
Report To:	Environment & Regeneration Committee	Date:	14 January 2016
Report By:	Corporate Director Environment, Regeneration and Resources	Report No:	ERC/ENV/IM/15.261
Contact Officer:	Robert Graham	Contact No:	01475 714800
Subject:	Flooding Update Report No. 6		

1.0 PURPOSE

- 1.1 The purpose of this report is to provide an update to Committee on the progress of the Greenock Flood Prevention Scheme.

2.0 SUMMARY

- 2.1 This report advises Committee in respect of the progress and financial status of the projects within the Greenock Flood Prevention Schemes.
- 2.2 Flooding Update No. 5 advised Committee that Officers were preparing the design and contracts for the following projects in the next phase of the Greenock Flood Prevention Schemes. They were: Cartsburn Street, Mearns Street, King's Glen, Rankin Park, Lady Alice Pond, West Station and Brougham Street.
- 2.3 The Cartsburn Flood Prevention Works (including Mearns Street and King's Glen) have been awarded to a value of £858,391.53 with part of the works now complete and the remainder being subject to Network Rail's approval of the design.
- 2.4 The Brougham Street Flood Protection tenders have been advertised on the Public Contract Scotland Website and tenders were received from 3 tenderers. The most economically advantageous tender was over the estimated budget. As a consequence of this engineering solution being over the estimated budget Officers are proposing to review and simplify the design of the works.
- 2.5 The design works for the West Station Flood Prevention Scheme is complete and it is anticipated that the value of these works will be £275,000 and as such this value would normally require Committee approval. It is recommended that the Head of Legal & Property Service be given delegated authority to accept the most economically advantageous tender for the West Station Flood Prevention Works.
- 2.6 The purchase of additional trash screens on the Holeburn (Rankin Park and Lady Alice Pond) is subject to the approval of this Committee for a single source purchase under separate report ERC/ENV/IM/15.258.
- 2.7 As a consequence of the delays due to physical and technical difficulties associated with some of these projects the Scottish Government grant funding has been carried forward into 2016/17.
- 2.8 Steps have been taken to ensure that all the projects are contained within the overall approved budget for the Greenock Flood Prevention Scheme.
- 2.9 The next design phase for works in Gotter Water, Quarriers Village; Bouverie Burn, Port Glasgow; Coves Burn, Gourrock and Glenmosston Burn, Kilmacolm has been awarded to Aecom and this work is ongoing. Officers are currently reviewing the scope of work and looking at all options in terms of flood prevention.

3.0 RECOMMENDATIONS

- 3.1 That the Committee notes the current progress on the Central Greenock Flood Protection Schemes.
- 3.2 That the Committee grants authority to the Head of Legal & Property Services to accept the most economically advantageous tenders for the West Station Flood Protection Works.
- 3.3 That Committee notes the status of the Central Greenock Flood Prevention Scheme as per Appendix 1.

Ian Moffat
Head of Environmental and Commercial Services

4.0 BACKGROUND

- 4.1 On September 4th 2014 this Committee approved a £2,200,000 spend for 2015/16 made up of £1,743,466 grant funding from the Scottish Government and the remaining £467,534 from the Greenock Flood Prevention Scheme.
- 4.2 The Cartsburn Flood Protection Works were awarded to MacKenzie Construction in June 2015 and the improvement works at the culvert entrance and additional culvert capacity works at Cartsburn Street are currently still in design discussions with Network Rail regarding the installation of the pipe under the railway bridge at Stanners Lane. A detailed design has been submitted and we are awaiting Network Rail's comments. The thrust boring method of installation of the pipe under Network Rail's bridge has been agreed in principle and the detail of the pipe installation is being negotiated.
- 4.3 As part of the Cartsburn Flood Protection Works the flow control device at Mearns Street has been installed and is complete.
- 4.4 As part of the Cartsburn Flood Protection Works the formalisation of the attenuation/storage at King's Glen is complete. However due to the unforeseen ground conditions encountered, special measures have had to be taken to deal with this including the importing of clean stone to backfill the area to the original ground levels. The increase in cost for these special measures will be contained within the overall Flooding Strategy Budget.
- 4.5 The Brougham Street Flood Protection tenders have been advertised on the Public Contract Scotland Website and tenders were received from 3 tenderers. The most economically advantageous tender was over the estimated budget. As a consequence of this Officers are proposing to review the engineering solution on Brougham Street.
- 4.6 The design of the West Station Flood Protection Works is 95% complete after extensive survey work was undertaken to determine the location and depth of the existing service utilities. The tender will be ready to publish in January 2016. As some of the work is on the trunk road Officers have secured match funding from Transport Scotland to the sum of £100,000 based on the budget cost. However due to design changes caused by the location of underground services Officers envisage that the revised tender total will be £275,000. Officers will review the tender returns and either reduce the scope of work or re-engage with Transport Scotland for additional funding depending on the tender return value.
- 4.7 The purchase of the automated trash screens on the Holeburn to a value of £150,000 is subject to committee approval of report ERC/ENV/IM/15.258 to single source purchase the screens from a supplier in Australia.
- 4.8 Due to the delays in some of the projects as stated in sections 4.2 to 4.7 it is now unrealistic that all the projects will be complete by 31st March 2015. Officers have already received confirmation from the Scottish Government stating that as the projects are already committed the grant funding can transfer into 2016/17.
- 4.9 The next flooding design phase is ongoing however the loss of key personnel within the consultants and the requirements for additional survey information has delayed the completion of the design until 2016. During the initial dialogue with the Consultant, Officers have taken a different approach to reduce flooding. Instead of replacing and upsizing the pipes on Steel Street, Gourrock and Market Place, Gourrock they are investigating and designing flood attenuation upstream on the Coves Reservoir and Glenmoss respectively.

5.0 FINANCIAL IMPLICATIONS

Finance

- 5.1 Expenditure to date is £612,700 (32% of the total budget).
- 5.2 The current budget is £2,200,000. The current projection including Brougham Street would give a total of £2,566,000 which is £356,000 over the budget. Officers are therefore currently looking at a more economical design for Brougham Street.
- 5.3 One off Costs

Cost Centre	Budget Heading	Budget Years	Proposed Spend this Report £000	Virement From	Other Comments
Flooding Strategy	Capital Grant	2015/16	(1,743)		Central Greenock Flooding Scheme part funded by the Scottish Government
	Central Greenock Flood Prevention Scheme	2013/16	2,200		
	Free Reserves	2013/17	776		Remainder of approved flooding monies not yet allocated
		2015/18	950		Extra funding requested from reserves as part of the budget

Annually Recurring Costs/ (Savings)

Cost Centre	Budget Heading	With Effect from	Annual Net Impact £000	Virement From (If Applicable)	Other Comments
N/A					

6.0 CONSULTATION

6.1 Legal

The Head of Legal and Property Services has been consulted on this report.

6.2 Human Resources

There are no direct staffing implications in respect of the report and as such the Head of Organisational Development, HR and Communications has not been consulted.

6.3 Equalities

There are no equalities implications in this report.

6.4 Repopulation

The delivery of the projects identified in this report will assist in making Inverclyde a more attractive place to live and hence contribute to the Council's repopulation agenda.

7.0 LIST OF BACKGROUND PAPERS

7.1 None.

Appendix 1

Location / Description	Status
Crescent Street, Greenock Trash Screen	Complete
Kings Glen, Greenock Attenuation	Complete
Aberfoyle Road, Greenock Bypass pipe	Complete
Rankin Park, Greenock Trash Screen	Awaiting Committee approval
Crescent Street, Greenock Additional Culvert	Awaiting Network Rail agreement
Mearns Street, Greenock flow control	Complete
Lady Alice Pond, Trash Screen	Awaiting Committee approval
West Station, Newton Street Greenock	Design 95 % Complete
Brougham Street	Design being reviewed
Drumfrochar Road Culvert	Complete
Minor Flood Protection Emergency Works	Ongoing