on this scheme has been the installation of the scheme signage boards, installation of construction access points and plant crossings as well as site clearance works. Site crossing points have been installed, and these are manned by flagmen as appropriate.
- The L2020, Local Primary Road, from Clonhasten to Solsborough will close to vehicular traffic from the middle of November 2016 until February 2017 to facilitate the reconstruction of part of the local Primary Road at Ballynabarney, Enniscorthy. This is for advance works to facilitate the construction of the new River Slaney and Iarnrod Eireann Bridge. Alternative routes via the L2020, N11 and R744 will be signposted.
- The works access traffic management layouts and plant crossings will remain in place for the coming months.
- Some of the site crossing points are now fully operational. Construction plant are using these crossing points on local and regional roads to move from one part of the site to another. Flag persons will be in position to control these traffic movements, and public road traffic will be stopped to allow site plant to cross. M11EJV appreciates the co-operation and patience of road users during the site operations.

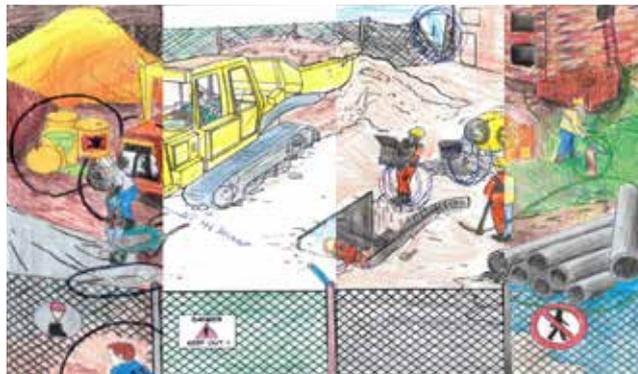
KEEPING THE COMMUNITY INFORMED

We are committed to constructing the Works with minimum disruption to the public and to road users and to contributing to the Irish economy through job creation and by endeavouring to source materials and subcontractors through the local supply chains where possible.

As the works ramp up from now on, the need to keep the community informed of our activities becomes more important. For the best up-to-date information, please keep an eye on the project website www.m11gtoe.ie.

COLOURING COMPETITION SPOT THE DANGERS!

We would like to thank all the children that took part in our colouring Competition and send us their wonderful drawings. The four lucky winners Else, Sandra, Cory and Erin have visited our offices to see the site and collect their One4All vouchers!



CONTACT US

Should any member of the public wish to make contact or obtain further information please use the information below:



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