

Grangemouth Flood Protection Scheme

Briefing Note

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PROJECT NUMBER:	665532 - Grangemouth Flood Protection Scheme				

1. Introduction

This briefing note has been developed to provide an update on the Grangemouth Flood Protection Scheme, prior to the public exhibition events on the 28th and 30th May. This briefing note is for circulation to Falkirk Council elected members, members of the project stakeholder groups and community councils only. A feedback report from the public exhibition events will be available on the scheme website in June 2019.

2. Scheme Background

The scheme is being promoted by Falkirk Council under the Flood Risk Management (Scotland) Act 2009 and is eligible for 80% grant funding from Scottish Government. The scheme has been ranked by SEPA and Scottish Government as the No. 1 priority scheme in Scotland and will provide flood protection to over 3,000 residential properties in Grangemouth and the surrounding areas, including the residential areas of Carron, Carronshore and Glensburgh, as well as national critical infrastructure.

3. Scheme Update

The option appraisal has been completed with an identified preferred scheme selected (over the coming months the option appraisal report will be made available on the scheme website). The proposed scheme comprises of up to 25km of flood walls or embankments that are intermittently located along the banks of the Rivers Carron and Avon, the Grange, Polmont and Westquarter Burns, and along a section of the Forth estuary frontage (from the mouth of the River Carron to Kinneil). The height of proposed flood defences ranges from 0.5m to 3m above existing ground level, with a rock armour revetment required along the estuary frontage.

Through consultation in 2018 and discussions with Falkirk Council a decision was taken to extend the flood model in Cell 4, upstream of the M9. This resulted in new flood flow pathways being identified and changed the baseline flood extents. From extending the flood model up the Westquarter and Polmont Burns, two options were identified; one with a flood storage area on the Westquarter Burn, the other with flood defences on the banks of the Westquarter and Polmont Burns. Both options require a flow control structure on the Grange Burn to limit flows

down the Grange Burn and to reduce the required extent of flood defences on the banks of the Grange Burn through Grangemouth. Both options utilise the existing flood relief channel, which diverts the majority of flood flows away from Grangemouth and into the River Avon. The project team have identified the flood defences option as the preferred option in Cell 4.

4. Outline Design

The Outline Design stage of the scheme has commenced and will:

- Provide more detail on the design / type of flood defences, identify construction zones and potential access points to the river banks where work is proposed to take place, provide more detail on the appearance of proposed flood defences, and assess what multiple benefits can be included in the scheme design
- Assess the environmental impact of the scheme through an Environmental Impact Assessment and Habitat Regulation Appraisal
- Begin discussions with the statutory consenting bodies, regarding the consents/licences required for the scheme works
- Refine the scheme cost estimate
- Develop a strategy for funding contributions

5. Stakeholder Engagement

The project team are continuing to engage with various stakeholder groups throughout the development process of the scheme. Recently the project team met with Scottish Government to provide them with an update on the scheme and outline some of the issues that will need to be addressed in the future. The project team have had regular meetings with representatives from the industrial areas of Grangemouth to discuss the scheme design. Various statutory consultees have also been engaged in preparation for submitting statutory consent (licence) applications.

6. Public Exhibition

The public exhibition will take place on:

- 28th May at Carron and Carronshore Bowling Club, Carron Drive, Carron, Falkirk FK2 8SN, between 11:00am – 7:30pm
- 30th May at Bowhouse Community Association Centre, Bowhouse Road, Grangemouth, FK3 0EU, between 11:00am – 7:30pm

On both days members of the project team will be on-hand to answer any questions.

The event will:

- Outline some background context to the scheme
- Display the current design of the scheme
- Outline the overall programme for delivering the scheme
- Give examples of the level of detail that will be provided at the scheme notification stage

Please take this as an open invitation to attend one of the events and discuss any issues you may have relating to the scheme.