



**River Roe Flood Banks
Limavady**

Overview of Presentation

- Proposal Background
- Indicative Design
- Legal Context
- Current Programme (EIA/Article 6 and Design)
- Stakeholder Consultation

Proposal Background



Proposal Background




Proposal Background

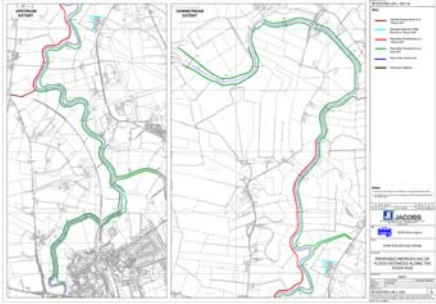



Proposal Background

- Previous investigations (2000 – 2002) to assess flood risk to land and property adjacent to River Roe.
- Update (2006) assessed viability of improving flood protection along lower reaches of River Roe. Used to develop business case and the preferred option.
- Outline design option for this Scheme is based on the outcome of the 2006 Economic Appraisal.
- Indicative design based on stability and maintainability.
- Environmental Scoping Study sent to Rivers Agency statutory consultees.

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Proposal Background



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Indicative Design

Embankment

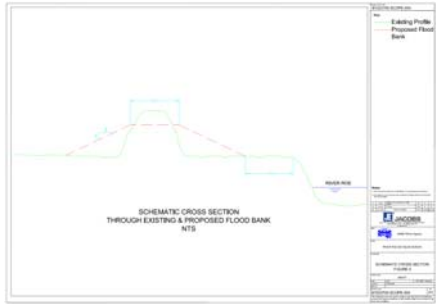
- Indicative embankment design using 4m wide crest. Suitable for access and to allow embankments to be mowed from crest.
- Alignment options (1:3 side slopes and 5m off-set from berm).
- Existing accesses to be upgraded for construction and retained for future maintenance.

Erosion Protection

- Bank erosion protection where required (Soft engineering solutions).

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Indicative Design



Legislative Context

- Planning (Application of Subordinate Legislation to the Crown) Order (NI) 2006
- Drainage (Environmental Impact Assessment) Regulations (NI) 2006
- Assessment and Management of Flood Risks 2007/60/EC
- The Water Environment (Water Framework Directive) Regulations (NI) 2003
- Conservation (Nature Habitats, etc) Regulations (Northern Ireland) 1995 (as amended) which implements Article 6(3) of the EU Habitats Directive (1992)

Programme – EIA and Article 6 Assessment

The following key environmental parameters are being examined through the EIA process:


- Ecology and Nature Conservation
- Water Quality and Resources
- Geomorphology
- Flood Risk
- Soils and Geology
- Air Quality
- Noise and Vibration
- Landscape and Visual Amenity
- Cultural Heritage
- Land Use
- Transport
- Socio-Economic

Programme – EIA and Article 6 Assessment

Under Article 6(3) and (4) of the EC Habitats Directive 92/43/EC an appropriate assessment needs to be undertaken in respect of any plan or project which:

- either alone or in combination with other plans or projects would be likely to have a significant effect on a European Site; and,
- is not directly connected with the management of the site for nature conservation.

Test of Likely Significance undertaken as part of the Environmental Scoping Study.

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Programme – EIA and Article 6 Assessment

Progress to date:

- Outline Design complete (July 2008)
- Environmental Scoping Study complete (issued February 2009)
- Invasive Species Survey complete (Sept 2008)
- Management and Treatment Plan complete (October 2008)


Future work:

- Environmental Statement
- Article 6 Assessment
- Ground Investigation
- Detailed Design
- Tender document issue

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Stakeholder Consultation

- Limavady Borough Council (June 2006)
- Ulster Farmers Union (Spring 2008)
- Issue of Environmental Scoping Report to Rivers Agency statutory consultees (February 2009)
- Consultation as part EIA process (Ongoing)
- Landowner Discussions (Ongoing)
- WFD Stakeholder Meeting (This evening)

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Any Questions?

Rivers Agency have developed a Strategic Flood Map for Northern Ireland. For more information please go to:

<http://www.riversagencyni.gov.uk/index/stategic-flood-maps.htm>
