

**Technical Services
Major Projects**

TT7202

**Selkirk FPS
(Flood Protection
Scheme)**

**Formal review of feedback
from Public Exhibition No. 2
held on
23rd and 24th May 2011**

1st July 2011

Issue No : 02

REVIEW AND APPROVAL

Originators:

Steven Vint (Design Manager)

Approval:

Conor Price (Project Manager)

Signature:

Reviewers:

Conor Price (Project Manager)

Signature:

Revision History

Version	Date	Summary of Changes	Author
01	24-06-2011	First draft	Steven Vint
02	27-06-2011	Comments by SBC on HGL draft	Conor Price
03	30-06-2011	Final draft	Steven Vint

Purpose:

The purpose of this document is to provide a complete review of the feedback received through various media formats at the Selkirk Flood Protection Scheme (FPS) Public Exhibition No. 2 which was held in May 2011. Specifically, this report intends to:

- Catalogue the details of the questionnaire responses from the public
- Catalogue responses received via the Selkirk FPS website and responses
- Discuss the potential impacts (risk and opportunity) of all comments received
- Recommend the way forward for dealing with the comments through either their dismissal (and reasons for doing so), or taking cognisance of and defining possible viable solutions which may arise from the comments

Background

The Project Team (Scottish Borders Council and Halcrow Group Limited) agreed to take forward the second Public Exhibition to identify the preferred flood protection measures which comprise the Flood Protection Scheme for Selkirk. The purpose of the Exhibition was therefore:

- To refresh the memories of why we are taking a Scheme forward for Selkirk through a review of historical flooding events
- To show the current level of flood risk within the town from each of the watercourses
- To show the current status of the outline design work that has been developed for the preferred flood protection measures for St Mary's Loch, Yarrow Water, Ettrick Water, Long Philip Burn and Shaw Burn
- To gauge and record public reaction on the preferred Scheme proposals using questionnaires and the website.
- To demonstrate how the Project Team have taken these comments, thoughts and ideas into account within the Outline Design Process¹

The Public Exhibition No. 2 was held in Philiphaugh Community School, Selkirk on Monday 23rd and Tuesday 24th May 2011. The exhibition consisted of the following visual aids:

- 18 No., A0 to A1 sized, professionally printed and mounted boards. These depicted historical flooding photographs, flood risk maps, maps of the catchment and drawings, sketches, photomontages and artists impressions of the various flood protection proposals
- A fly through artist's impression of the Long Philip Burn Restoration projected on to a large screen

¹ The Outline Design Process comprises the Consultant (Halcrow Group Limited) developing sufficient detail for the flood protection proposals to permit the proposals to be reviewed and approved through the statutory approvals processes. Such detail includes the alignment, height and appearance of flood defences, together with identification of specific ancillary works such as service diversions, etc.

Those members of the public who attended the Exhibition were encouraged to fill in questionnaires which had been purposely designed for this event. A copy of the blank questionnaire is included in Appendix A of this document.

Due to the detailed nature of the proposals presented at Public Exhibition No. 2, providing a formal public presentation would not have been feasible. The Project Team staff in attendance during the exhibition, which was open from 0930 until 2100 hrs each day, were able to spend greater periods of time to discuss the proposals in depth with the attendees.

Questionnaires

In order to provide for a consistent method of gauging public reaction, the Project Team developed a simple questionnaire. In order to maximise the percentage of questionnaires returned, the document was designed to be easy to understand, quick to fill in and anonymous. A copy of the blank questionnaire is included in Appendix A of this document.

Of the 261 people who registered their attendance at the exhibition, 54 questionnaires were filled in and returned, representing a 21% success rate. This compares to 119 attendees and 34 questionnaire responses at Public Exhibition No. 1 in June 2010.

Table 1 provides a summary of the responses contained within those questionnaires and shows how the Project Team have actioned those responses to date. Note that spelling and grammatical corrections have been made to the original entries to ensure clarity of comments received and accuracy of the Project Team responses.

Ref	Area	Q2. Do you believe the preferred FPS is the best way to protect Selkirk from flooding?	Q3. Do you believe the Project Team have taken on board comments from previous consultation ?	Q4. Do you believe a flood gate at Bridge St footbridge is a better design solution than a ramp?	Q5. Do you approve of the way the Project Team have tried to blend the proposals into the existing landscape?	Q6. Are you concerned with any aspect of the proposed flood protection works?	Q7. Are you in favour of the proposed conveyance improvements to the Long Philip Burn?	Q8. Do you agree that the Long Philip Burn conveyance improvements should try to achieve River Restoration benefits?	Q9. Preferred secondary benefit from implementing the Scheme (see bottom of this table for choices)	Additional Comments	Project Team's response on comments
001	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	Improved road safety around the Angles field		
002	Selkirk Town	YES	YES	YES	YES	YES – access for common riding would safer using a ramp rather than the gates as shown on the plan	YES	YES	New crossing of the Long Philip Burn		In response to this and several other comments and discussions on this subject, the proposal for Common Riding Access has been changed to a flood gate which is provided within the wall and is perpendicular to the path the horses and riders take, rather than parallel. Refer to Sketch 1 in Appendix B of the report
003	Bannerfield Area	YES	YES	YES	YES	YES	YES	YES	Improved road safety around the Angles field		
004	Broadmeadows	UNANSWERED	UNANSWERED	UNANSWERED	UNANSWERED	UNANSWERED	UNANSWERED	UNANSWERED	UNANSWERED	<p>Pleased to see proposals to ameliorate flood problems in Selkirk are being progressed – congratulations. One of the principal flood risks in Selkirk comes from the Long Philip Burn. The hills where this rises are also the source for a number of burns which flow past Yarrowford and Broadmeadows. Heavy rain which causes the Long Philip Burn to surge creates the same effects on the burns which flow past Yarrowford and Broadmeadows. Hence, the major floods in Selkirk (e.g. 2003) were mirrored in major catastrophes in Yarrowford. I appreciate that Yarrowford is outwith the Selkirk flood prevention scheme, but action is needed as much at Yarrowford as at Selkirk. Options have been discussed but disappointingly nothing substantive has yet been done on the ground. Can SBC give a firm date as to when action will be implemented at Broadmeadows/Yarrowford to provide these communities with the same relief as is now being offered to Selkirk?</p>	<p>SBC undertook a study in early 2011 to determine the possible options for reducing the flood risk presented by the watercourses which flow through Broadmeadows and are culverted under properties and the A708 to discharge into the Yarrow Water. This study revealed that it is possible to create a high flow diversion route across to the Old Broadmeadows Burn via an existing channel.</p> <p>Progressing this project involved substantial discussions with SEPA and the obtaining of a CAR License. This license is now in place.</p> <p>The project's detailed design is complete and a contractor has been selected to undertake the works. At this point the Council are undertaking negotiations with the Landowners to gain access to the land.</p> <p>Construction of this work is expected to commence in August 2011.</p> <p>Additionally, as part of the Selkirk FPS, a range of Natural flood Management measures are being considered for the Long Philip Burn. Such measures could be similarly adopted on the various Broadmeadows watercourses catchments.</p>
005	Philippaugh Area	YES	YES	YES	YES	YES	YES	YES	Habitat Creation		

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006	Ashkirk Area	YES	YES	YES	YES	YES – St Mary's Loch	YES	YES	UNANSWERED	I don't believe that the St Marys Loch option ought to be included. As a recreational user I believe it is wrong to tamper with this natural asset we have in the Borders.	The proposals for St Mary's Loch have been designed to have as little impact on the loch levels and associated habitats and leisure pursuits as possible. The main changes in levels will happen during very wet or very dry conditions (expected to be less than 1% of the time during any given year) and therefore the impacts on the environmental and leisure aspects of the loch are expected to be relatively insignificant.
007	Selkirk Town	YES	YES	YES	YES	UNANSWERED - Please ensure future development opportunities are maximised and that community involvement is ensured. Environmental/tourism opportunities should also be built into future phasing to ensure all means of getting grant funding can be achieved	YES	YES	Other – Business and Tourist opportunity	Please endeavour to ensure that private developers (e.g. Baxters area) work to achieve the same objectives as your proposals to avoid duplication/conflict. As a member of the local Community Council and Regeneration Company I congratulate the project team in their work and presentation. The opportunities created through this 'vision' will improve Selkirk environmentally and physically and provide much needed reassurance to the community that flood prevention is in place.	We have recently committed to work with the private developers at Baxters to ensure that the objectives for the Selkirk FPS and flood protection for the private development are achieved harmoniously.
008	Yarrow Valley	UNANSWERED	UNANSWERED	UNANSWERED	YES	NO	YES	YES	New crossing of the Long Philip Burn		
009	Riverside / Selkirk Town	YES	UNANSWERED	UNANSWERED	YES	YES	YES	YES	New access pathways	1. Concern about restricted areas to our factory during construction phase at riverside (leading to sewage works). We have articulated trucks moving in/out between 8am-5pm. Traffic management issues. 2. Suggested alternative access is a narrow non-adopted road which is in a poor state of repair and not especially suitable. I am in favour of the project and appreciate the benefits, but need to know the timescales where access will be restricted.	If the alternative access route is currently deemed to be unsuitable for large articulated vehicles to use because of the state of the road surface, then it is likely that the road will be resurfaced as part of the Scheme's advance works. Some traffic management (e.g. parking restrictions along the alternative access) may require to be implemented, but all of this will be preferable to trying to accommodate the flood protection works in tandem with maintaining access for HGVs along the existing single track access road)
010	Bannerfield Area	YES	YES	YES	YES	YES	YES	YES	Improved road safety around the Angles field		
011	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	New crossing of the Long Philip		

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									Burn		
012	Philiphaugh Area	YES	YES	YES	YES	NO	YES	YES	UNANSWERED		
013	Philiphaugh Area	YES	YES	UNANSWERED	YES	NO	YES	YES	Wildlife Improvements		
014	Galashiels Area	YES	YES	YES	YES	YES - St Marys Loch Sailing House flood risks and launching fun boats. Insurance for sailing club and boats.	YES	YES	Various categories ticked – no preference indicated	Insurance risks for boats tied down at sailing club. Insurance risks for sailing club buildings.	The SML Sailing Club boathouse will be at greater risk of flooding for any given flood event. Discussion with the SML Sailing Club regarding this and other issues raised during the Outline Design Process will take place once the feasibility study for the St Mary's Loch Flood Storage Option has been ratified.
015	Not stated	YES	YES	YES	YES	NO	YES	YES	New Access Pathways		
016	Selkirk Town	YES	YES	NO	YES	NO	YES	YES	Improved Access Pathways		
017	Bannerfield Area	YES	YES	YES	YES	YES	YES	YES	A Wildlife Garden		
018	Yarrow Valley	YES	YES	YES	YES	NO	YES	YES	All categories ticked – no preference indicated		
019	Yarrow Valley	YES	YES	YES	YES	YES - Timescale - could be critical if further severe weather as in 2009.	YES	YES	New crossing of the Long Philip Burn		The Selkirk FPS is likely to be the first Scheme taken forward under the new legislation. Whilst the whole process appears to be very time consuming, the period between conception and construction for Selkirk is likely to be half that for comparable Schemes taken forward under the old legislation (assuming all approvals and funding processes run smoothly).
020	Philiphaugh Area	YES	YES	YES	YES	NO	YES	YES	Improved Access Pathways		
021	Bannerfield Area	UNANSWERED	NO	NO	YES	UNANSWERED	YES	Cost??	New Park Area	Would like to see gravel in river bed "moved" which could form banks. At the moment, gravel builds up in either middle,	Whilst removal of gravel will have some short term benefit on a very local scale, the problem is that the gravel will return to the same

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										or one side of river.	location. The Selkirk FPS is designed to be a practical, sustainable, environmentally acceptable flood protection scheme – gravel removal does not fit well with these objectives, although we will continue to consider the removal of gravel at key locations as part of SBC's ongoing programme of flood / erosion protection works across the Borders (outwith the Scheme)
022	Philiphough Area	YES	YES	YES	YES	NO	YES	YES	Improved Access Pathways		
023	Selkirk Town	YES	UNANSWERED	YES	YES	NO	YES	YES	New Park Area		
024	Ettrick Valley	UNANSWERED	YES	YES	YES	NO	YES	YES	Improved road safety around the Angles field		
025	Riverside Area	YES	YES	YES	YES	YES - Impact on common riding cavalcade (300 horses) channelled through narrow access.	YES	YES	Improved road safety around the Angles field		Please see response to questionnaire no. 002
026	Bannerfield Area	UNANSWERED	UNANSWERED	YES	YES	NO	YES	YES	Improved road safety around the Angles field		
027	Selkirk Town	YES	YES	YES	YES	YES	YES	YES	Improved road safety around the Angles field	Providing Murrays Cauld is repaired and maintained everything else seems in order. Found exhibition very interesting and everyone very informative.	Any proposed works by private developers at Murray's Cauld are being taken forward outwith the FPS. All the FPS works are designed to accommodate whatever may happen with Murray's Cauld.
028	Ettrick Valley	UNANSWERED	YES	YES	UNANSWERED	YES - Slight worry that the work getting done upstream could cause more problems downstream for example at Lindean	YES	UNANSWERED	See additional comments	Would like to see all secondary benefits completed. As long as the flood scheme is complete from St Marys Loch to Lindean to everybody's satisfaction. Funding for this should be first and foremost. Would it be possible to remove gravel from the riverbed. From my experience (lifetime) there seems to be far more gravel being brought down during every high water.	Many of the secondary benefits will be realised either directly or indirectly as a result of implementation of the FPS proposals as they stand. Implementation of the proposals at St Mary's Loch will more than offset the downstream flood risk increase as a result of the FPS works at Philiphough, Riverside and Bannerfield. Please see response to questionnaire no.021 for information on gravel removal.
029	Lindean Area	YES	YES	UNANSWERED	YES	NO	YES	YES		Remove gravel from river bed which has built up over years.	Please see response to questionnaire no.021 for information on gravel removal.

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030	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	Various categories ticked – no preference indicated		
031	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	Various categories ticked – no preference indicated		
032	Ettrick Valley	YES	YES	UNANSWERED	YES	UNANSWERED	YES	YES	Various categories ticked – no preference indicated	Consideration of clubhouse protection or durability for high flood event at St Marys Loch. Remembering the septic tank arrangements.	Discussion with the SML Sailing Club regarding the increased flood risk and other issues raised during the Outline Design Process will take place once the feasibility study for St Mary's Loch Flood Storage Option has been ratified.
033	Galashiels Area	YES	YES	YES	YES	YES - Just the finer points around St Marys Loch sailing club. To ensure launching safe at lowest level of water and to ensure either the clubhouse is either protected with defences or the structure flood proofed and that we have adequate information about likely depth and reach of the water in area where boats are on shore April-Oct	UNANSWERED	UNANSWERED	Improved road safety around the Angles field	The consultation exhibition has been clearly presented. Good to get opportunity to view and comment. Website useful too. Look forwards to spending more time reading and digesting information. Aware that as users of sailing club we are lower priority than the people whose houses get flooded in Bannerfield.	Thank you for your appreciation of the wider benefits that will be felt by the Yarrow Valley and beyond as a result of implementing the St Mary's Loch flood storage proposal. Once the proposed flood storage works have been ratified for taking forward under the FPS by all stakeholders, the Project Team will discuss the finer details of mitigating the increased flood risk with the SML Sailing Club. These mitigating measures could include formal protection (through a bund) or increased flood resilience to the fabric of the clubhouse.
034	Bannerfield Area	YES	YES	YES	YES	YES	YES	YES	Improved road safety around the Angles field		
035	Lindean Area	YES	YES	UNANSWERED	YES	YES - We are concerned that protecting Selkirk will force further flooding at Lindean	YES	YES	Improved Access Pathways	What are the chances of tanking the six properties at Lindean Mill to prevent any further flood damage?	Implementation of the proposals at St Mary's Loch will more than offset the downstream flood risk increase as a result of the FPS works at Philiphaugh, Riverside and Bannerfield. With regard to providing greater resilience to flooding for the Lindean Mill properties, then such measures could well be considered by the Project Team as part of the FPS. The Project Team will be in touch with all the Lindean Community shortly to discuss the proposals.
036	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	UNANSWERED		

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037	Selkirk Town	YES	Unsure as wasn't at mtg	NO	YES	YES - Seems to concentrate on getting water to flow past Selkirk - potential flooding further down Ettrick and Tweed. Have schemes like SML storage been considered?	YES	YES	New crossing of the Long Philip Burn	Consideration given to often flat, existing flood plains upstream of Selkirk where peak flows could be stored and released gradually.	Many of the Scheme proposals are designed to work with natural river processes and to set back our flood defences as far back from the river's edge as possible (e.g. Philiphaugh bunds). The provision of the flood storage at St. Mary's Loch will more than offset any flood risk increased resulting from construction of the Ettrick defences. With regard to the existing flat flood plains upstream of Selkirk, this is a very good point. The Project Team will consider this as part of our strategy to deliver wider flood risk reduction benefits across the Ettrick and Yarrow valleys through Natural Flood Management. Reconnection of the river to its flood plain (through modification to the ad-hoc levees constructed at the top of the river banks) could be part of this strategy.
038	Lindean Area	YES	YES	YES	YES	YES - I would like to see more at Lindean. Although I accept that as so few of us are directly affected we don't have a 'strong' voice.	YES	YES	Habitat Creation	Just thanks to everyone concerned for their commitment to the project and continuing helpful, friendly attitude.	Whilst Lindean may represent a small proportion of those exposed to flood risk from the Ettrick Water within the overall Scheme, Lindean has certainly not been forgotten in the proposals. We are restricted by the low level of damages accrued by the flooding at Lindean, but the proposals include; the opening up of the secondary channel, the construction of a bund at Lindean Smithy, the disconnection of the flood risk from the Old Selkirk Town Lade and the consideration of implementing flood resilience works at the Mill Area buildings.
039	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	Improved Access Pathways	Remember to put in dog bins so that the area is not covered in dog dirt. Everything looks good we don't want it to be spoiled.	SBC have recently implemented a programme to encourage owners to clean up after their dogs and this comment has been passed to the relevant department within SBC.
040	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	Improved road safety around the Angles field	When closing off the road will the bench be moved into the Δ area where pond etc will be. Also will you be putting in dog bins in that area?	The general improvement of the public amenity space along the restored Long Philip Burn will include the provision of benches. See response to questionnaire no. 040 for information on dog bins.

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041	Philiphaugh Area	YES	YES	YES	YES	YES - The bend in the Ettrick at Howden Burn outlet is quickly being eroded by floodwater. My concern is that the river could conceivably come across the field behind what is left of the bund and fish farm and flood Walker's haugh, the mill lade and Ettrickhaugh Road.	YES	YES	Improved road safety around the Angles field		The flood protection works to the Philiphaugh area are set back at least 100m from the river bank. We recognise that the bed and banks of the Ettrick Water are undergoing some changes at the Howden Burn confluence – these changes are the river's natural response to moving gravel from upstream to downstream and our flood defence proposals are designed to take these natural fluctuations in the channel into account. The Philiphaugh bund is designed to provide continuous flood protection from the A708 near the Waterwheel Café to the A707 Selkirk Bridge.
042	Ashkirk Area	UNANSWERED	UNANSWERED	YES	YES	NO	YES	YES	Improved road safety around the Angles field		
043	Bannerfield Area	YES	YES	YES	YES	YES	YES	YES	All categories ticked – no preference indicated	If this goes ahead I would prefer no dogs allowed. If so they should have dog litter bins in place and also on leads.	Please see response to questionnaire no. 040 for information on dog bins. The FPS cannot be used as a means to exclude dogs from certain parts of Selkirk.
044	Lindean Area	YES	YES	YES	YES	UNANSWERED - If it can be done with as little disturbance to trees etc., so much the better.	UNANSWERED	YES	Various categories ticked – no preference indicated		The preferred alignment of the flood protection works has been chosen to avoid as many mature trees as possible – where it is unavoidable to fell trees, the Project Team will implement a minimum replanting ratio of two planted for every one felled.
045	Yarrow Valley	UNANSWERED	UNANSWERED	UNANSWERED	YES	UNANSWERED	YES	YES	Habitat Creation	Catchment wide measures for natural flood attenuation. I am particularly interested in one particular area. In view of the cost of the study it is disappointing that you are still not willing to be definitive about specific flood risk.	A strategy for Natural Flood Management for the entire Ettrick and Yarrow catchment is being developed by the Project Team. The exhibition displayed maps showing the most up to date flood risk maps for each watercourse (Ettrick, Long Philip Burn, and Shaw Burn) and specific information regarding flood risk to individual properties can be abstracted from the work carried out to date. Such information is not suitable for public display, but can be made available to individuals on request.

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046	Bannerfield Area	YES	UNANSWERED	YES	YES	YES - Water course is still too close to Philiphaugh Cottages	YES	YES	Improved road safety around the Angles field	A lockable gate on the Bannerfield/Bridge Street side - to be locked when corresponding flood gate on Selkirk side is used.	<p>The route of the Long Philip Burn has been specifically designed to suit the flow rates we can expect (from very dry conditions to flood conditions) As such, the proposed bend in the burn is limited at the Philiphaugh Farm Cottages by the presence of the warehouses and storage facilities on the right hand bank. The Philiphaugh Farm Cottages will benefit from an increased area between the properties and the watercourse.</p> <p>The lockable gate on the Bannerfield side of the footbridge is an excellent suggestion and will be incorporated into the Scheme. The gate will be necessary from a health and safety perspective to ensure no-one tries to cross the bridge to be faced with a locked flood gate on the riverside bank.</p>
047	Not stated	YES	YES	YES	YES	YES	YES	YES	Habitat Creation		
048	Edinburgh / St. Mary's Loch	YES	YES	UNANSWERED	UNANSWERED	NO	UNANSWERED	UNANSWERED	UNANSWERED	Most of the above not relevant to St Marys Loch SC. Our concerns have been listened to and taken into account. We look forward to continued dialogue.	Once the proposed flood storage works have been ratified for taking forward under the FPS by all stakeholders, the Project Team will discuss the finer details of mitigating the increased flood risk with the SML Sailing Club. These mitigating measures could include formal protection (through a bund) or increased flood resilience to the fabric of the clubhouse.
049	Yarrow Valley	NO	UNANSWERED	YES	YES	NO	YES	YES	Habitat Creation	Footpath bridge over Long Philip Burn could be sited to make easy connection to path to waterwheel café and salmon viewing (though bit of path needed along A708 opposite Corbie Linn Road). Q4. Flood gate ok so long as no unacceptable negative knock-on effects. Very pleased to see natural flood management work on upper Long Philip Burn. Poor upland use a major problem in UK.	<p>A link between the Waterwheel Café and the bottom of Corby Linn Road has already been partially achieved. Completing the link would certainly be a possibility within the Scheme to augment the restoration works and public access improvement in the Angles field.</p> <p>The flood gate will be limited to the width of the bridge and will be erected in times of flood by specific individuals (with many backup personnel on stand by in the case of the first point of contact being unavailable) with specific instructions. Practice drills on the erection of flood gates will be held annually.</p>

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050	Bannerfield Area	YES	YES	YES	YES	NO	YES	YES	New crossing of the Long Philip Burn	Levelling of playing fields in front of Philip view would help to improve football area. Maybe even they could use one of the play areas as a dual purpose field such as basketball or something like that.	The Project Team have been advised of a n existing drainage issue with the playing fields and the reinstatement of the fields after construction could take into account this comment. With regard to the provision of other forms of recreation within this area, this comment has been passed on to the relevant SBC department for separate consideration.
051	Bannerfield Area	YES	YES	YES	YES	YES - Flood mound being practically at front door. Should be along top of banking. Cutting off access to the front of Philip View.	YES	YES	Improved Access Pathways		The line and levels of the Bannerfield flood bund are flexible and your comment relating to access will be taken into account in our final designs – this may mean the provision of a wall instead of embankment at this location.
052	Lindean Area	YES	YES	YES	YES	NO	YES	YES	Wildlife Improvements		
053	Bannerfield Area	YES	YES	YES	YES	YES	YES	YES	All categories ticked		
054	Long Philip Burn Area	YES	YES	YES	YES	YES	YES	YES		<p>Comments on work suggested to Corby Linn Road</p> <ol style="list-style-type: none"> The proposed scheme shows that the Linn road will need to be raised by circa 1m below the Ravensheugh gate in order to be high enough to divert water from an 80-year flood risk back into the field. As the road slopes down from Ravensheugh gate, the height of the raising as coming in from the A708 will need to be more than 1m The prospect of the various types and many numbers of vehicles which currently use this road having to cope with this raising, day in and day out, is not attractive. It would be better to camber the road from the Ravensheugh gate for the next c.50m slightly towards the field, and to remove the bankings on that side of the road. This should be enough to ensure that the overflow goes naturally back into the field. The trees and banking immediately outside the Ravensheugh gate can also be cut back. It does not matter if some of the excess water flows back down the Ravensheugh drive – it will only then flow into the field. However, the banking around the new pond will need to be reduced to allow for this. In fact, it would be better if this pond were removed, and the area involved allowed to revert to a rushy / boggy patch, which would encourage more wildlife than currently around the pond. Also, the benefit hoped for from this pond is also limited as it dries out each summer. You will note that the area immediately above the pond has already formed a rushy area. 	<p>The Project Team accepts that the provision of a large “speed bump” on Corby Linn Road may have issues with road users negotiating it on a regular basis.</p> <p>We agree with your suggestion to alter the camber of the road and remove the bankings between the road and the burn to permit a more natural method for channelling the excess flow back into the burn. However, this may be affected by the very high levels of debris that the excess flow will be carrying. Therefore, as a fail safe measure to prevent water reaching the A708, some raising of the road will still be required, but perhaps not to the same height as originally presented at the Public Exhibition.</p> <p>The raising of the road will be carried out using gently sloping ramps on either side and visibility lines will be maintained.</p> <p>We note your suggestions for the pond and have referred these to our environmental team for consideration within the outline design</p> <p>The outline design for the Long Philip Burn</p>

Ref	Area	Q2. Do you believe the preferred FPS is the best way to protect Selkirk from flooding?	Q3. Do you believe the Project Team have taken on board comments from previous consultation ?	Q4. Do you believe a flood gate at Bridge St footbridge is a better design solution than a ramp?	Q5. Do you approve of the way the Project Team have tried to blend the proposals into the existing landscape?	Q6. Are you concerned with any aspect of the proposed flood protection works?	Q7. Are you in favour of the proposed conveyance improvements to the Long Philip Burn?	Q8. Do you agree that the Long Philip Burn conveyance improvements should try to achieve River Restoration benefits?	Q9. Preferred secondary benefit from implementing the Scheme (see bottom of this table for choices)	Additional Comments	Project Team's response on comments
										<p>7. This process would be further improved by reducing all the recently created, stone-based banks on either side of the burn back to the level of the field. This is how it used to be before the floods of 2000 and 2003. This area could then form a more natural holding area for excess water.</p> <p>8. There would be no need to remove the flood dams and new excess flow watercourse built recently – merely to reduce the height of the banks of all these works down to the level of the field.</p> <p>9. In summary, reducing all these bankings would improve the ability of this area to hold excess flood water temporarily, and would create an improved area for small wildlife.</p>	<p>restoration maintains the presence of the existing sedimentation ponds.</p>

Table 1 – Summary of Questionnaire responses and project team assessment of responses

Notes

Q9 – Secondary benefits – options given to those filling in the questionnaire were

- 1) New access pathways
- 2) Improved access pathways
- 3) New crossings of the Long Philip Burn
- 4) Wildlife Improvements
- 5) Habitat Creation
- 6) New Park Area
- 7) A Wildlife Garden
- 8) Improved Road Safety around the Angles Field
- 9) Others

The instruction was to rank these in order of priority from 1 to 8 – an analysis of the lowest mean score for each category would show which option was the most popular.

The analysis yielded the following result

Secondary benefit option	1	2	3	4	5	6	7	8
Average score	4.49	3.44	3.53	4.79	4.23	5.00	5.72	2.97
Overall popularity rank	5	2	3	6	4	7	8	1

The result shows that improving the road safety around the Angles Field is the most popular secondary benefit of the Scheme, although many of the other secondary benefits will be included in the Scheme, either directly or indirectly

APPENDIX A: Blank Questionnaire

A Public Exhibition to present the Outline Design of The Preferred Flood Protection Scheme for Selkirk

QUESTIONNAIRE - PAGE 1

1. Please provide your postcode:

2. Do you believe the Preferred Flood Protection Scheme for Selkirk is the best way to protect Selkirk from flooding? YES / NO

3. Do you think the Project Team have taken on board the issues raised by the public during previous consultations (including the Public Exhibition held in June 2010)? YES / NO

4. Do you agree that putting a Flood Gate at the Bridge Street (Bannerfield) Footbridge is a better design solution than providing an Access Ramp and Steps? YES / NO

5. Do you approve of the way the Project Team have tried to blend the new flood defences into the existing landscape? i.e. The use of both Flood Walls and Flood Embankments along the Riverside Cell? YES / NO

6. Are you concerned with any aspect of the proposed flood protection works? If so, could you please provide some detail of your concerns YES / NO

7. Are you in favour of the proposed conveyance improvements to the Long Philip Burn? This includes the removal of the A708 Road Bridge and the replacement of the A707 Road Bridge. YES / NO

8. In providing the conveyance improvements on the Long Philip Burn the Scheme can also achieve 'River Restoration'. In this area do you agree that the Project Team should try to achieve these secondary benefits such as a new park, new walkways, a wildlife garden, an improved river habitat etc? YES / NO

9. In relation to the whole Scheme and all its Cells, what possible secondary benefits would you most like the Scheme to achieve?

- | | | |
|--|--|--|
| New Access Pathways | <input style="width: 80%; height: 15px;" type="text"/> | |
| Improved Access Pathways | <input style="width: 80%; height: 15px;" type="text"/> | |
| New crossings of the Long Philip Burn | <input style="width: 80%; height: 15px;" type="text"/> | |
| Wildlife Improvements | <input style="width: 80%; height: 15px;" type="text"/> | |
| Habitat Creation | <input style="width: 80%; height: 15px;" type="text"/> | |
| New Park Area | <input style="width: 80%; height: 15px;" type="text"/> | |
| A Wildlife Garden | <input style="width: 80%; height: 15px;" type="text"/> | |
| Improved Road Safety around the 'Angles Field' | <input style="width: 80%; height: 15px;" type="text"/> | |
| Other (Please state) | <input style="width: 80%; height: 15px;" type="text"/> | |

Please rank these possible benefits in order of your priority

10. Do you have any other issues that you would like to raise ----- on any matter relating to the Selkirk Flood Protection Scheme ----- so that the Project Team can take them into consideration before the design is completed? YES / NO

PLEASE INSERT THE COMPLETED QUESTIONNAIRE IN THE BOX AT THE EXHIBITION

Alternatively, please post the completed questionnaire to: Director of Technical Services, Council Headquarters, Newtown St. Boswells, Melrose, TD6 0SA

Completed questionnaires are to be returned **by 10th June 2011**

Thank you for your interest in the Selkirk Flood Protection Scheme and in completing this questionnaire. We will consider all suggestions during our ongoing Outline Design before the design is finalised and included in the Selkirk FPS submitted to the Statutory Approvals Process in September 2011

Alternative Formats:

You can get this document on tape, in large print, and various other formats by contacting us at the address below. In addition, contact the address below for information on language translations, additional copies or to arrange for an officer to meet with you to explain any areas of the publication that you would like clarified.

Contact: Jacqueline Whitelaw (Technical Services Department)

Address: Council Headquarters, Newtown St. Boswells, MELROSE, TD6 0SA
Phone: 0300 100 1800
Fax: 01835 825071



SPACE FOR ADDITIONAL COMMENTS:

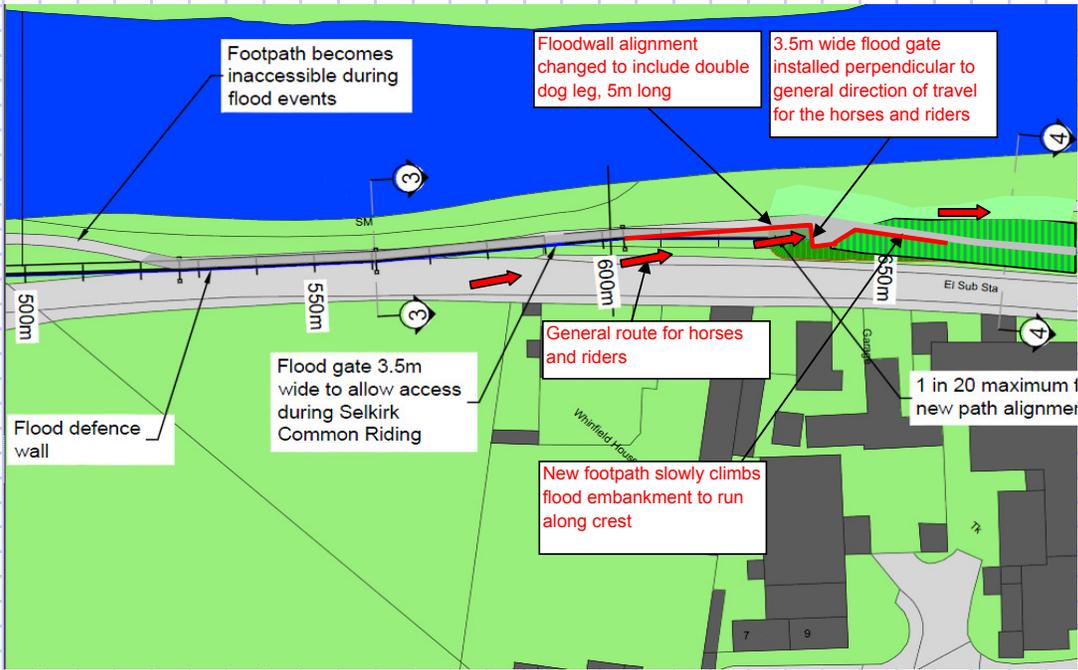
APPENDIX B: Sketch to compliment response to questionnaire number 002

DESIGN SKETCH

Project Selkirk Flood Protection Scheme
Description Riverside Flood Defences - Common Riding access
Purpose For comment
Drawn By: SRV **Date:** 24/06/2011 **Sketch no.** 1 **Rev** 0 **Page** 1



Annotated version of original proposal presented at public exhibition shown below - annotations shown in red



Notes:

- Surfacing of verge on approach to the gate to be confirmed through discussion
- Once through the gate, horses will be able to ride along the flat grassy area which replaces the route of the existing tarmac footpath.
- New footpath located on top of the flood defence embankment.
- Proposed gate is same width as existing gated access further downstream