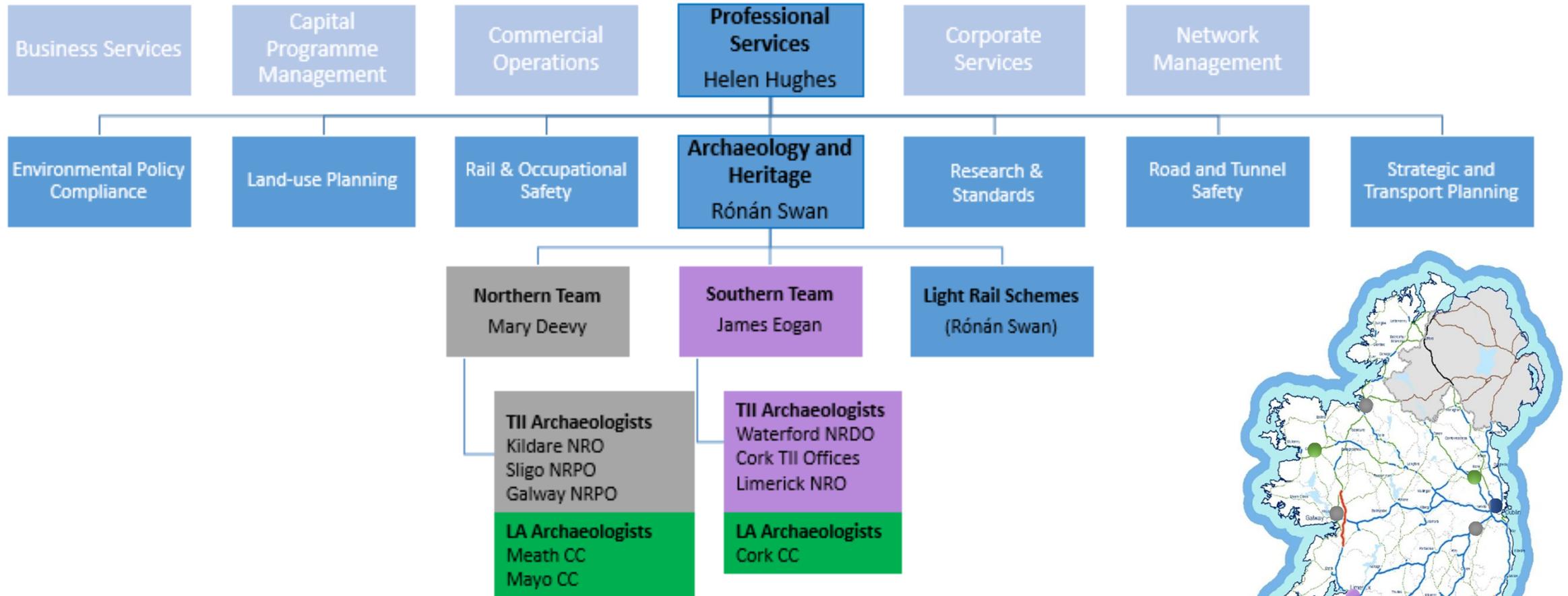


Current developments in TII Archaeology and Heritage

Rónán Swan, Head of Archaeology and Heritage,

TII Roads Conference, Letterkenny
29th September 2017

TII Archaeology and Heritage



Archaeology and Heritage

Primary Objectives

To manage and minimise the impact of archaeology and heritage on all TII schemes in context of:

- **Managing Risk** (Time and Money),
- **Legislation** (International Conventions, EU Directives, National Monuments Acts),
- **Public Trust/Public Value.**

Key Functions

- **Managing archaeological aspects of TII Projects** From inception to completion.
- Policy Development – Agreed **new Code of Practice** (signed June 2017).
Review of Standard Forms of Archaeological Contracts
- Disseminating archaeological results – **TII Digital Heritage Collections** (launched June 2017)
- Public/Professional Engagement – **Archaeology 2025** (published May 2017).

Key stakeholders

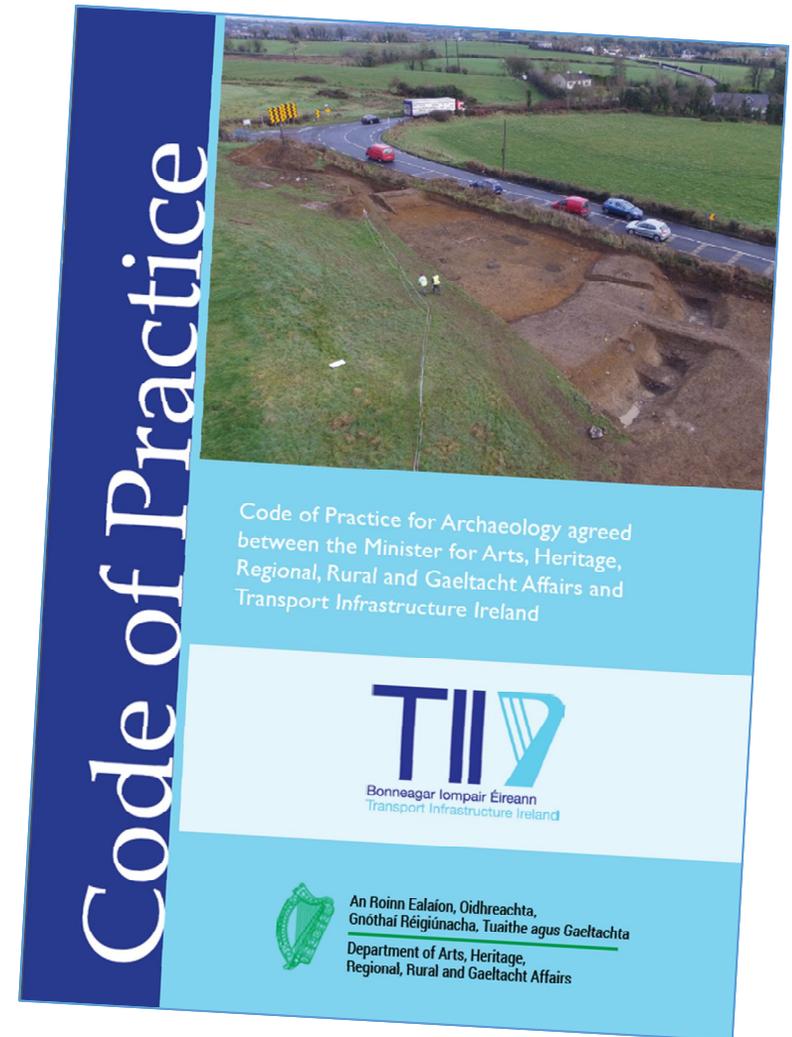
- Statutory Authorities (National Monuments Service and National Museum of Ireland), Local Authorities, contractors, consultants, landowners, RIA, Discovery Programme, universities, media and General Public
-

Code of Practice (June 2017)

Between Minister for Arts, Heritage, Regional, Rural and Gaeltacht Affairs and TII.
Applicable to all TII funded Projects

Agreed TII Actions

- Assign **Project Archaeologist** to each TII project inception to completion.
- Set out **annual work programme** for Minister.
- Ensure that Project Archaeologist is a **member of the Project Team**.
- **Assess archaeological implications** of TII projects from outset.
- Require works to be carried out by **competent archaeologist**.
- Undertake **advance archaeological works**, if impractical develop **archaeological strategy**.
- Consider whether **Preservation in-situ** is possible, if impractical allow sufficient time for preservation by record.
- Provide **funding** to fulfil the post-excavation and reporting requirements.
- **Publish and/or disseminate** the archaeological results of the TII projects.
- **Consult** with the Minister throughout the life-cycle of each project.



Please note that Department has since been renamed as Department of Culture, Heritage and the Gaeltacht

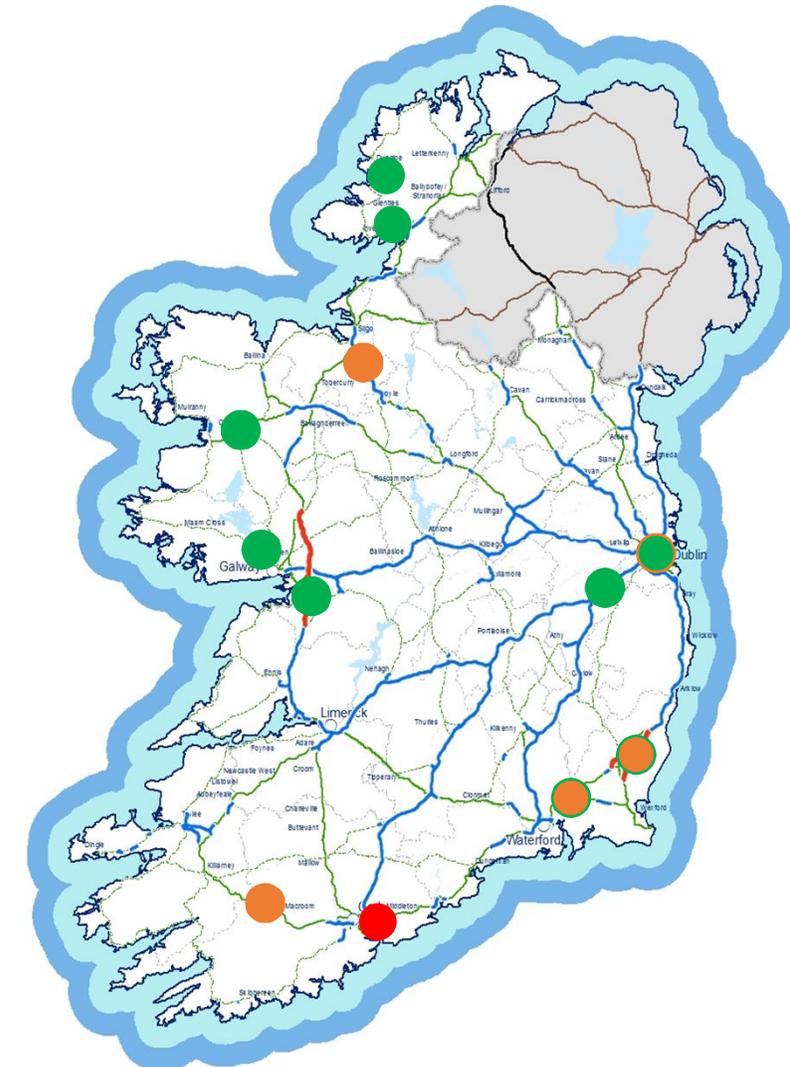
Project Management Guidelines, 2017

Project Management Guidelines (September 2017)	Key Archaeological Actions
Phase 0 Scope and Pre-Appraisal	
Phase 1 Concept and Feasibility	Assignment of Project Archaeologist
Phase 2 Option Selection	
Phase 3 Design and Environmental Evaluation	Archaeo-geophysical surveying (if required)
Phase 4 Statutory Processes	
Phase 5 Enabling and Procurement	Ministerial Directions (for “approved national road schemes”) Advance Works Contracts and Identification of residual areas to be archaeologically monitored during construction
Phase 6 Construction and Implementation	Onsite archaeological monitoring
Phase 7 Closeout and Review	Deposition of archaeological objects and archives with statutory authorities



Capital Investment Plan 2016 – 2021

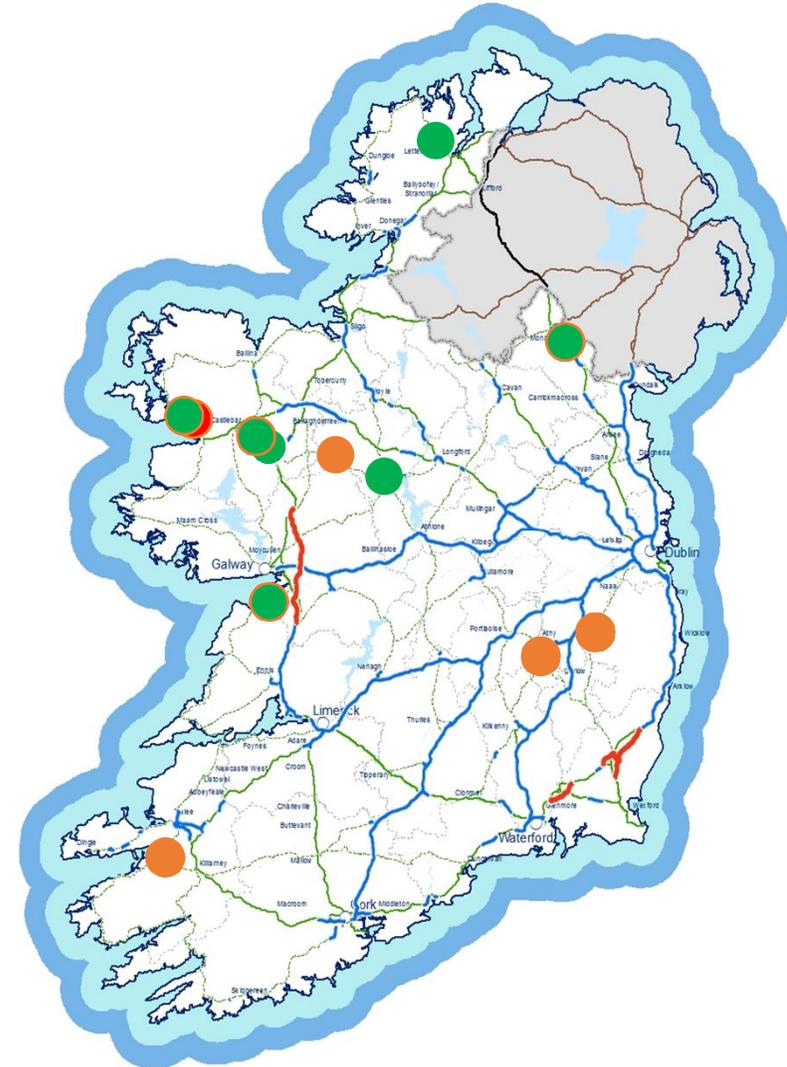
PPP Programme	
M17 Gort to Tuam	All archaeological works completed
M11 Enniscorthy to Gorey	Archaeological Monitoring
N25 New Ross Bypass	Archaeological Monitoring
Capital Investment Plan	
N56 Mountcharles to Inver (Rolling Programme)	All archaeological works complete
N59 Moycullen Bypass	All site works completed
N56 Dungloe to Glenties (Rolling Programme)	All site works completed
N5 Westport to Turlough	All site works completed
Luas Cross City	Archaeological Monitoring
N4 Collooney to Castlebaldwin	Archaeological field work in progress (tbc October 2017)
N7 Naas Newbridge Upgrade	All site works completed
N22 Baile Bhuirne to Macroom	Archaeological field work in progress (tbc April/May 2018)
M8/N40/N25 Dunkettle	Preparatory works underway, st (i.) tender to be let



Not illustrated – Schemes in planning

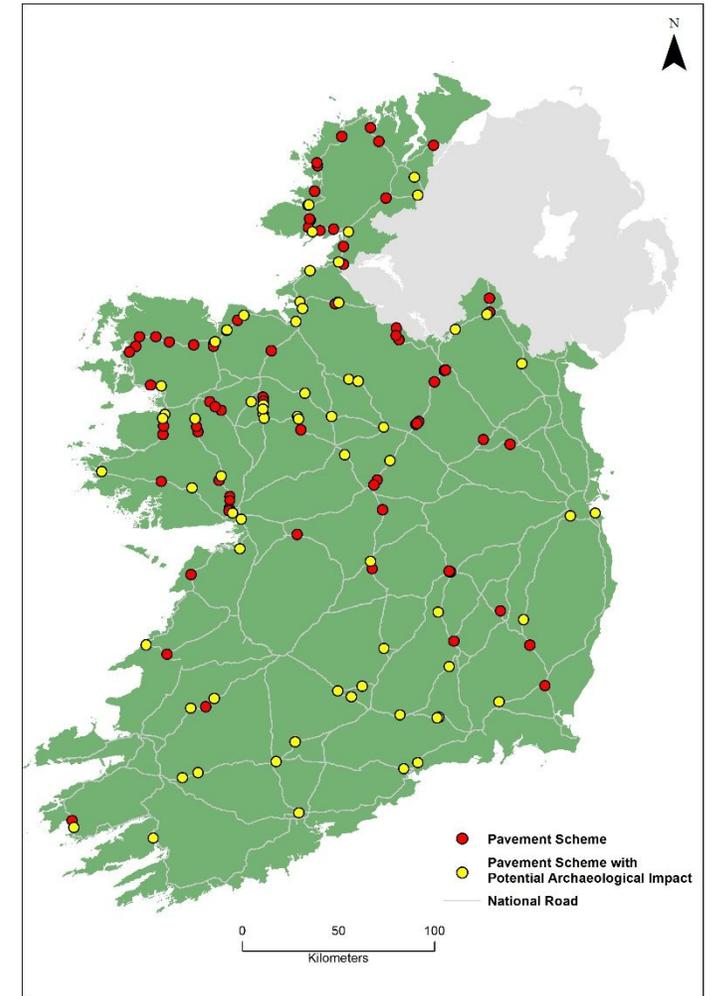
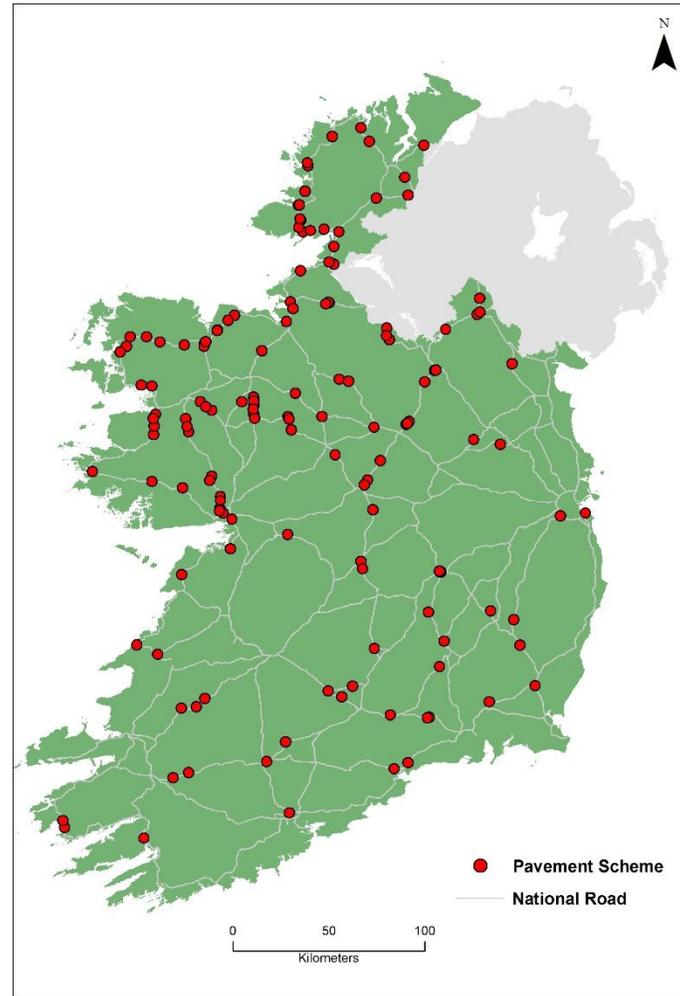
Minor Schemes 2017/2018

N61 Coolteige	All site works completed
N56 Coolboy to Kilacrennan	All site works completed
N2 Monaghan to Emyvale	Substantially complete (Residual)
N70 Kilderry bends	Archaeological excavations underway
N80 Maidenhead	Archaeological Tender being assessed
N81 Knockroe bends	Archaeological excavations underway
N59 Westport to Mulranny Kilmeena	Substantially complete (Residual)
N67 Ballindereen to Kinvara	Substantially complete (Residual)
N60 Heathlawn	Substantially complete (Residual)
N60 Oran	Archaeological excavations underway
N60 Laganamuck	All archaeological works completed
N59 Newport to Darrada	Archaeological works to commence in 2018



Not illustrated – Schemes in planning, Pavement and Safety, Motorway Service Areas, Bridge Rehabilitation and National Cycleway

Pavement Schemes (2018 Programme)



Review of Fixed Price – Archaeological Contracts

Originally published 2009 <http://constructionprocurement.gov.ie>

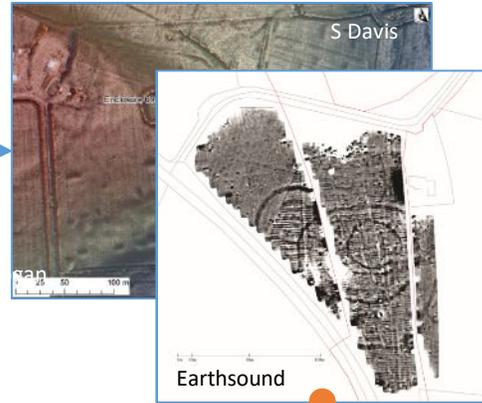
Preparing submission for TII/GCCC

Procurement

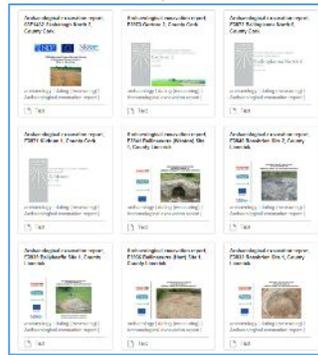
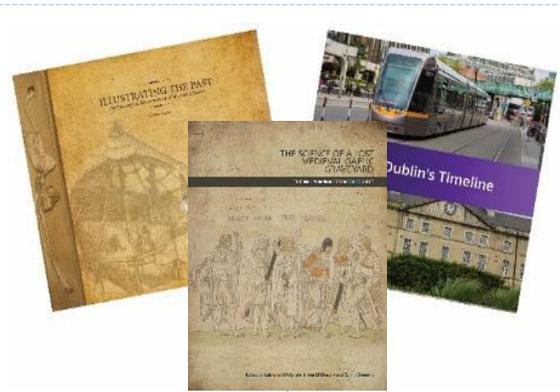
- Lowest Price versus Quality
- Simplify documentation
- **Review Conditions of Engagement**
 - Definitions
 - Applicable for Ministerial Directions, Ministerial Consents, and Section 26 Licences
 - Penalties for non-performing contractors short of termination
 - Deductions for failure to submit Progress Reports or Programmes and/or Liquidated damages
 - Change order mechanisms
 - Align with Code of Practice
- **Update Specifications**
 - Reflect changes in legislation
 - Reflect changes in technology
 - Reflect changes in practice



Archaeological Works Procedure



Stage i.



Stage iv.



Stage iii.

Public Engagement



Irish Examiner

NEWS SPORT BUSINESS VIEWS LIFE EXAMINER PROPERTY MOTORS TECH VIDEO SHOW

LATEST IRELAND TODAY BUSINESS FARMING WORLD DEATHS WEATHER MORE

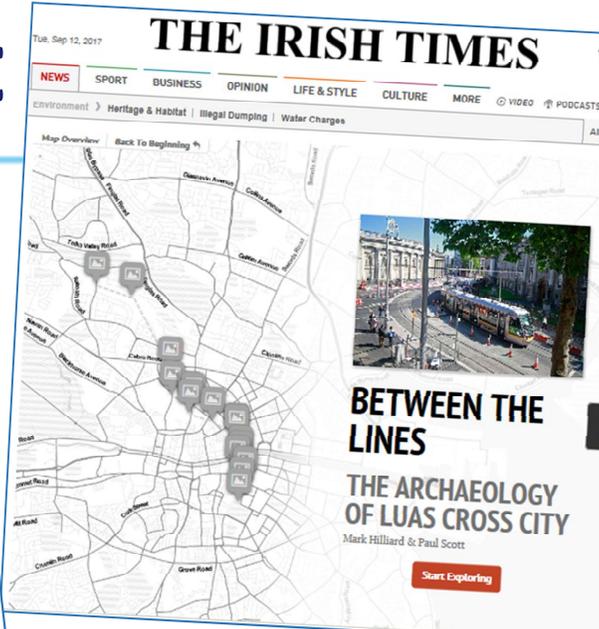
HOME TODAY'S STORIES

Bronze Age ring fort among sites discovered on Macroom road route

Monday, August 28, 2017

Sean O'Riordan

Archaeologists have discovered 30 previously unknown ancient sites along the proposed Macroom bypass route, including a Bronze Age ring fort.



Tue, Sep 12, 2017

THE IRISH TIMES

NEWS SPORT BUSINESS OPINION LIFE & STYLE CULTURE MORE VIDEO PODCASTS

Environment > Heritage & Habitat | Illegal Dumping | Water charges



BETWEEN THE LINES

THE ARCHAEOLOGY OF LUAS CROSS CITY

Mark Hilliard & Paul Scott

Start Exploring



Skeletons, weapons, a well: Luas works reveal Dublin past



The Corkman

LIFESTYLE LOCAL NOTES OPINION

to the past' as more and more of our heritage goes online

Conor Nelligan, City Heritage Officer



Beware of the dog — giant killer canine is unearthed

...of 'prized' slaughter hound at settlement in Kildare could be uncovered

Interest in what lies beneath our feet



N25 NEWSLETTER

N25 NEW ROSS BYPASS PPP SCHEME

ISSUE NO. 2 www.n25newross.ie 3RD QUARTER 2016



New Roads to New Ross' heritage

James Eogan, Senior Archaeologist, Transport Infrastructure Ireland (TII)



An extensive programme of archaeological investigations was undertaken in advance of construction of the N25 New Ross Bypass. This work was carried out by professional archaeologists in accordance with directions issued by the Minister for Arts, Heritage and the Gaeltacht.



The butt of a broken stone axehead from the Neolithic house at Ryleen

The remains of the medieval farmstead excavated at Landscape

deceased members of society 3–4,000 years ago. During construction a team of archaeologists are monitoring construction works in 13 locations where it was not possible to carry out advance investigations. If any archaeological



DONEGAL DEMOCRAT

Book launched on 15th century finds in Donegal

Last night saw the launch of a fascinating new book, *The Science of a Lost Medieval Gaelic Graveyard: the Ballyhann Research Project at the Abbey Arts Centre*, Edited by Catriona J McKenzie, Eileen M Murphy & Colin J Donnelly, it's the latest in the TII Heritage Series.

TII Digital Heritage Collections (Launched June 2017)

Welcome to the TII Open Data Portal
This site hosts data sets published by Transport Infrastructure Ireland.

DATA.GOV.IE
4894 Datasets | 97 Publishers

HeritageMaps.ie
Heritage Maps

**Accessible from <https://repository.dri.ie>
<http://tii-gis.maps.arcgis.com>**

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... access to these rich collections to the general public and professionals alike.

Concluding Remarks

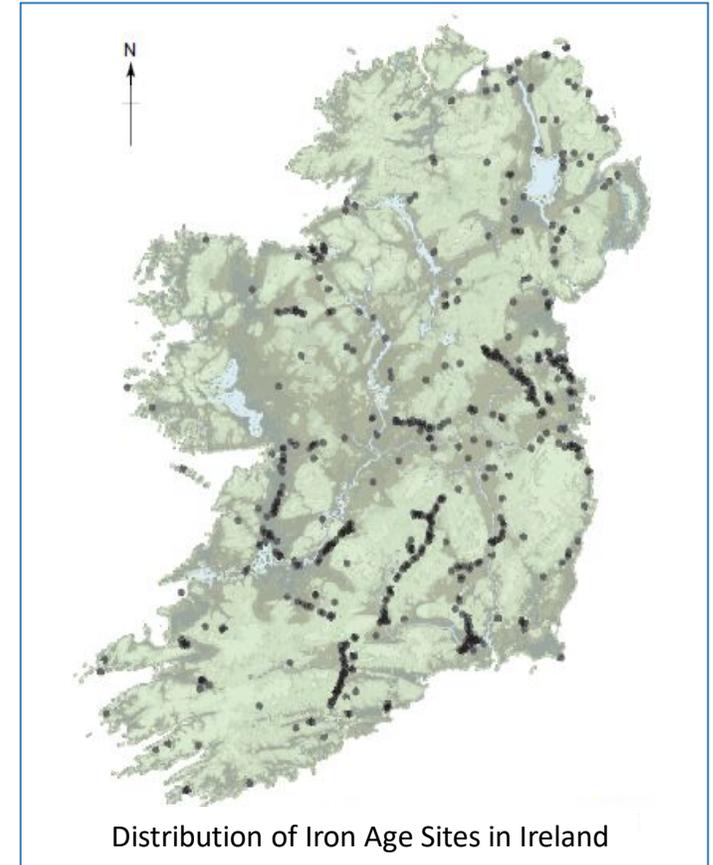
STORIES OF IRELAND'S PAST



Edited by Michael Stanley, Rónán Swan & Aidan O'Sullivan

“it would be hard to overstate the scale and importance of the contribution made by TII and its predecessor, the NRA, in overturning preconceptions about Ireland’s past and in making us rethink how people lived, interacted and made sense of the world centuries and millennia ago.”

Dr Alison Sheridan, Principal Curator,
National Museums Scotland *at launch,*
August 2017



Distribution of Iron Age Sites in Ireland

Thank you!

Rónán Swan

Head of Archaeology and Heritage

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Acknowledgements

Aileen O'Brien, James Eogan, Lillian Butler, Mary Deevy, Michael Stanley, and Paul O'Keefe.

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Rubicon Heritage (LCC posters).