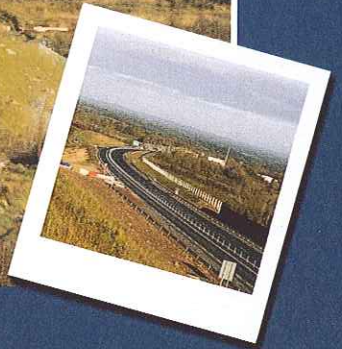


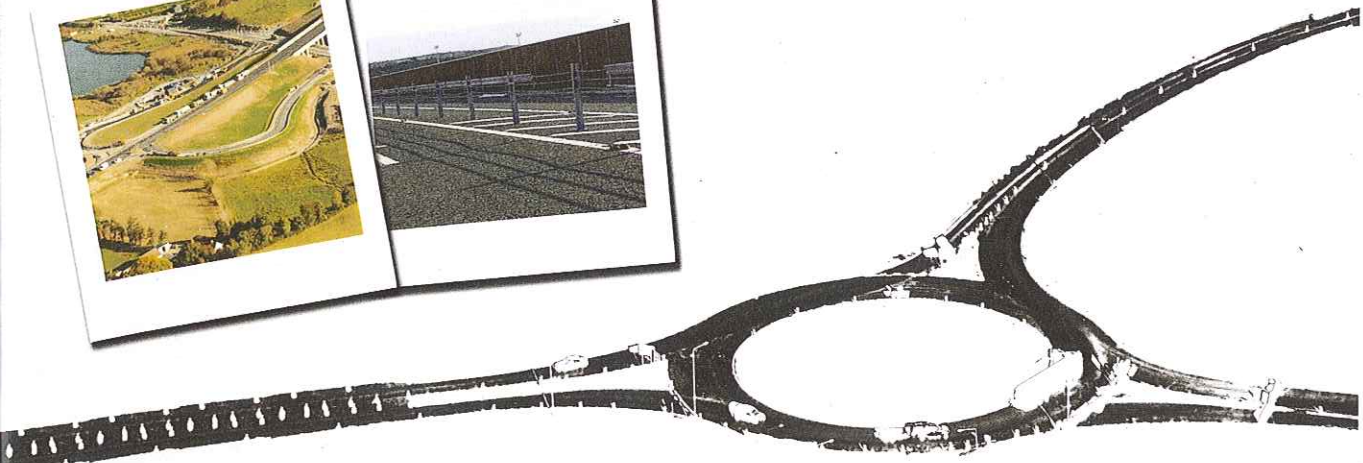
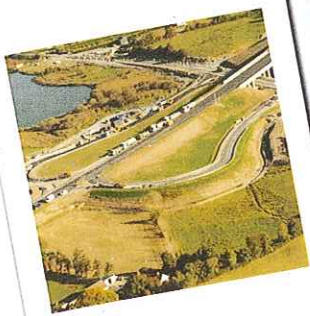


Scéim an Bhóthair N2 Baile na Lorgan / Cluain Tiobraid N2 Castleblayney / Clontibret Road Scheme

Premorne Way Sli Prioich Mughadhorna



Officially opened by:
Mr. Noel Dempsey, T.D., Minister for Transport
5th November 2007





Scéim Bóthair N2 Baile na Lorgan / Cluain Tiobraid

The 16km N2 Road Realignment Scheme runs north-south through the drumlin topography in County Monaghan.

Named after the ancient barony of Críoch Mhughdhorn, the Cremorne Way is a major infrastructural improvement to the National road network in County Monaghan. The original Scheme was designed as a single carriageway road and in 2004 was upgraded to a pilot 2+1 road type and progressed as a Design and Build Contract.

Tendering for the Scheme began in October 2004, and the Contract was awarded to GAMA-TUBIN CONSTRUCTION Ltd. in September 2005. The designers for the Scheme were Arup Consulting Engineers, Dublin. Works commenced on site in November 2005. The drumlin topography presented many engineering challenges, including soft ground and bogs, major sections of cut and over 1.2 million cubic metres of fill material. It took 24 months to deliver the new N2 mainline.

Monaghan County Council would like to acknowledge the support of the EU, the National Roads Authority, Department of Transport, Atkins Consulting Engineers, the contractor Gama-Tubin Construction Ltd. and their designers Arup Consulting Engineers. Their co-operation and assistance resulted in the timely delivery of this Scheme.

Landowners

130 Hectares of land was acquired under Compulsory Purchase Order. GVA D. O'Buachalla were appointed as valuers. Monaghan County Council would like to thank all landowners and residents along the Scheme for their co-operation and patience during the construction works.

Benefits

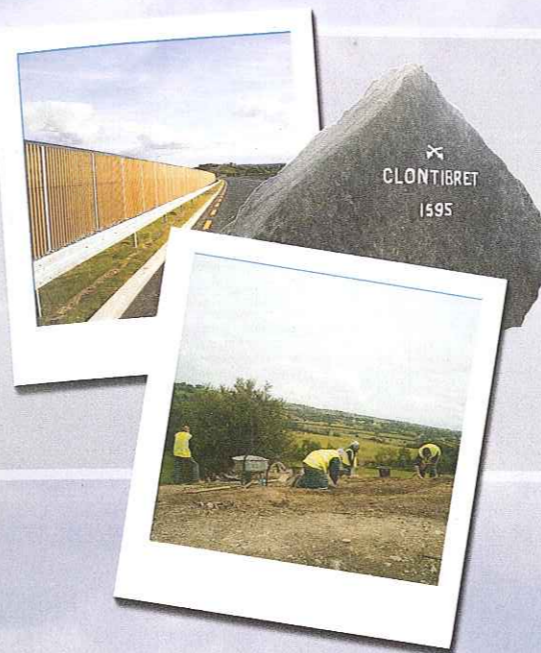
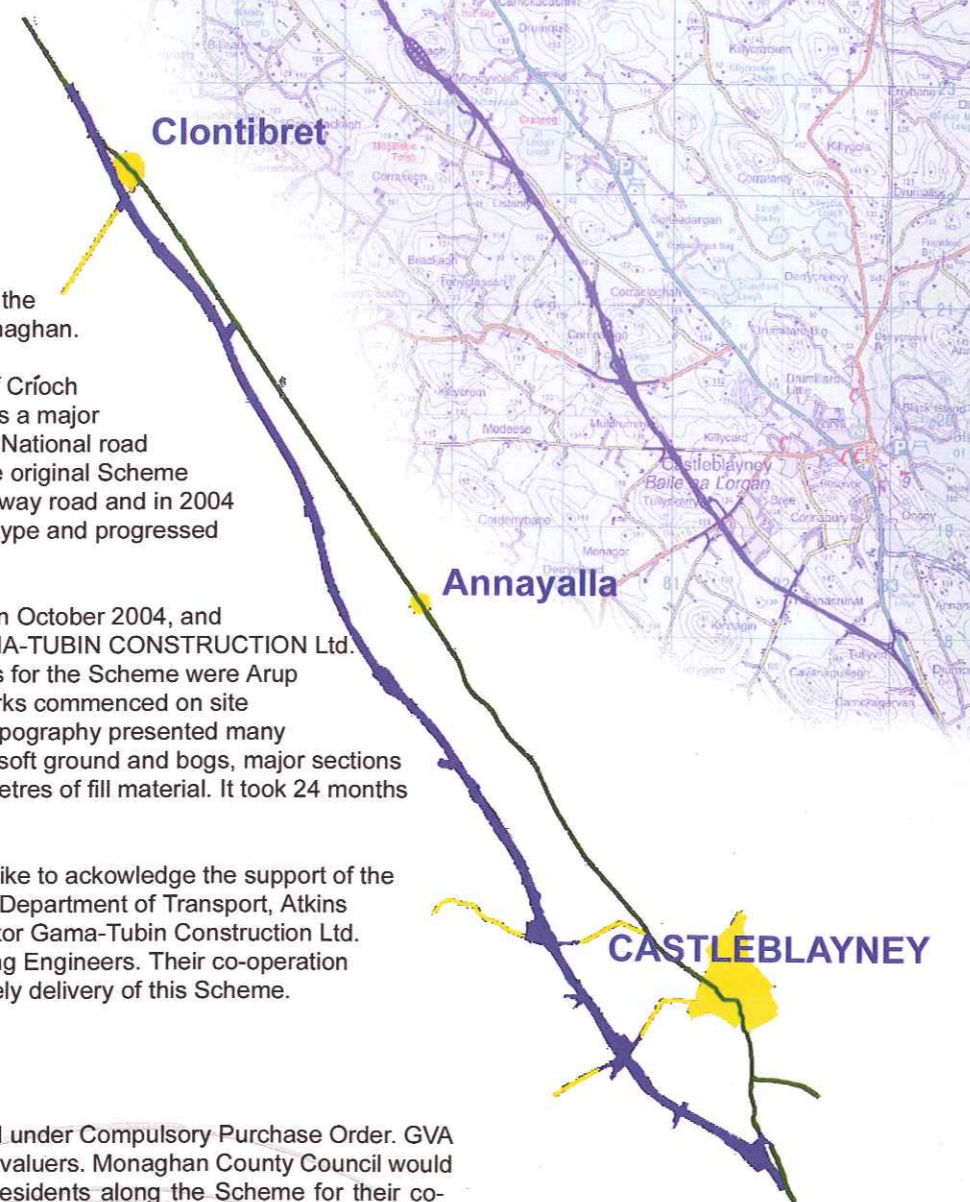
Improving Road Safety, reducing accident severity and ensuring journey time reliability

Enhancing and strengthening the economic prosperity of Castleblayney, the hub town of Monaghan and the entire Northwest Region through the provision of essential road infrastructure and communication links

Achieving the goals of the National Development Plan and the Trans-European Road Network by providing a high quality N2 National Primary Route linking Dublin and the East to Donegal, Derry and the West

Peak journey time savings of up to 25 Minutes

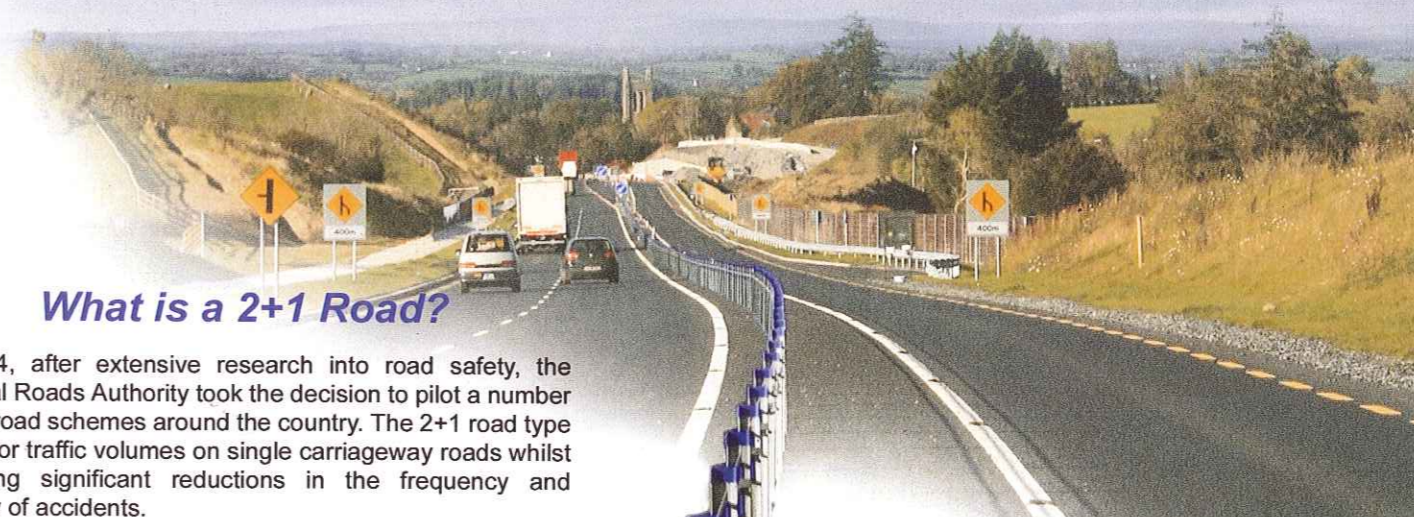
Improving the environment by removing road traffic noise and pollution from Castleblayney Town Centre and the villages of Clontibret and Annayalla



Archaeology and the Environment

The area surrounding the Scheme has a rich and varied heritage. The name "Cremorne Way" or "Sí Críoch Mughdhorna" seeks to instil some of the archaeological heritage of the area into the bypass and to remind all road users that they are travelling through a county steeped in culture and history. Every effort was made to ensure the Scheme did not impact on the archaeology or environment of County Monaghan. The site of the battle of Clontibret, fought in 1595 during the Nine Year War, is located close to Clontibret village and was unaffected by the works. Comprehensive archaeological assessment was initiated by Monaghan County Council prior to construction, ensuring that there was no delay to the construction works. A number of bronze age and medieval artefacts were recovered, including a spindle whorl used in the manufacture of clothing and a glass bead found in the vicinity of a medieval ring fort. The archaeological investigations were undertaken by Irish Archaeological Consultancy Ltd.

The findings of environmental assessments were incorporated into the Employers Requirements for the Scheme. Almost 8km of reflective and absorbant noise barriers were used to ensure a scheme which complies with Irish and European Standards.



What is a 2+1 Road?

In 2004, after extensive research into road safety, the National Roads Authority took the decision to pilot a number of 2+1 road schemes around the country. The 2+1 road type caters for traffic volumes on single carriageway roads whilst achieving significant reductions in the frequency and severity of accidents.

The 2+1 road type allows for safe overtaking on alternating sections of between 1 and 2 kilometres. The opposing traffic volumes are separated by a safety barrier which prevents overtaking on the single carriageway sections, eliminating crossover accidents and head-on collisions.

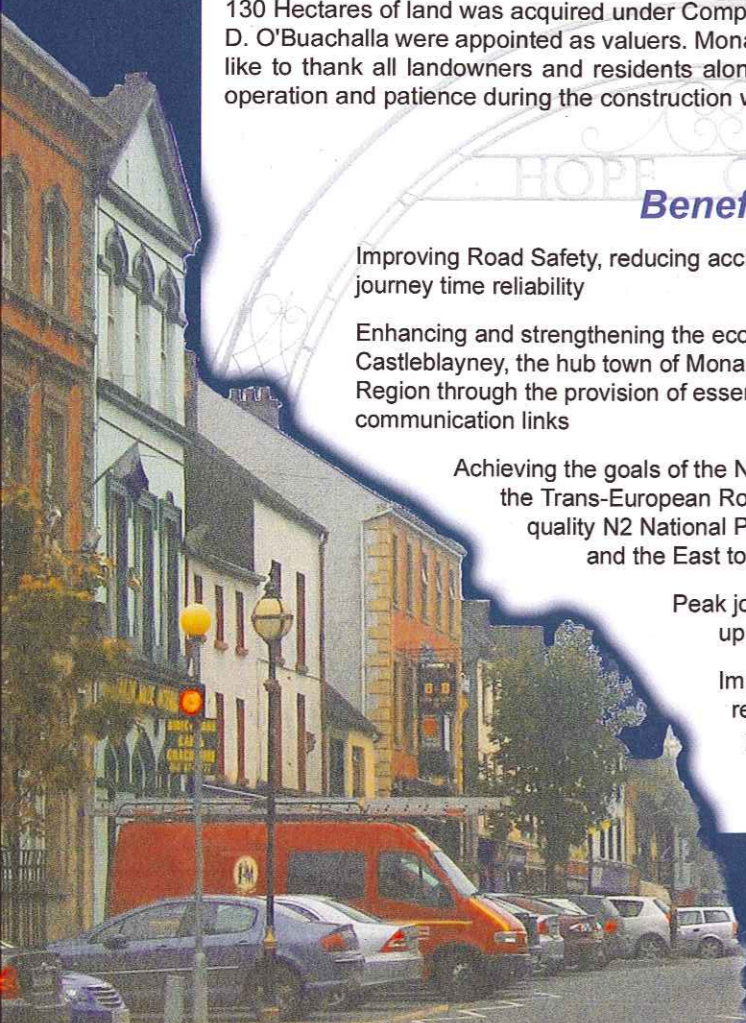
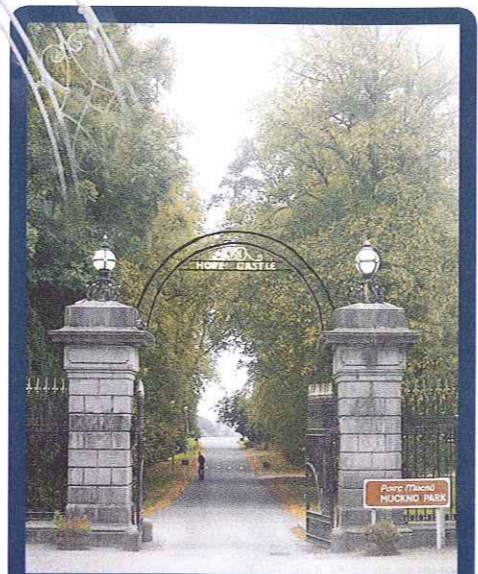
Funding

Identified as an objective of the National Development Plan, the Scheme was funded by the Irish Government under the National Development Plan 2000 - 2006 and part-financed by the European Union.

The total cost of the Scheme represents an investment of €115m in the road infrastructure of County Monaghan.

Significant Milestones

- 1996 - 2000: Monaghan County Council commissioned preliminary design and environmental investigations
- July 2000: Part X Planning approval
- December 2000: Atkins Consulting Engineers appointed to undertake detailed design
- December 2000: Compulsory Purchase Order made
- December 2000: Norwest Holst undertook initial site investigations
- December 2002: GVA D. O'Buachalla appointed as Valuers
- December 2002: Compulsory Purchase Order confirmed
- October 2004: Part 8 Planning approval
- March 2005: Glover Site Investigations Ltd. undertook ground investigations
- March 2005: Irish Archaeological Consultancy Ltd. undertook archaeological investigations
- November 2005: Design & Build Contract awarded to Gama-Tubin Construction Ltd., Dublin. Arup Consulting Engineers employed as designers to the Scheme



Length: 16km	Estimated Cost: €115 million	Bridges: 8	Compact Grade Separated Interchanges: 2	Roundabouts: 3	Peak Workforce: > 160 persons
Land Acquired: 130 hectares	Embankments: 1.2 million cubic metres	Parcels of Land: 114	Safety Barrier: 35km	Noise Barrier: 8km	Cuttings: 1.5 million cubic metres
		Soft Ground Excavations: 425,000 cubic metres		Bituminous Pavement Materials: 195,000 tonnes	



Cllr. Gary Carville
Mayor
Monaghan County Council

Ar son Comhairle Chontae Mhuineacháin agus Mhuintir an Chontae, cuirim fóirfhálte roimh gach duine anseo inniu. Gabhaim buíochas le gach duine a thug cúnaimh don Chomhairle chun an Seachród nua seo – Sif Críoch Mughdhorma - a chur i bhfeidhm.

The people of Co Monaghan should be pleased and privileged that the National Roads Authority chose this greenfield site to pilot a 2+1 road Scheme. This new road offers commuters a safer route and a reduction of 25 minutes in journey time. The newly constructed road will transform the lives of the people of Castleblayney by removing 10,000 vehicles per day from its congested town and also return the villages of Annayalla and Clontibret to its people. This first class Road Scheme will deliver real and immediate benefits to the people of County Monaghan, the Border Region, the Northwest Region and beyond.

I congratulate everyone involved in the completion of this fine project and wish all who travel it a safe journey.

Beannacht Dé ar gach duine!



Declan Nelson
County Manager
Monaghan County Council

This 2+1 pilot road project marks the completion of a very significant element of national road infrastructure in the County. This road will improve the quality of life of our people by providing safer and shorter travel times, opening up the county and region to potential industrial and commercial development, and facilitating and encouraging traditional business and tourism.

The N2 Castleblayney to Clontibret Scheme, together with the recently opened bypasses of Carrickmacross and Monaghan town, has provided 27 kilometres of new National Primary Road in County Monaghan, enhancing the attractiveness of the area as a place to live, work and visit.

I would like to thank the Minister Mr. Noel Dempsey and the officials from the Department of Transport, the Chairman Mr. Peter Malone, the Chief Executive Mr. Fred Barry and the staff of the NRA, and the Mayor and Members of Monaghan County Council. I would also like to thank Atkins Consulting Engineers, the Council Staff and the Contractor for all their efforts in delivering this superb project.



Peter Malone
Chairman
National Roads Authority

Today is an important day for Monaghan and the Northeast. It truly highlights how the entire region is interdependent on a modern road network allowing for greater economic growth and prosperity for everyone.

Take a look at the impact the improvements along the N2, north of Ardee are having - it is now the main arterial route from Dublin to Derry, Donegal and the northwest.

Along with the completion of the Ashbourne Bypass, the N2 is fast becoming a high quality route linking Dublin to the Border and Northwest region. In addition, the country's first major inter urban route - the M1 from Dublin to the Border was completed earlier this year. This underpins the NRA's commitment to the development of the Border, Midland and Western Region (BMW) in line with Government policy.

I congratulate all involved in working on the Castleblayney/Clontibret Road Scheme.



Danuta Hübner
Commissioner for
Regional Policy

On behalf of the European Commission I welcome the opening of the N2 Castleblayney to Clontibret bypass on the N2 Trans-European Road Network. The project will improve the internal road transport infrastructure, facilitating the efficient movement of business and tourism traffic and enhancing regional connectivity and cross-border cohesion. The opening of this bypass will also ensure a high level of service for communities living on the N2.

This project is the culmination of a successful working partnership between the EU and Ireland.

The Commission is pleased to have co-financed the planning and design of the project through the European Union Regional Development Fund.



Mr. Noel Dempsey, T.D.,
Minister for Transport

The N2 Castleblayney to Clontibret bypass marks another milestone in the continuing development of the national road infrastructure in this country and I am very happy to be associated with its opening.

The N2 National Primary Route is the main arterial route from Dublin to Derry, Donegal and the northwest, and the section from Ardee to north of Emyvale forms part of the Trans-European Road Network.

This scheme is 16km in length and provides a bypass of the town of Castleblayney and the villages of Clontibret and Annayalla. It runs between the townland of Moy Otra at the northern end to the townland of Drumcrew at the southern end of the scheme. The 2+1 road type provides safe two-lane overtaking zones, which alternate with one-lane sections at intervals of approximately 2km. The traffic streams are separated by a safety barrier which prevents overtaking manoeuvres on the single-lane sections. Right turning will only be permitted at designated junctions to reduce the number of conflict areas and to enhance safety. The scheme was a Design and Build type contract.

Finally, I wish to extend my thanks and congratulations to Monaghan County Council, the National Roads Authority, Contractors, Engineers and all others involved in the project.

ATKINS

Consulting Engineers

Tom O'Malley *Managing Director*
Jack Sheehan *Director, Highways*
Martin Jennings *Project Director*
Ursula O' Higgins *Project Manager*

Resident Engineering Staff

David Corrigan *Project Resident Engineer*
Colin Murdock *Senior Resident Engineer*
Eugene Hickey *Senior Resident Engineer*
John McGrath *Senior Resident Engineer*
Sean McDonnell *Senior Resident Engineer*



Monaghan County Council

Comhairle Chontae Mhuineacháin

Declan Nelson *County Manager*
David Fallon *Director of Services*
Paddy Johnson *Senior Engineer*
Con McCrossan *Senior Engineer*
Seamus Grogan *Liaison Officer*
Marie Smyth *Administrative Officer*

GAMA - TUBÍN

CONSTRUCTION LTD.



Design & Build Contractor

Mr. Tuna Bayrac *Managing Director*
Mr. Engin Sinopluoglu *Project Manager*