

# Westmeath County Water Conservation Project

## Stage 3 Watermains Rehabilitation Works

### Mains Rehabilitation Works - Mullingar Town

February 2013



Ireland's EU Structural Funds  
Programmes 2007 - 2013

Co-funded by the Irish Government  
and the European Union



*Border, Midland & Western*  
Regional Assembly



Comhshaol, Pobal agus Rialtas Áitiúil  
Environment, Community and Local Government



## Mains Rehabilitation Works – Mullingar Town

- Why is it needed?
  - Ageing distribution pipe network
    - Older Cast Iron Mains
    - Asbestos Cement mains at the end of their design life
    - Defective Fittings
  - Water shortages due to harsh winters in 2009/2010 put excessive strain on the existing system
  - Unsustainable levels of water losses (leakage)
- Response?
  - Westmeath County Council plans to rehabilitate its most critical watermains
  - Deliver a 21<sup>st</sup> Century Potable Water Network
  - Contract One: Lynn Cross to Milltownpass rehabilitated in 2012 – significant savings



## Mains Rehabilitation Works – Mullingar Town

- What next?
  - Rehabilitation of over 29km of watermains in Mullingar Town
  - Replacement of those worst performing sections of watermain in terms of maintenance and water losses
  - Opportunity arises via funding secured under the European Regional Development Fund (ERDF) and Department of Environment, Community and Local Government (DECLG)
  - Represents a major investment to deliver a sustainable Water Distribution System in Mullingar

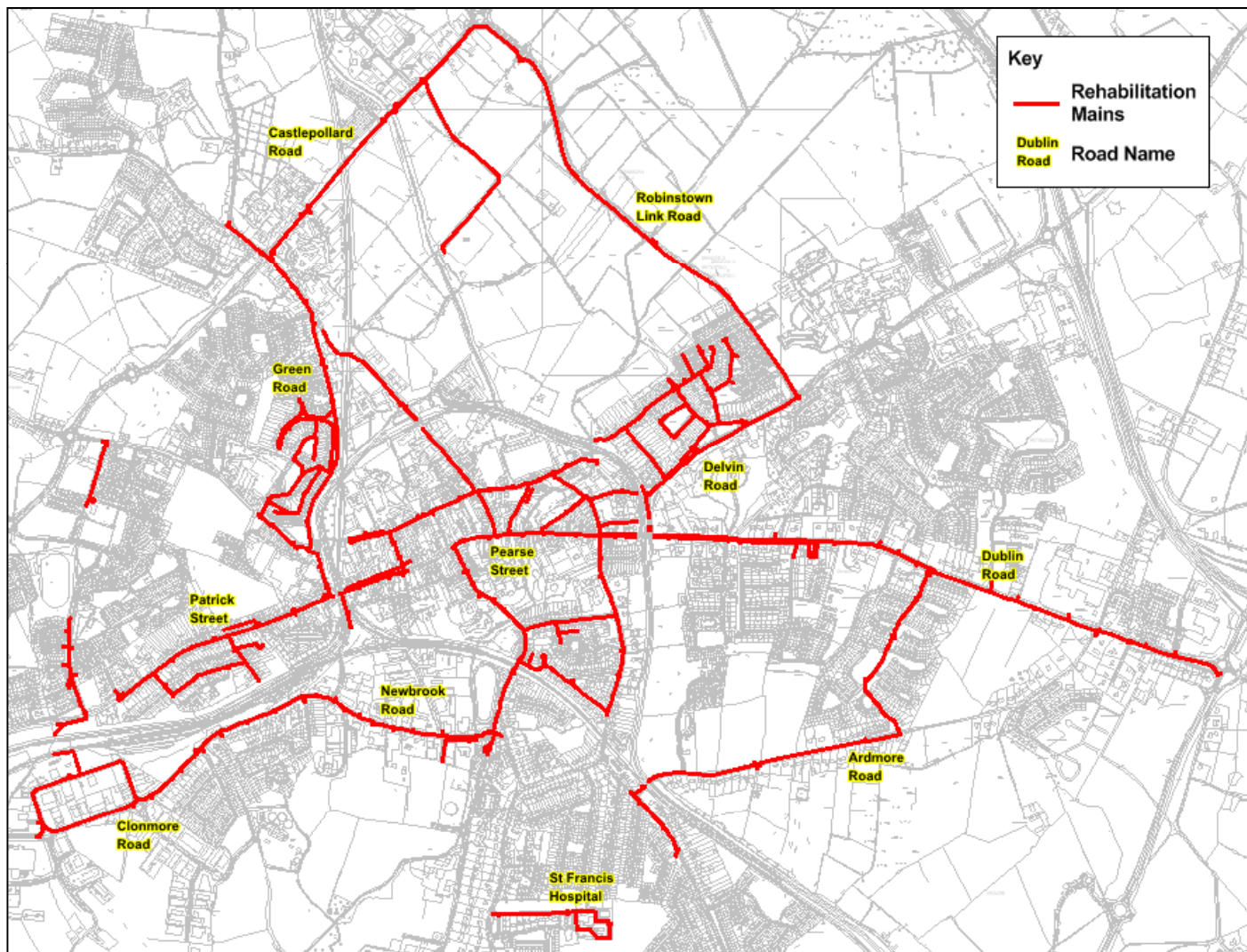


## Mains Rehabilitation Works – Mullingar Town

- Planning?
  - Westmeath County Council is conscious that works on streets will present particular challenges
  - Awareness of the need to minimise the impact of the construction works on traffic flows
  - Ensure that residents and businesses are not adversely affected more than is necessary by the works
  - Every effort made to avoid unplanned interruptions to supply
  - Ensure impact on other services such as transportation is minimised



## Works Locations – Mullingar Town



## Affected Streets/Roads – Mullingar Town

Works Section Name	Streets / Roads Affected
Town Centre	Harbour Street, Castle Street, Dominick Street, Pearse Street, Austin Friars Street, Mount Street, Lynn Road, Bishop's Gate Street, Collage Street, May Street, Friars Mill Road, Spout Well Lane, McCurtain Street, Ginnell Terrace, Canal Court, St Agnes's Cottages, Millmount Road, Auburn Road, Sunday's Well Road, Newlands.
Dublin Road	Dublin Road, Pettiswood, Ardmore Close, Ardmore Road.
St Francis Hospital	Ardmore Road, Ballinderry Road, St Francis Hospital, Lynn Road, Newbrook Road.
Patrick Street	Patrick Street, Woodlands Avenue, Parnell Terrace, Ennell Court, St Anthony's Cottages, Trinity Cottages.
Green Road	Grand Parade, Ashe Road, Cathedral View, O'Growney Drive, Green Road, Harbour Street, Longford Road.
Robinstown Link Road	Old Longford Road, Castlepollard Road, Martins Lane, Robinstown Link Road, Delvin Road, Springfield Cottages, Auburn Village, Cardinal Dalton Park



## Mains Rehabilitation Works – Mullingar Town

- Works Programme
  - Anticipated construction start date – April 2013
    - Estimated 9 month construction programme
    - Planned completion date of mid January 2014
    - Account taken for The Gathering Events taking place throughout the year e.g. Music Gathering Mullingar
  - Contractor will be supervised on site by Employers Representative's Site Agent
  - Liaison Officer to interface with public during construction stage
  - Works will be communicated to general public via local papers, radio and Westmeath County Council website



## Mains Rehabilitation Works – Mullingar Town Traffic Management

- Contract Document Requirements
  - Traffic Diversions – one way systems only when necessary
  - Access to be maintained to the essential services and business
  - Programming to avoid simultaneous works on the main arterial routes and the Town Centre
  - Avoid Town Centre works around Christmas period for Traders
- Pre-Construction
  - Works Contractor to provide a Traffic Management Plan to Westmeath County Council Area Office / Roads Department for approval, prior to commencing works





## Mains Rehabilitation Works – Mullingar Town Traffic Management

- Construction Phase
  - Alternative access arrangements will be facilitated where required through development of the construction phase Traffic Management Plan with Works Contractor
  - Disruption to be minimised by:
    - Effective planning
    - Use of appropriate warning signage
    - Avoidance of peak times in critical areas
    - Appropriate phasing of multiple work crews
    - Maximising use of shuttle systems and avoidance of road closures
    - Use of night work not envisaged due to affects on residents



## Mains Rehabilitation Works – Mullingar Town

### Summary

- Aged Distribution Network – Unsustainable
  - Significant ERDF Funding Secured
  - Rehabilitation of over 29km of watermains
  - Contract will deliver a 21<sup>st</sup> Century Potable Water Network for Mullingar
  - 9 Month Construction Programme
  - Effective Planning to mitigate impact on local residents and business
  - Access to be maintained to essential services during construction period
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- Questions