



# St Botolph's Footbridge, Boston

## Public Consultation report

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# **1. Executive Summary**

## **1.1 Overview of the St Botolph's footbridge public consultation**

- 1.1.1 On 14-15<sup>th</sup> September 2011 a public consultation was undertaken to receive feedback on the replacement of St Botolph's footbridge in Boston. At the consultation three different design proposals were presented: Bowstring, Traditional and Low Bowstring Truss.
- 1.1.2 The design proposals were well received by the public, stakeholders and local businesses. The consultation events were well attended and offered the opportunity for detailed discussion, questions and concerns to be raised about the proposals.
- 1.1.3 During the 4 week consultation period over 137 questionnaire returns, letters and emails regarding the proposals were received.
- 1.1.4 This consultation report will outline the results and themes identified during the consultation period.

## **2. Introduction**

### **2.1 Purpose of this report**

- 2.1.1 This report will provide a background to the development of the replacement of St Botolph's footbridge.
- 2.1.2 In addition the report provides an overview of the consultation strategy and conclusions from the consultation questionnaire data.

### **2.2 Background to the development of the design proposals**

- 2.2.1 The current bridge does not comply with the Disability and Equality Act (DEA) standards in respect to the gradients and the bridge has insufficient width for the usage. Overall the footbridge suffers from structural defects and is becoming more expensive to repair and maintain.
- 2.2.2 Earlier this year, Lincolnshire County Council (LCC) secured European funding from the "Routes Not Barriers" bid. This was successful on the basis that while our waterways can contribute towards connectivity and travel between places they can also sometimes be barriers too. The project seeks to improve links on, alongside and across some of our waterways for local residents and visitors. St Botolph's footbridge is one element of the "Routes Not Barriers" project.
- 2.2.3 The proposed footbridge will be jointly funded by Lincolnshire County Council and the European "Routes Not Barriers" funding.
- 2.2.4 The replacement of the footbridge is also an opportunity to improve the access between the bus station in Boston and the market place. The footbridge over the River Witham is a very busy route from the bus station area to the Market Place and also provides a unique view onto the Stump which is a listed structure that sits within a conservation area. This is also a good opportunity to replace the old footbridge with a design more sympathetic to the surroundings.
- 2.2.5 The objective of taking the design proposals to a public consultation was to receive feedback on the designs and to then further develop the most suitable design for the replacement of the footbridge. This design can then be developed to an economically viable bridge which reflects its unique context and the local distinctiveness of Boston, whilst also ensuring that the new bridge is safe, accessible and DEA compliant. The new bridge has to be in place by the end of 2013 to comply with the European funding requirements.

## **3. Consultation Strategy**

### **3.1 Consultation Aims and Objectives**

3.1.1 Following initial consultation with English Heritage and Boston Borough Council, the aim of the public consultation was to gain views and opinions from members of the public, businesses and stakeholders on each design proposal. The aim was to gauge the level of public support and to help identify a preferred footbridge design to take forward to a planning application in 2012. The consultation also sought to understand any objections and concerns about the proposals to establish whether the design should be modified to take account of these.

### **3.2 Consultation Methodology**

3.2.1 Ahead of the consultation in September, all District Councillors and local County Councillors were invited to meet with LCC at Boston Borough Council's offices for a preview of the designs.

3.2.2 As part of the consultation, leaflets were sent to the following groups of people inviting them to attend the consultation:

- Stakeholders – emails were sent to over 20 local key stakeholders with a copy of the leaflet and an email invite to the public consultation
- Local businesses – on the first day of the consultation a letter and questionnaire were delivered to local businesses within the vicinity of St Botolph's footbridge

3.2.5 In addition to issuing leaflets and questionnaires to the above, a half page advertorial with background information to the scheme was placed in the Boston Target (circulation 19,356) on Wednesday 14th September and the Boston Standard Wednesday 14<sup>th</sup> September (circulation 23,516) on the first day of the consultation. See Appendix A.1 for a copy of the advertorial.

3.2.6 Through the LCC communications team, a press release was issued to the Boston Target, Boston Standard and Lincolnshire Echo with an overview of the consultation, inviting people to attend the consultation and fill out a questionnaire online. In addition an interview was carried out on BBC Radio Lincoln and was aired on 14<sup>th</sup> September 2011. See Appendix A.2 for a copy of the press release.

- 3.2.7 The consultation boards, leaflet and an online questionnaire were put onto the LCC website for members of public to view [www.lincolnshire.gov.uk/bostonfootbridge](http://www.lincolnshire.gov.uk/bostonfootbridge). This website went live during the week of the public consultation, and people were able to view consultation material and fill out an online questionnaire until Friday 14<sup>th</sup> October 2011.
- 3.2.8 The availability of the boards and leaflet online enabled the public and stakeholders to study the consultation material.
- 3.2.9 The consultation boards gave an overview of each design with a description of the general appearance, and an overview of the footbridge details including: the dimensions, the balustrade style, the type of access arrangement and whether the ramps are built on site or fabricated off site.

### 3.3 Public consultation events: Boston

- 3.3.1 The public consultation event was held over two days in Boston at the Len Medlock Centre in Boston on Wednesday 14<sup>th</sup> September from 10:00 to 16:30 and 15<sup>th</sup> September from 14:00 to 19:00.
- 3.3.2 At the consultation event nine consultation boards were presented, and leaflets and questionnaires available were made available to all. The list of boards and their content is listed in Table 3-A below. See Appendix A.3 to A.11 for a copy of the consultation boards.

| Board name | Content   | Size |
|------------|---|------|
| Board 1    | Introduction  | A1   |
| Board 2    | Option 1: Bowstring (overview/design detail and construction)           | A1   |
| Board 3    | Option 2: Traditional (overview/design detail and construction)         | A1   |
| Board 4    | Option 3: Low Bowstring Truss (overview/design detail and construction) | A1   |
| Board 5    | Option 1: Bowstring (images and deck colour options)                    | A1   |
| Board 6    | Option 2: Traditional (images and deck colour options)                  | A1   |
| Board 7    | Option 3: Low Bowstring Truss (images and deck colour options)          | A1   |
| Board 8    | Location Plan   | A1   |
| Board 9    | What happens next?  | A1   |

**Table 3-A St Botolph's Footbridge, Boston : Exhibition board content**

- 3.3.6 At the consultation event staff from LCC were on hand to talk members of the public about the scheme, and to answer any queries relating to specific issues.
- 3.3.7 In addition members of the public could leave their comments in a comments book.
- 3.3.8 Chapter 4 describes the results from the public consultation.

## **4 Consultation Responses**

### **4.1 Public Exhibitions**

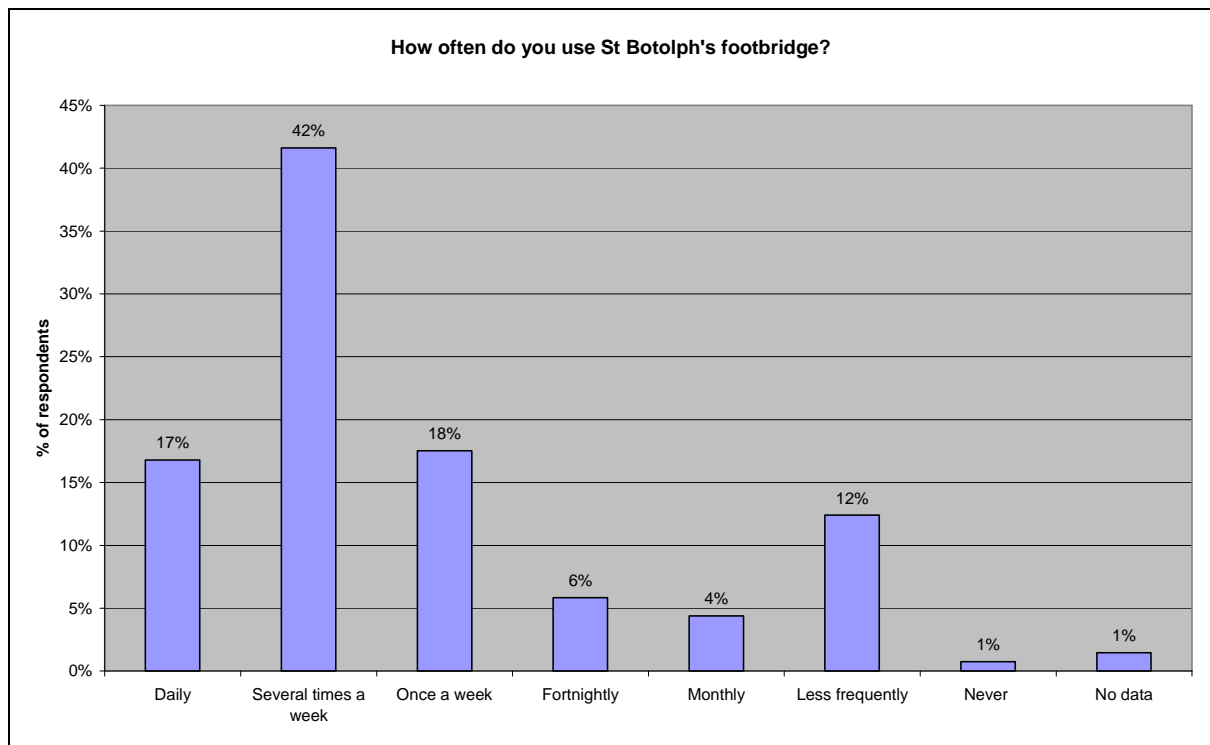
- 4.1.1 The exhibitions at the Len Medlock Centre were well attended and 87 visitors attended during the two days.
- 4.1.2 The exhibitions gave members of the public and stakeholders the opportunity to review the designs, and to ask members of the team any questions, concerns and comments they had about the proposals.
- 4.1.3 On the first day of the consultation leaflets and questionnaires were distributed to businesses situated on streets close to St Botolph's footbridge. This was to encourage them to complete a questionnaire and attend the consultation to receive an overview of the proposals.

### **4.2 Questionnaires**

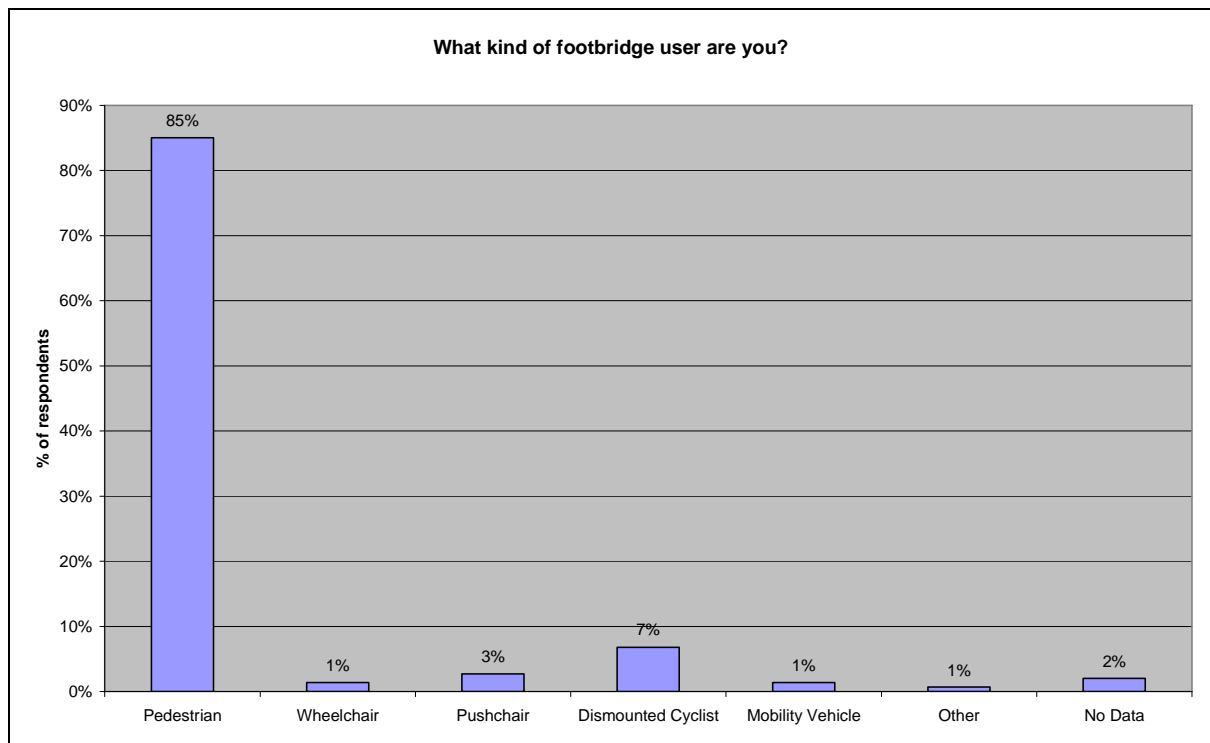
- 4.2.1 137 questionnaire returns were received and the results of these are included in the analysis below. The responses have been collated from the questionnaires received via the freepost return envelope and online. The questionnaire data has been analysed, along with the comments received in the 'comments box'.
- 4.2.2 The questionnaire responses are analysed below with bar graphs to show the results of the questions asked.

#### 4.4 Consultation questionnaire responses: overview of use of footbridge

4.4.1 The following charts display the questionnaire results for how often St Botolph's footbridge is used and the type of footbridge user.



**Table 4-A** How often do you use St Botolph's footbridge?



**Table 4-B** What kind of footbridge user are you?



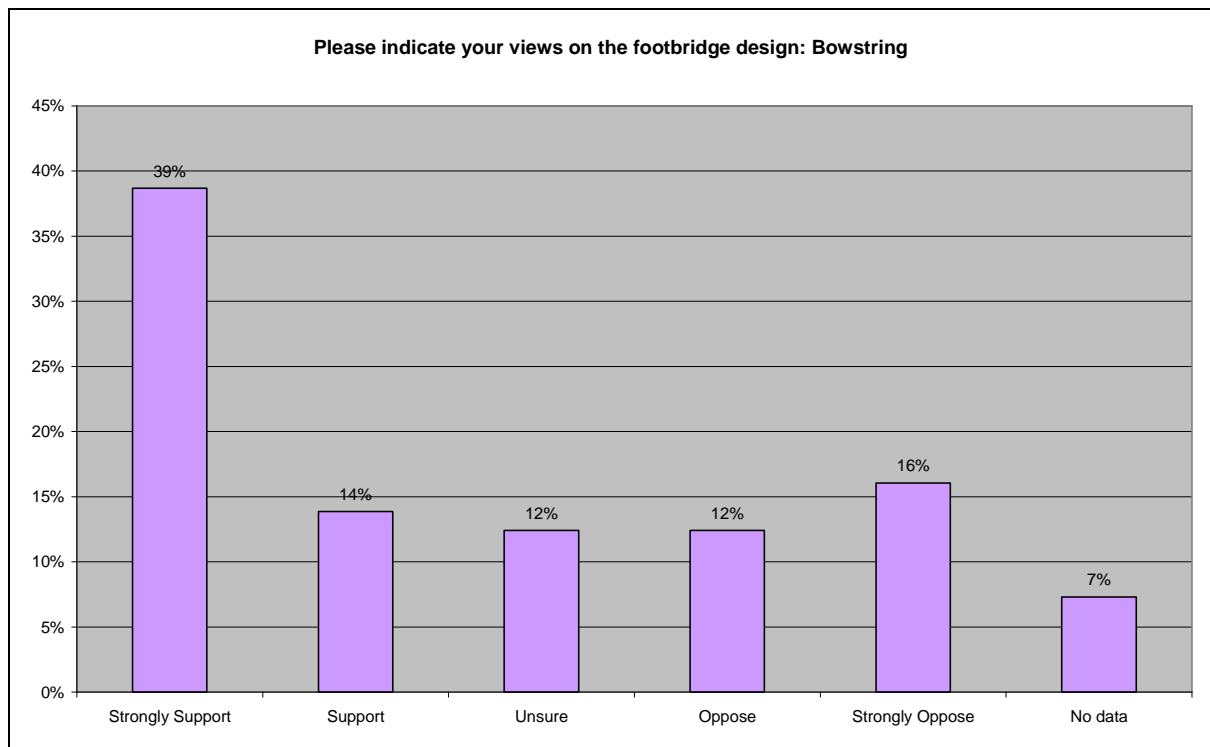
4.4.2 The footbridge is well used due to its location near to the bus station and the market place, and this is shown by the results as Table 4-A shows that over half of respondents (59%) use the footbridge either daily or several times a week so it is important that the footbridge is replaced for these regular users. In addition Table 4-B shows the majority of footbridge users are pedestrians at 85%, in addition the results show that the footbridge is used by other users including: dismounted cyclists (7%), parents with pushchairs (3%), and wheelchairs/mobility vehicles (1%).

#### 4.5 Consultation questionnaire responses: support for each footbridge

4.5.1 The following charts display the questionnaire results to show support for each of the footbridge design proposals (overall support), views on the shape of each footbridge and views on the ramps/steps for the Bowstring, Traditional and Low Bowstring Truss designs, see Appendix A for the footbridge designs.

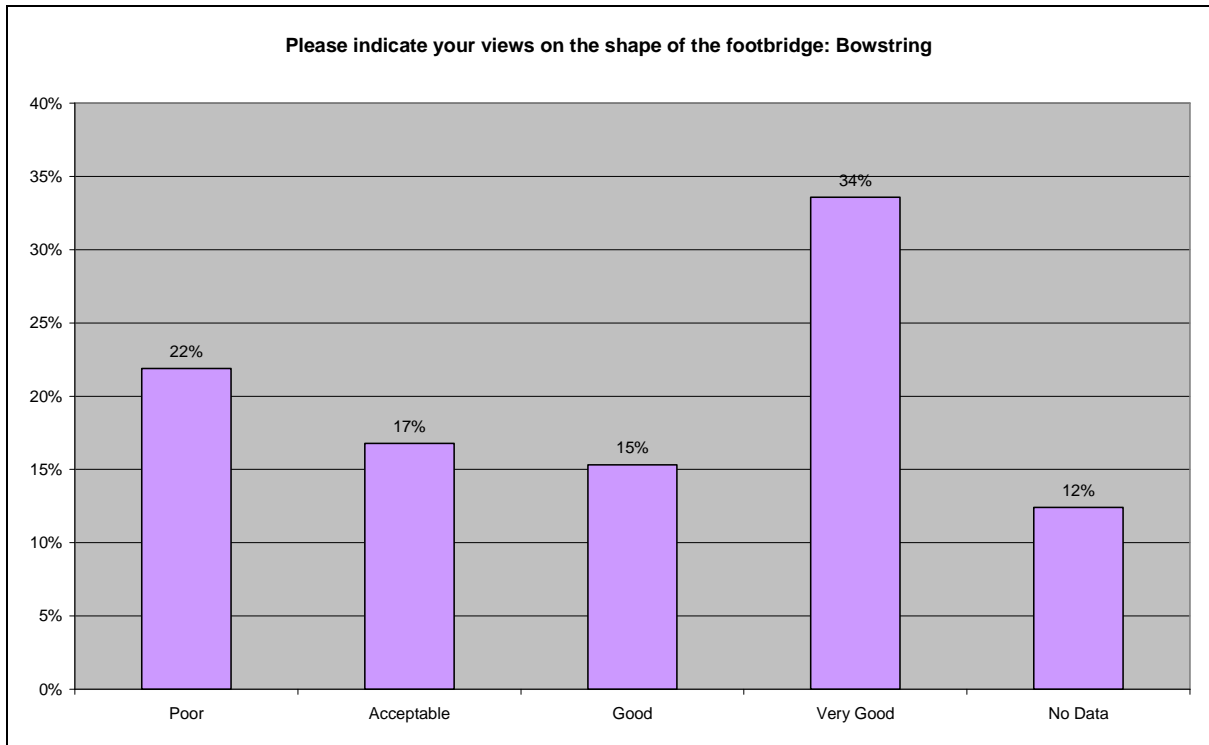
4.5.2 People’s views were sought on lighting for each footbridge. During the consultation the issue of lighting was discussed verbally using the images of the footbridges and with the use of trade literature to show different aspects of lighting for the footbridges.

#### **Bowstring footbridge: overall support**



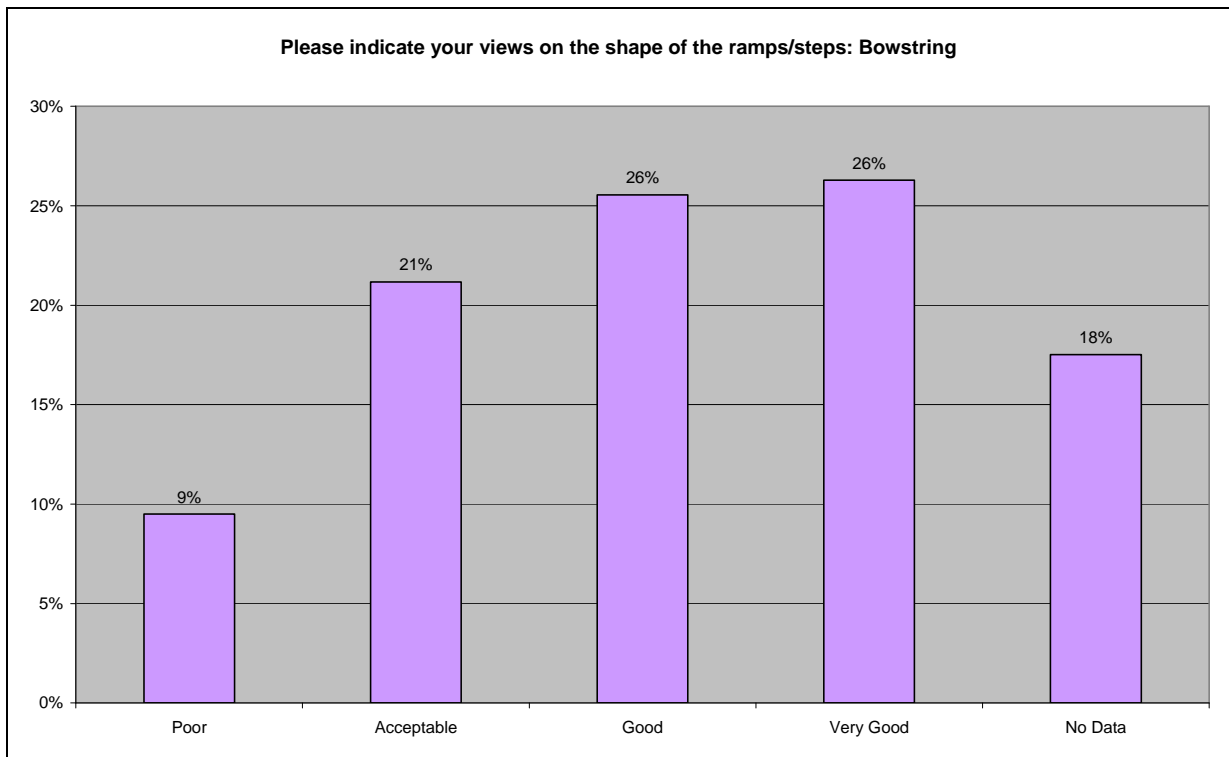
**Table 4-C** Please indicate your views on the footbridge design: Bowstring

**Bowstring footbridge: support for the shape of the footbridge**



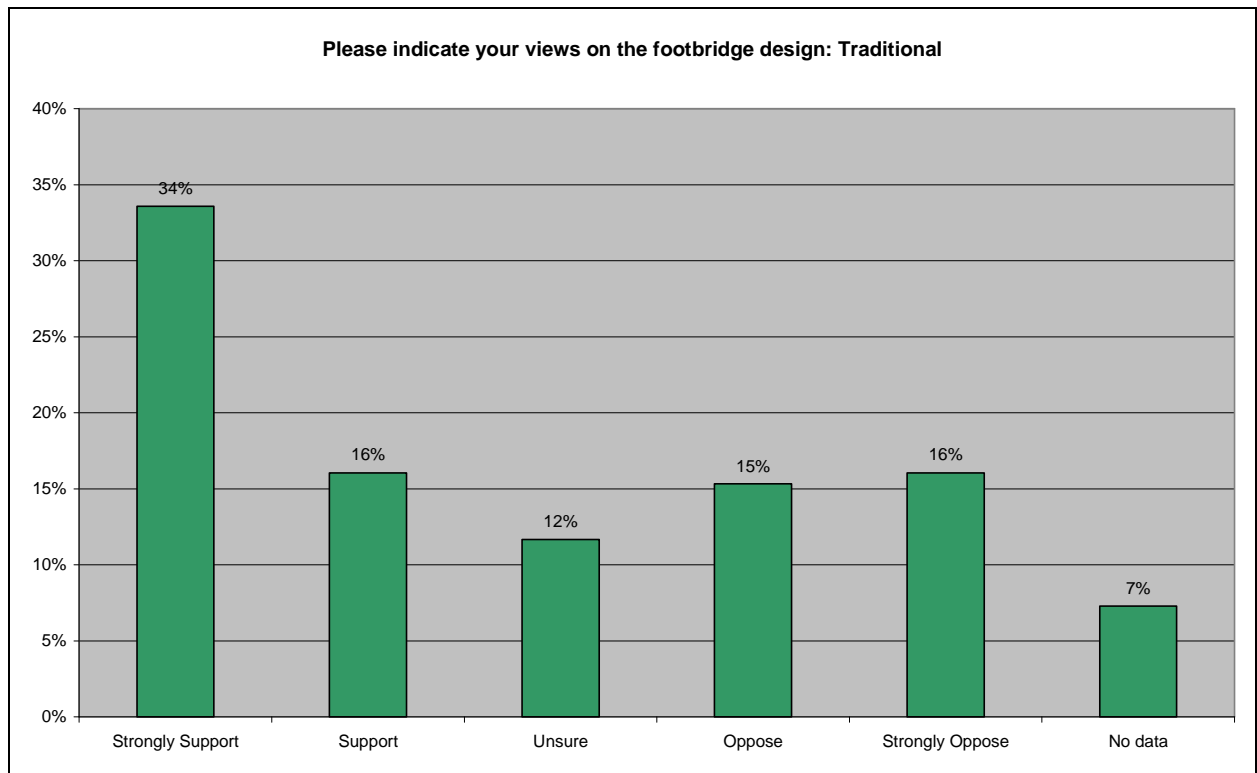
**Table 4-D** Please indicate your views on the shape of the footbridge: Bowstring

**Bowstring footbridge: support for the shape of the ramps / steps**



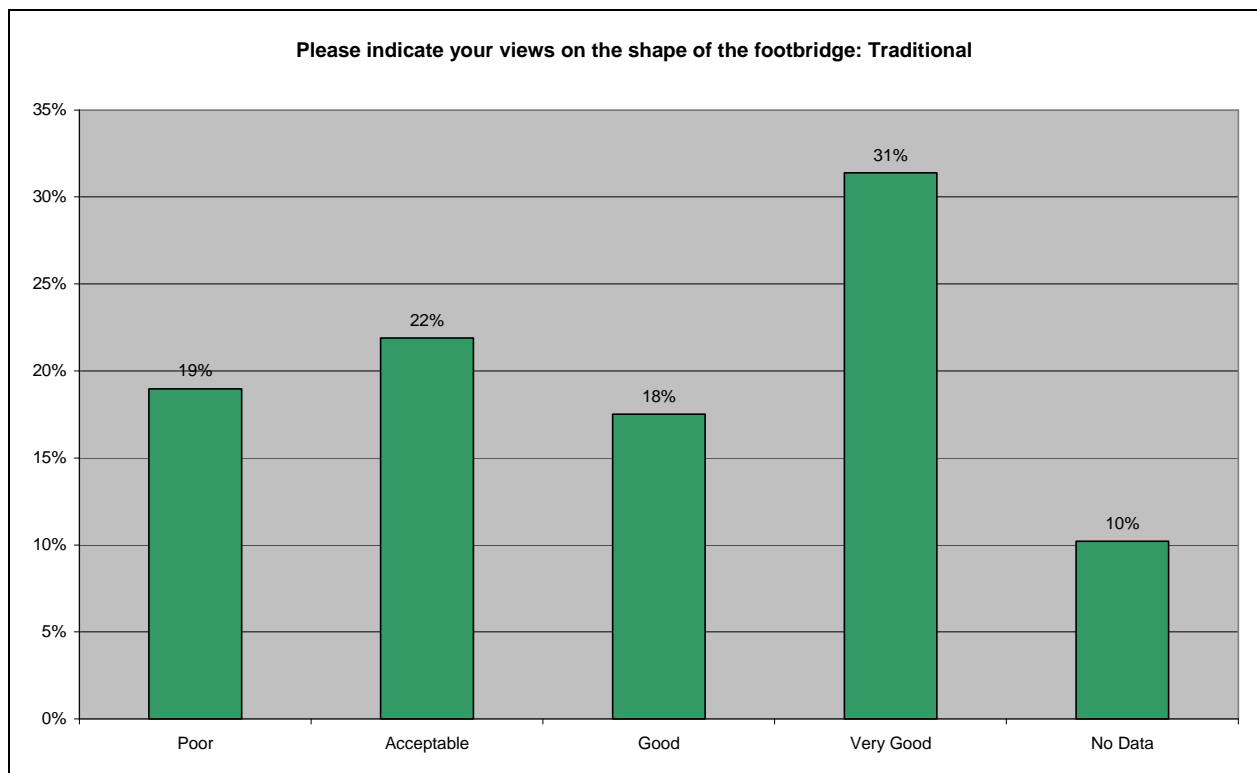
**Table 4-E** Please indicate your views on the shape of the ramps/steps: Bowstring

### **Traditional footbridge : overall support**



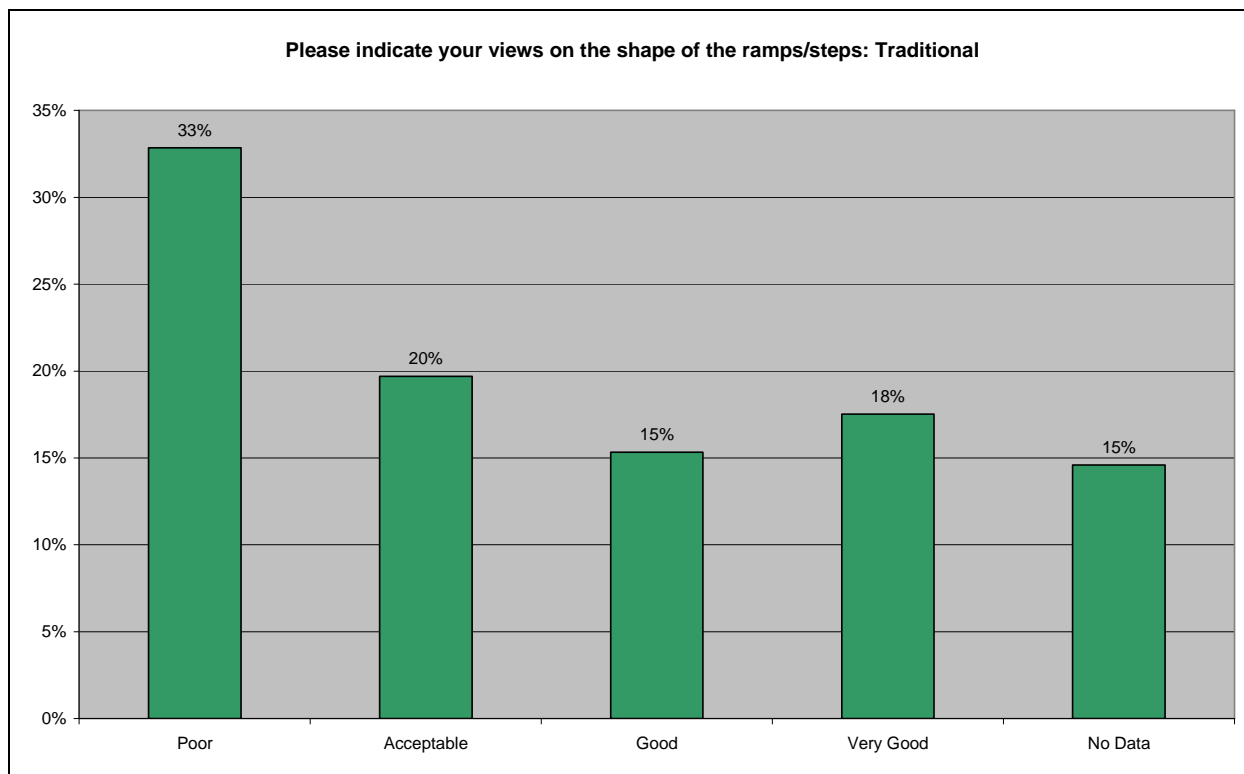
**Table 4-F** Please indicate your views on the footbridge design: Traditional

### **Traditional footbridge: support for the shape of the footbridge**



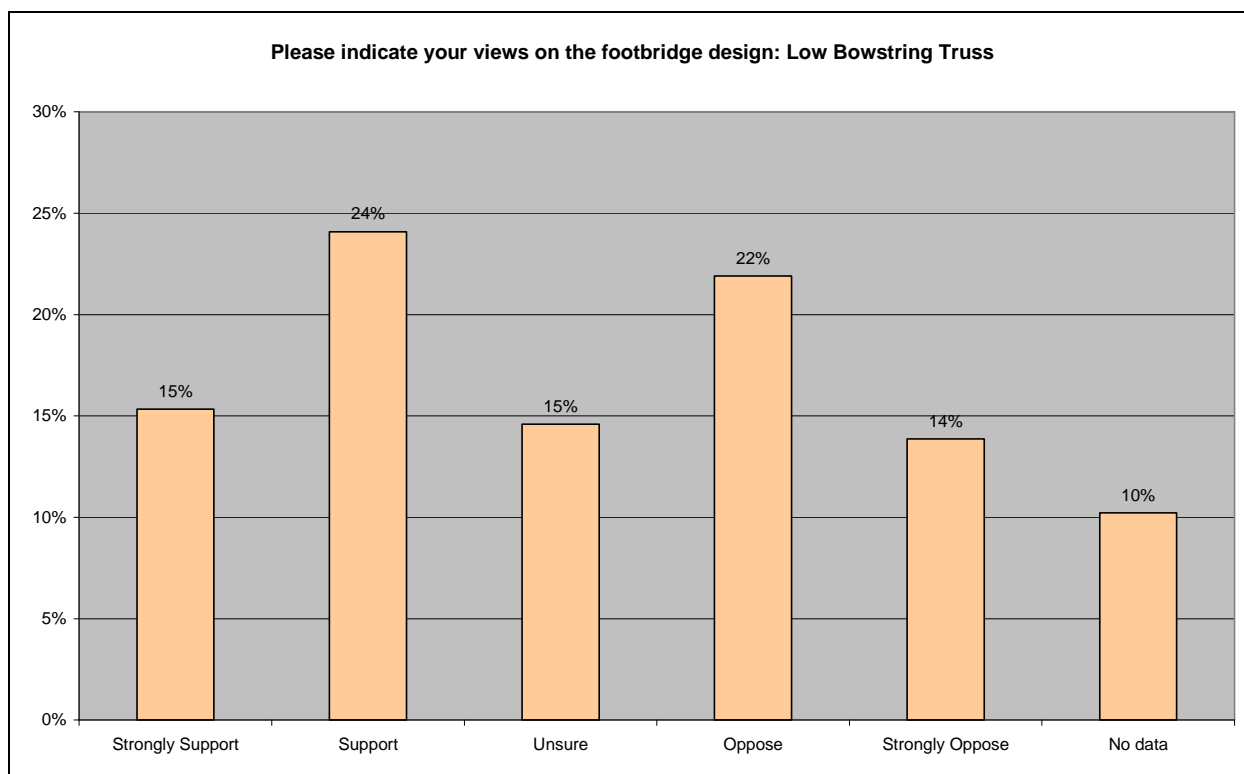
**Table 4-G** Please indicate your views on the shape of the footbridge: Traditional

**Traditional footbridge: support for the shape of the ramps / steps**



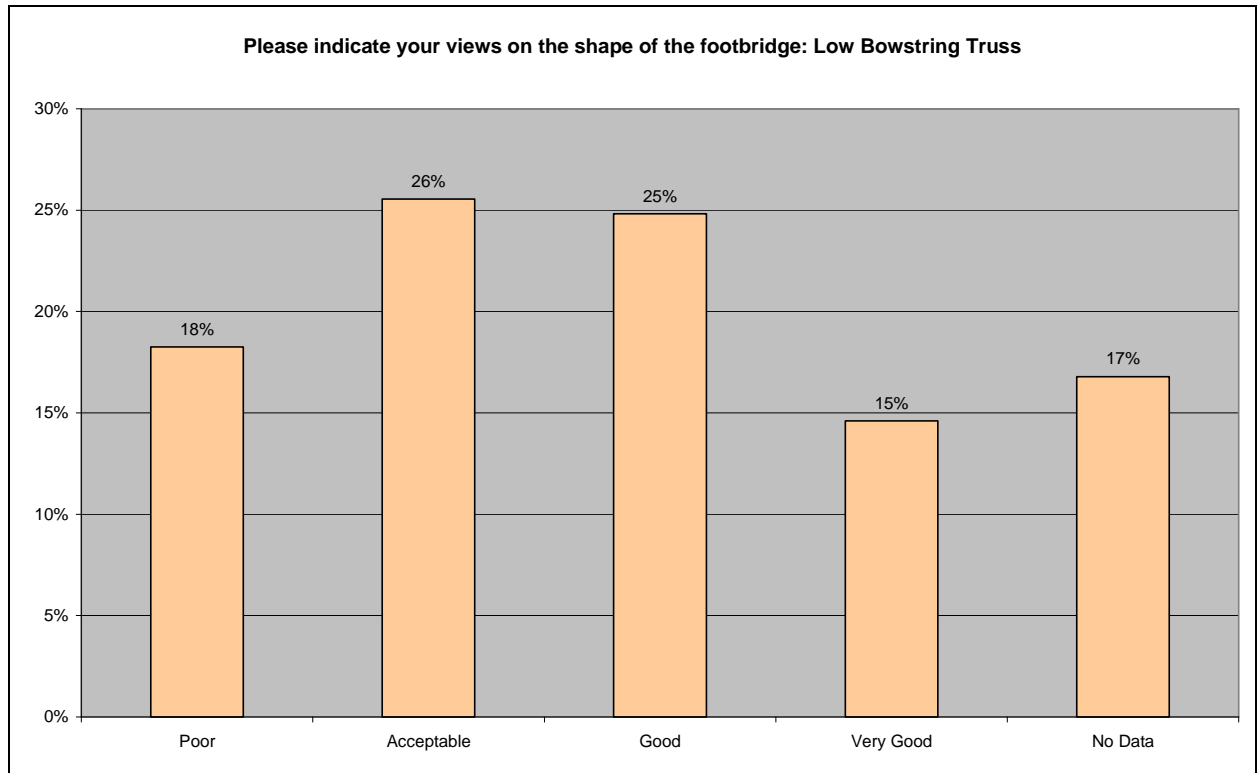
**Table 4-H** Please indicate your views on the shape of the ramps/steps: Traditional

**Low Bowstring Truss : overall support**



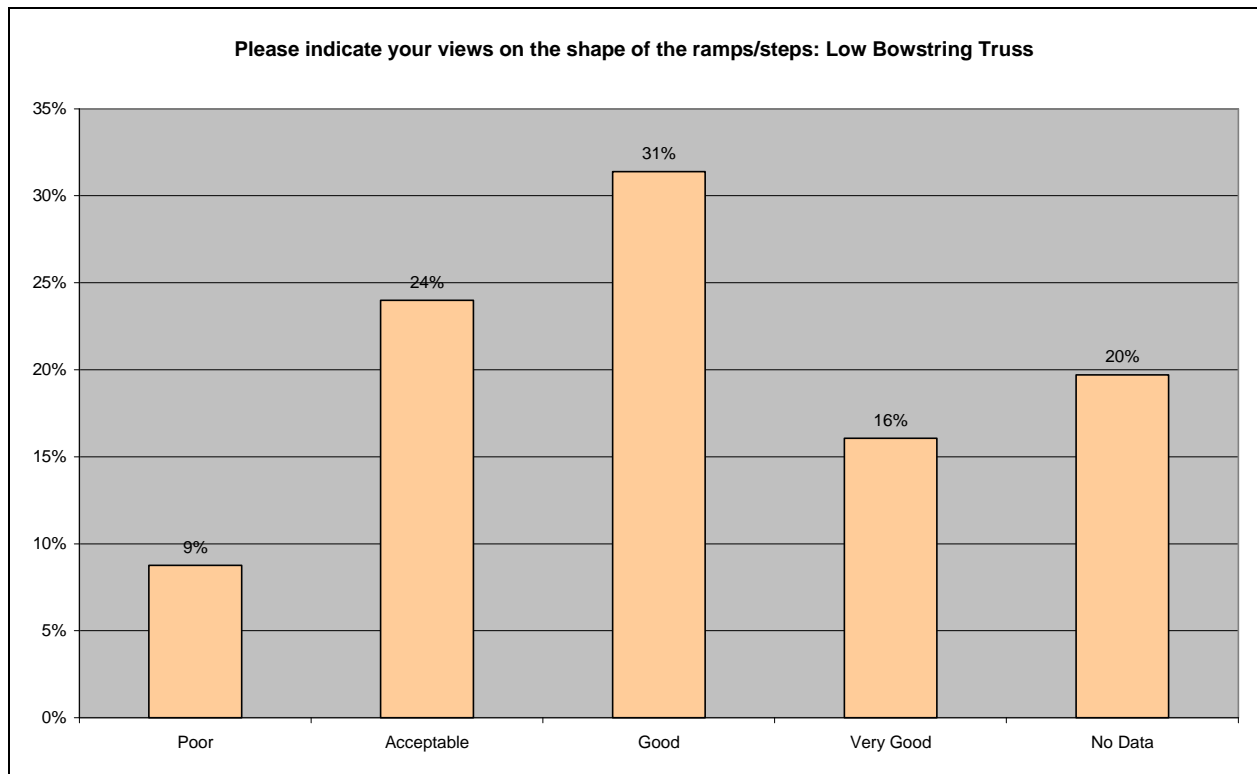
**Table 4-I** Please indicate your views on the footbridge design: Low Bowstring Truss

**Low Bowstring Truss: support for the shape of the footbridge**



**Table 4-J** Please indicate your views on the shape of the footbridge: Low Bowstring Truss

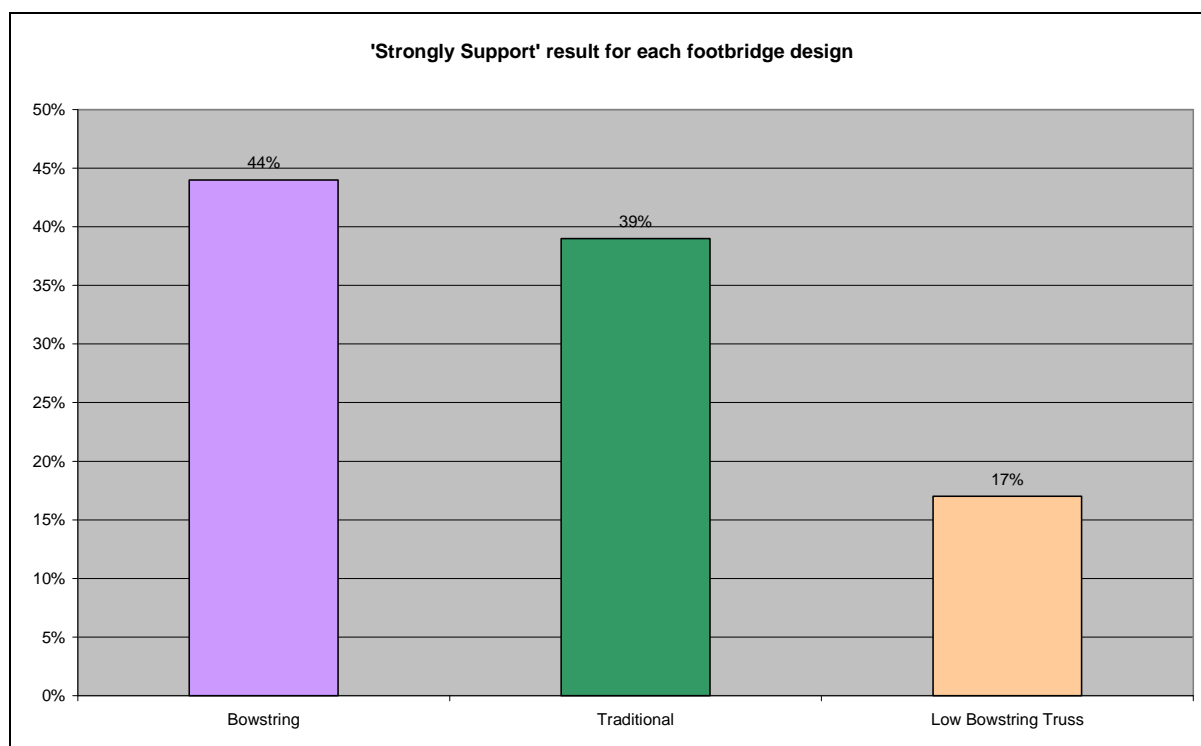
**Low Bowstring Truss: support for the shape of the ramps / steps**



**Table 4-K** Please indicate your views on the shape of the ramps/steps: Low Bowstring Truss

- 4.5.3 Table 4-C shows that the Bowstring is the most popular choice of footbridge as 53% of respondents strongly support (39%) or support (14%) this design. In addition Tables 4-D and 4-E show that the Bowstring design is popular because 49% of respondents liked the shape and 52% liked the ramps/steps.
- 4.5.4 Table 4-F shows that the Traditional is the second most popular design as 50% of respondents strongly support (34%) or support (16%) the design. Also Tables 4-G and 4-H show that the Traditional design is less popular because although 49% of respondents liked the shape, only 33% liked the design of the ramps and steps.
- 4.5.5 Table 4-I shows that the Low Bowstring Truss is the least popular design as 39% of respondents strongly support (15%) or support (24%) the design. Finally Tables 4-J and 4-K show that the Low Bowstring Truss is less popular because only 40% of respondents like the shape, however the ramps/steps are more popular with 47% liking the design of them as they are similar to the Bowstring design's ramps/steps.
- 4.5.6 The graph below shows the 'Strongly Support' result for each bridge on graph. The results on this graph total 100% for comparison (Bowstring = 44%, Traditional = 39% and Low Bowstring Truss = 17%).

**'Strongly Support' result for each footbridge design**



**Table 4-L 'Strongly Support' result for each footbridge design: Bowstring, Traditional and Low Bowstring Truss**

- 4.5.7 An additional observation is the overall comparison between a contemporary and a traditional design. Combining the two contemporary designs further extends the majority in support of this proposal in contrast to a traditional design.

#### 4.6 Consultation questionnaire responses: preferred colour for footbridge and deck and preferred material for footbridge

4.6.1 In addition to the above, respondents were asked some further questions about their preferred colour, preferred deck colour and preferred material for the footbridge which will be taken into consideration when developing the design further. The tables below show these results.

##### **Preferred colour for footbridge**

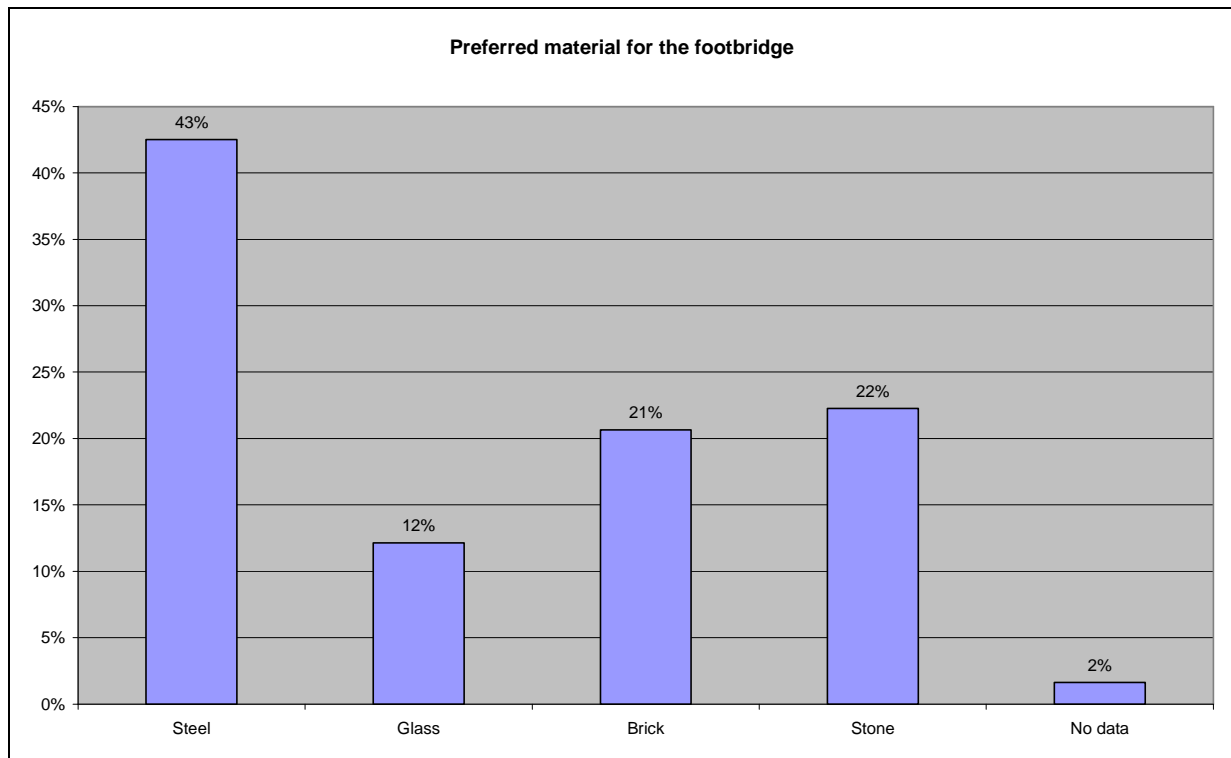
| <b>Bowstring</b>           | <b>Number of votes</b> |
|----------------------------|------------------------|
| Silver                     | 24                     |
| White                      | 19                     |
| Grey                       | 14                     |
| <b>Traditional</b>         |                        |
| Black                      | 32                     |
| Green                      | 11                     |
| Blue                       | 8                      |
| <b>Low Truss Bowstring</b> |                        |
| White                      | 19                     |
| Black                      | 16                     |
| Grey                       | 15                     |

*Table 4-M Preferred colour for the footbridge*

##### **Preferred colour for footbridge deck**

|                            | <b>Beige</b> | <b>Dark grey</b> | <b>No Data</b> |
|----------------------------|--------------|------------------|----------------|
| <b>Bowstring</b>           | 22%          | 53%              | 26%            |
| <b>Traditional</b>         | 28%          | 48%              | 24%            |
| <b>Low Bowstring Truss</b> | 20%          | 50%              | 31%            |

*Table 4-N Preferred colour for the footbridge deck*



**Table 4-O Preferred material for the footbridge**

4.6.2 Table-L shows that the preferred colours for the Bowstring design are silver, white and then grey, which are similar to the proposed design. The preferred colours for the traditional design are black, green and blue. Black is again similar to the proposed design, however the other colour choices of green and blue are traditional footbridge colours across Boston and the wider County of Lincolnshire. Finally the preferred colours for the Low Truss Bowstring are white, black and grey, which are all elements of the proposed design.

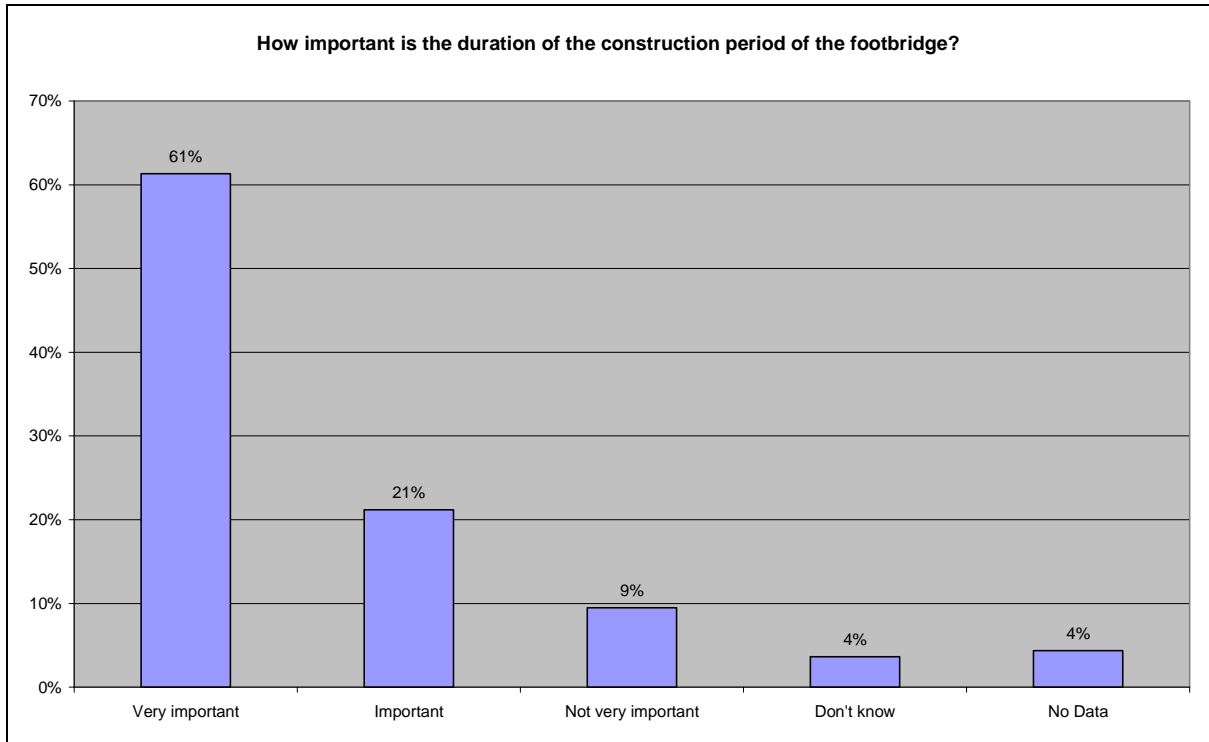
4.6.3 Table-M shows that the preferred colour for the footbridge deck for each footbridge design is dark grey.

4.6.4 Finally respondents were asked to state their preferred material for each footbridge proposals, and Table 4-N shows that the most popular choice was steel (43%) which reflects the designs of the Bowstring and the Low Truss Bowstring, followed by stone (22%) and brick (21%) which reflects the traditional design. The last choice was glass (12%) which was the least popular material choice.

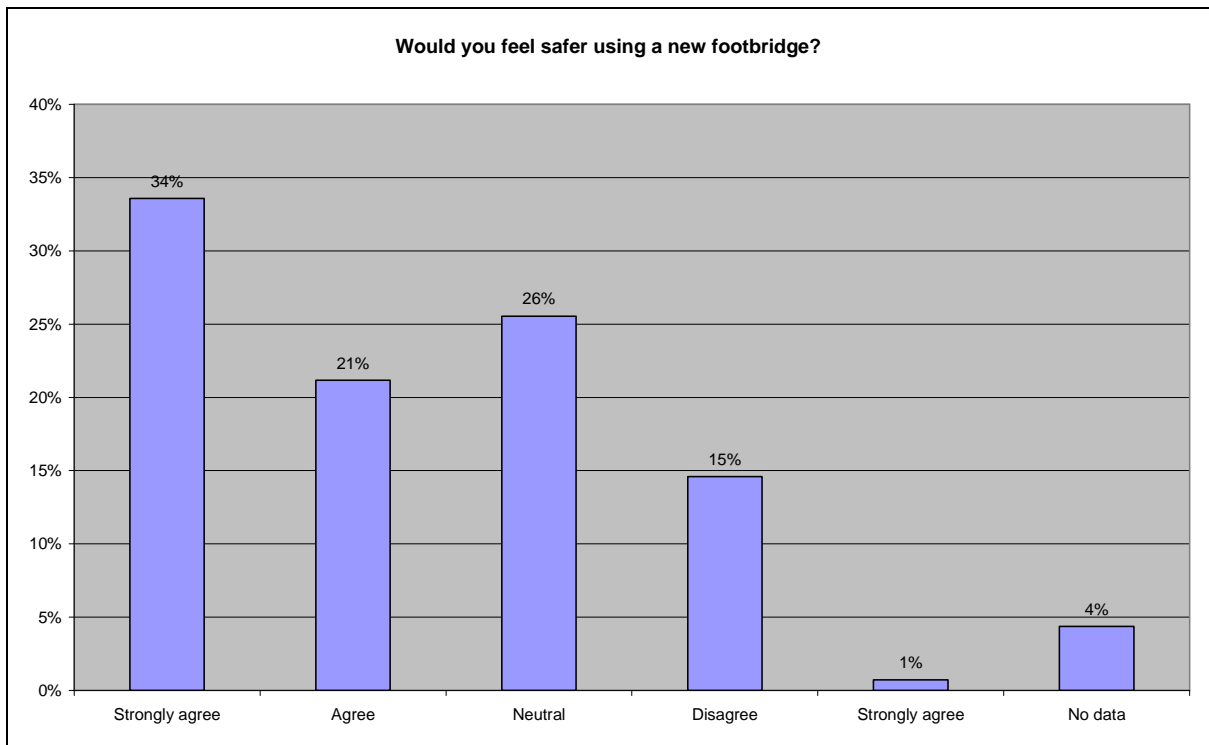
**4.7 Consultation questionnaire responses: duration of construction period and safety of new footbridge**

4.7.1 Tables 4-P and 4-Q below show people’s views on the duration of the construction period and whether people would feel safer using a new footbridge.





**Table 4-P** *How important is the duration of the construction period of the footbridge?*



**Table 4-Q** *Would you feel safer using a new footbridge?*

4.7.2 Table 4-P shows that 61% of respondents consider the duration of the construction period of the footbridge to be very important (61%) or important (21%). This means that over 80% of respondents think that the footbridge should be constructed in a timely manner, and the construction of the footbridge needs to be well publicised in the months running upto construction.

4.7.3 Table 4-Q shows that 55% of respondents agree that they would feel safer using a new footbridge, showing that currently people feel unsafe using the existing footbridge.

#### 4.8 Consultation questionnaire comments box – other factors to consider as part of the design proposals

4.8.1 A number of other comments were received in the ‘comments box’ section at the end of the questionnaire. These comments have been reviewed and the information collated into key headings in the table below.

|    | Topic  | Total times raised on questionnaires |
|----|--|--------------------------------------|
| 1  | Needs to be done   | 7                                    |
| 2  | Make bridge as wide as possible  | 7                                    |
| 3  | Need to accommodate for cyclists   | 7                                    |
| 4  | Non slip surface   | 5                                    |
| 5  | Design needs to blend in with stump  | 5                                    |
| 6  | Area near bridge should be landscaped  | 3                                    |
| 7  | Build it quickly   | 2                                    |
| 8  | Use vandal proof material e.g. not glass   | 2                                    |
| 9  | New footbridge will be good as have difficulty walking over bridge due to illness/disability | 2                                    |
| 10 | Visual impact on local area  | 2                                    |
| 11 | Improve approaches to bridge   | 1                                    |
| 12 | Make slopes to bridge less steep   | 1                                    |
| 13 | Needs to be an impressive design due to location   | 1                                    |

**Table 4-R** ‘Comments Box’ comments

4.8.3 These comments will be considered, where appropriate, when reviewing the final design for the proposed choice of footbridge, in order of priority from comment 1 to 13.

4.8.4 Comment 3 raises the need to accommodate the footbridge for the use of cyclist. As table 4B indicates the bridge is predominantly used by pedestrians. However, the proposed design of the footbridge will incorporate a cycling solution should a wider cycling strategy be adopted in the future.

## **5 Conclusion**

### **5.1 Outcomes and Feedback**

- 5.1.1 Following the public consultation analysis of the questionnaire results, the preferred footbridge design for replacing the existing St Botolph's footbridge in Boston has been identified as the Bowstring footbridge.
- 5.1.2 After combining the results for support and strongly support on Table 4-C, the Bowstring came out on top with 53%. In addition, the combination of good and very good for the shape shown in Table 4-D and ramp/steps shown in Table 4-E also proved popular with 49% and 52% respectively.
- 5.1.3 The consultation results identified the top three preferred colours for the Bowstring as silver, white and then grey. Although other colours are still to be considered. In addition the results identified dark grey as the preferred colour for the footbridge deck, and steel as the overall preferred material for the footbridge. Stainless steel handrails could be considered to compliment the main silver steel components and the dark grey deck. Lighting could also be designed to provide both functional and decorative illumination over the structure.
- 5.1.4 In addition over 80% of respondents considered the duration of the construction period of the footbridge to be very important/important, and this ties in with the preferred design which can be largely manufactured off site.
- 5.1.5 Finally overall comments raised by respondents, identified in Table 4-R - comments box, will be taken into account where appropriate.

### **5.2 Next Steps**

- 5.2.1 Now that the overall concept has been identified, the next step will be to review the bowstring design proposals and finalise the details of the footbridge including parapets, colour, deck and materials.
- 5.2.2 The design will then progress towards the submission of a planning application to the relevant authority.

# Appendix A – Consultation Materials

## St Botolph's Footbridge: public consultation

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Existing Bridge Photographs

Lincolnshire County Council is planning a public consultation to help determine a suitable replacement for St Botolph's Footbridge.

Lincolnshire County Council Structures Department have commissioned local architect Neil Dowlman Architecture to provide different conceptual designs to illustrate the possibilities of how the new bridge may look.

Following early talks with stakeholders we now have three different conceptual designs to present to the public for comment:

- Bowstring
- Traditional
- Low Bowstring Truss

The new bridge will be jointly funded by Lincolnshire County Council and a successful 'Routes Not Barriers' bid for European funding, of which the bridge is just one element. The new bridge will be in place by the end of 2013.

Please come along to the consultation as your views are important to us.

**There are many benefits in replacing the footbridge including:**

- ✓ Improve views of the surrounding environment
- ✓ Eliminate existing footbridge maintenance issues.
- ✓ Improve accessibility by the introduction of new ramps and/or stairs at the end of the structure making it easily accessible to wheelchair users, dismounted cyclists, families using prams or pushchairs and mobility scooters.

- ✓ Opportunity to replace the existing footbridge with something more suitable to the surroundings to enhance the area
- ✓ Develop a landmark gateway to the town centre
- ✓ Provide an improved view of the river and of St Botolph's Church.

**How can I find out more and get involved?**

Come and talk to the team at the public exhibitions:

**Len Medlock Centre, Boston (next to the bus station):**  
 Wednesday 14th September – 10:00-16:30  
 Thursday 15th September – 14:00-19:00

Complete a questionnaire at the exhibition or online by 14th October.

Follow the scheme on the website:  
[www.lincolnshire.gov.uk/bostonfootbridge](http://www.lincolnshire.gov.uk/bostonfootbridge)  
 Write or email your views to:

**Boston Footbridge Team,**  
 Lincolnshire County Council,  
 Technical Services Partnership,  
 Witham Park House,  
 Waterside South,  
 Lincoln,  
 LN5 7JN or  
[bostonfootbridge@lincolnshire.gov.uk](mailto:bostonfootbridge@lincolnshire.gov.uk)

Call and ask to speak to a member of the team on 01522 782070

**Lincolnshire**  
COUNTY COUNCIL  
 HIGHWAYS ALLIANCE



Figure A.1 – advertorial (Boston Target and Boston Standard)

## New footbridge for Boston

People in Boston are being invited to share their views about three new conceptual designs to replace St Botolph's footbridge in the town.

A public exhibition is taking place at the Len Medlock Centre, next to the bus station in Boston, on Wednesday 14 September between 10am and 4pm and Thursday 15 September between 2pm and 7pm.

Engineer, Craig Otter, said: *"Come along to the public exhibition that we're holding in the town and take a good look at the three conceptual designs that have been produced by Neil Dowlman Architecture. By the use of illustrations you'll get a really clear idea about what the new footbridge could look like. Not only will you see the designs on display boards, we've gone one step further and will be showing them to you as 3D rotating images too. We're keen to hear which style and features you like the best."*

The three proposed footbridge designs are a Bowstring, Traditional and Low Bowstring Truss Design. Within each design there are also further variations to look at including the colour, approaches (ramps/steps) and lighting that could be used.

Mr Otter added: *"If you can't make it to the events, you can still call us for a copy of the designs, or look at them online and email us your thoughts. This is an opportunity to replace the existing footbridge with something more suitable to the surroundings and to enhance the area."*

The designs will be available online from 14 September at [www.lincolnshire.gov.uk/bostonfootbridge](http://www.lincolnshire.gov.uk/bostonfootbridge). People can email their comments to [bostonfootbridge@lincolnshire.gov.uk](mailto:bostonfootbridge@lincolnshire.gov.uk) or call 01522 782070. Comments can also be sent in the post to: Boston Footbridge Team, Lincolnshire County Council, Technical Services Partnership, Witham Park House, Waterside South, Lincoln, LN5 7JN.

S:\HC\MM\0149-Boston St Botolphs PV\Project Management\Consultation\Boston Footbridge consultation\Email\Press release\m\botolphbridge\_CHV2.doc

All news releases from Lincolnshire County Council are e-mailed to relevant media organisations throughout the county and beyond. Please keep us up-to-date with your contact details and inform us of any changes.

All news releases can be viewed on the County Council's website – [www.lincolnshire.gov.uk](http://www.lincolnshire.gov.uk)

Figure A.2 – press release (page 1)


The public consultation on the proposed designs ends on 14 October. The new footbridge will be jointly funded by Lincolnshire Council Council and a successful 'Routes Not Barriers' bid for European funding. A report on the public consultation will be available online at the end of the year. Construction of the new footbridge expected to start mid 2013 and be completed by the end of 2013.

- ENDS -

**Monday 12 September 2011**

*Figure A.2 – press release (page 2)*

## ST BOTOLPH'S FOOTBRIDGE PUBLIC CONSULTATION: INTRODUCTION



**Introduction**

Lincolnshire County Council is here to consult with you about three different design options for the replacement of St Botolph's Footbridge.

The current bridge does not comply with the Disability and Equality Act (DEA) standards, has an insufficient width, the ramps on the approaches do not have complete handrail protection and overall the footbridge suffers from structural defects.

The new bridge will be jointly funded by Lincolnshire County Council and a successful 'Routes Not Barriers' bid for European funding, of which this bridge is just one element. The new bridge will be in place by the end of 2013.

The footbridge over the River Witham is a very busy route from the bus station and car park area to the Market Place and also provides a unique view onto the Slump. This is considered a good opportunity to replace the old footbridge with a design more suitable to the surroundings.

**The objective**

The objective of the consultation is to receive feedback on the conceptual designs and to then further develop the chosen design for the replacement of the footbridge. This design can then be developed to an economically viable bridge which reflects its context and the local distinctiveness of Boston. Whilst also ensuring that the new bridge is safe, accessible and DEA compliant.

Following early talks with both Boston Borough Council and English Heritage, the three designs will include:

- a more contemporary bowstring design with direct ramps using more modern materials,
- a traditional design with steps and switchback ramps constructed from traditional materials,
- a shallow bowstring truss design with direct ramps using more modern materials.

**The Designs**

An overview of each design will briefly describe the general appearance. The detail will include the dimensions, the balustrade style, the type of access arrangement and whether the ramps are built on site or fabricated off site. These factors will vary and should

be considered by the public with the overall feedback. The construction phasing will be an important part of the design work and consideration will be given to ensure the crossing remains serviceable as long as possible during the replacement.

Please read the following boards for more details about the proposals. If you have any questions, please ask a member of staff. We hope you will also take time to complete the questionnaire. Your views are important and you can be sure that they will be considered and will influence the decision for the replacement of the footbridge.

**Thank you,**  
The Boston Footbridge Team







Figure A.3 – consultation board 1

## OPTION 1: BOWSTRING



**Bowstring Proposed Design**

**Overview**

The bridge features a slim deck profile which increases in width towards the centre. This will allow the opportunity to rest and enjoy the views of the historic area. The inclined twin steel arches are to produce a feeling of containment on the deck and simultaneously an openness to the sky.

**Detail**

The proposed bridge spans approximately 25metres with inline ramps 15metres long at each end. The centre of the bridge is 4metres wide which reduces to 3metres wide at each end. The Bowstring arch is approximately 4metres high and made from tubular steel sections with the deck suspended from steel hangers on both sides.

To maintain the contemporary theme of the bridge, strengthened glass balustrades are proposed with

stainless steel handrails. This will ensure the view is available for enjoyment by both children and wheelchair users. Longitudinal deck lighting is to be concealed within the handrails for night time use.

This parapet design can also be inter-changed with the Option 3, the Low Bowstring Truss.

**Construction**

The bridge will be supported on a series of deep, steel reinforced concrete piles with concrete

reinforced pile caps. The majority of these piles can be driven whilst the existing structure is in use.

The bridge and each ramp section will be fabricated off site and then lowered into position using a crane.



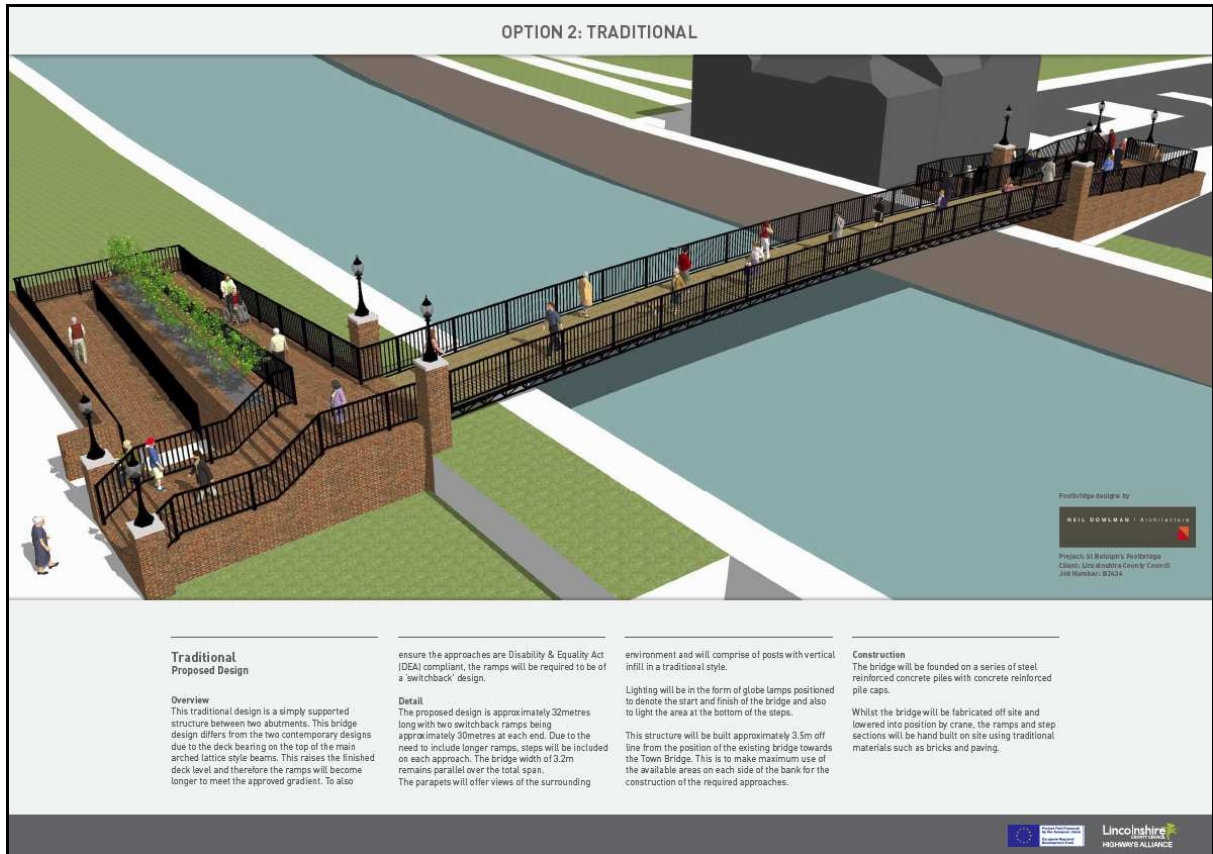



Figure A.4 - consultation board 2



**Traditional Proposed Design**

**Overview**  
This traditional design is a simply supported structure between two abutments. This bridge design differs from the two contemporary designs due to the deck bearing on the top of the main-arched lattice style beams. This raises the finished deck level and therefore the ramps will become longer to meet the approved gradient. To also

ensure the approaches are Disability & Equality Act (DEA) compliant, the ramps will be required to be of a 'switchback' design.

**Detail**  
The proposed design is approximately 52metres long with two switchback ramps being approximately 30metres at each end. Due to the need to include longer ramps, steps will be included on each approach. The bridge width of 3.2m remains parallel over the total span. The parapets will offer views of the surrounding

environment and will comprise of posts with vertical infill in a traditional style.

Lighting will be in the form of globe lamps positioned to denote the start and finish of the bridge and also to light the area at the bottom of the steps.

This structure will be built approximately 3.5m off line from the position of the existing bridge towards the Town Bridge. This is to make maximum use of the available areas on each side of the bank for the construction of the required approaches.

**Construction**  
The bridge will be founded on a series of steel reinforced concrete piles with concrete reinforced pile caps.

Whilst the bridge will be fabricated off site and lowered into position by crane, the ramps and step sections will be hand built on site using traditional materials such as bricks and paving.

Figure A.5 - consultation board 3



**Low Bowstring Truss Proposed Design**

**Overview**  
The Low Bowstring Truss is a variation to the first 'Bowstring' design. Instead of the deck being supported by hangers, this tubular truss design provides the strength, offers a feature and permits a reduction in height of the bowstring shape. The upright tubular trusses rake backwards from the centre of the bridge to accentuate the curve.

This allows more colour options to the main steel including the possibility of a combination of two or more colours to the same bridge.

Longitudinal deck lighting is to be concealed within the handrails on the emerging parapet.

**Detail**  
The proposed design is approximately 35metres long with two inline ramps 15metres long at each end. The slim deck of the bridge remains parallel along the span at a dimension of 3.2metres wide. The Bowstring feature is approximately 2.5metres

high and made from tubular steel sections.

The parapets will offer improved views of the surrounding environment and will comprise of a stainless steel handrail with embodied lighting towards the deck. This design can also be interchanged with the parapet from Option 1, The Bowstring.

**Construction**  
The bridge will be founded on a series of steel reinforced concrete piles with concrete reinforced

pile caps. The majority of these piles can be driven whilst the existing structure is in use.

The bridge and each ramp section can be fabricated off site and then lowered into position using a crane.

Figure A.6 - consultation board 4



OPTION 1: BOWSTRING



Deck Colour Options



Beige Bauxite

Dark Grey Bauxite



Footbridge designs by



Project: St Botolph's Footbridge  
Client: Lincolnshire County Council  
Job Number: BK336



Figure A.7 - consultation board 5

OPTION 2: TRADITIONAL



Deck Colour Options



Beige Bauxite

Dark Grey Bauxite



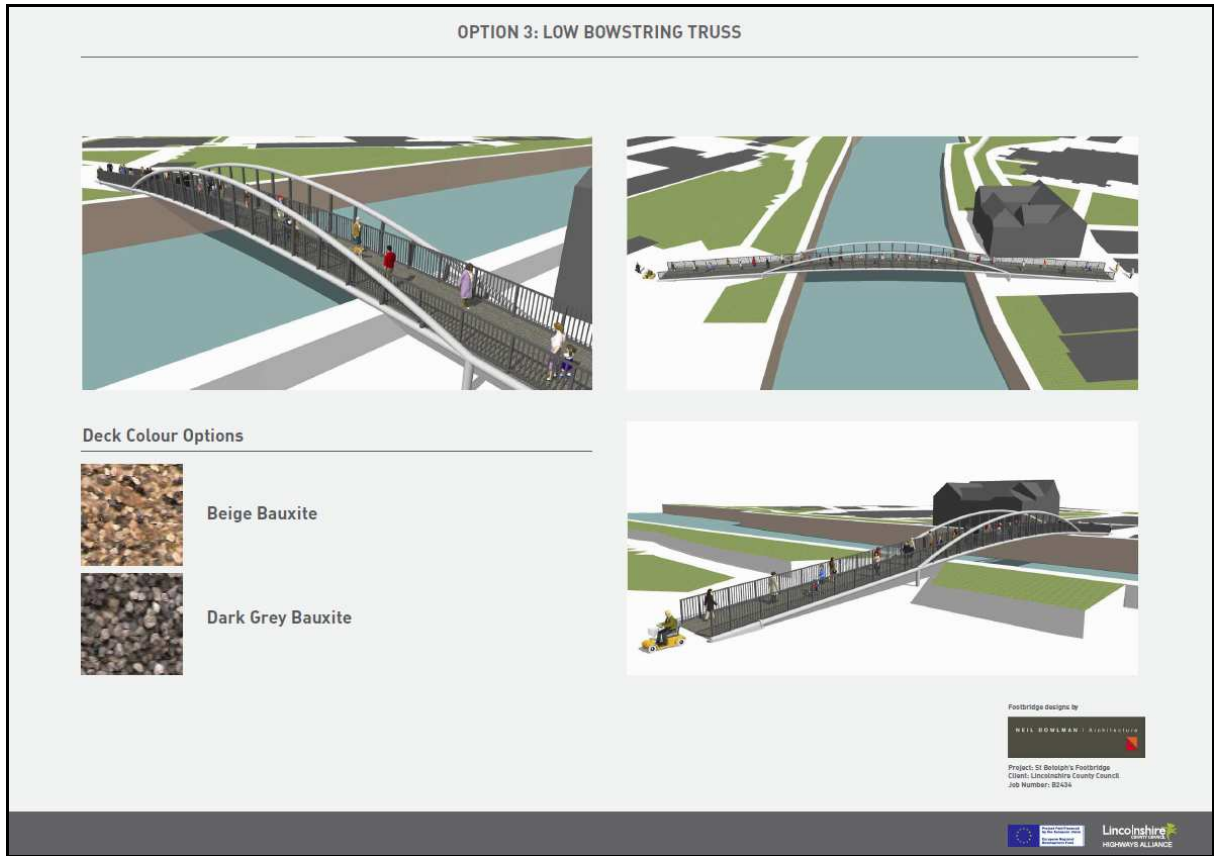
Footbridge designs by



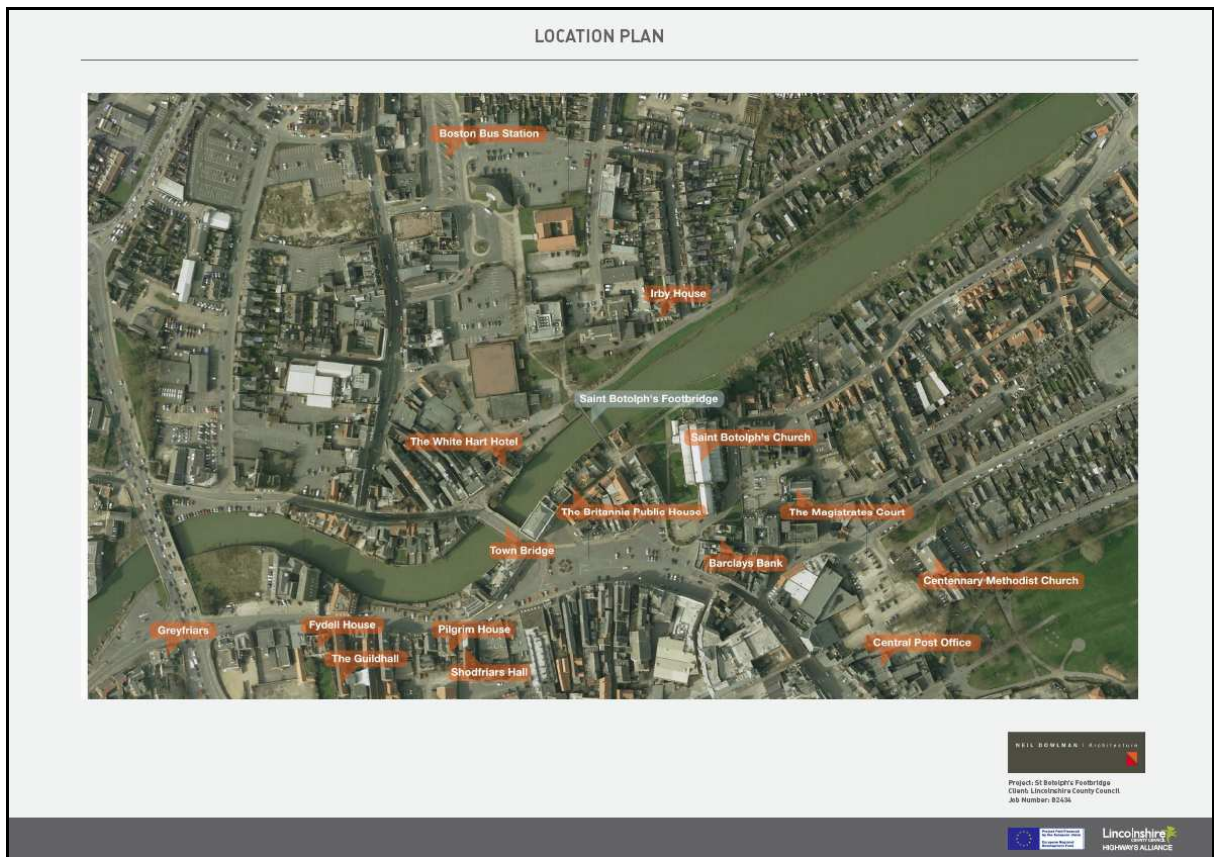
Project: St Botolph's Footbridge  
Client: Lincolnshire County Council  
Job Number: BK336



Figure A.8 - consultation board 6

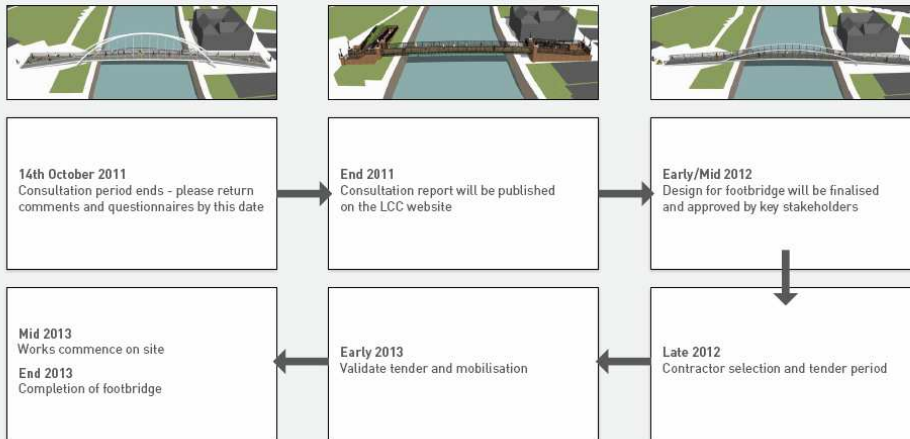


**Figure A.9 - consultation board 7**



**Figure A.10 - consultation board 8**

ST BOTOLPH'S FOOTBRIDGE PUBLIC CONSULTATION: WHAT HAPPENS NEXT?



**How will my views be used and what happens next?**  
 Your comments are important to us and the purpose of this consultation is to receive your feedback to help us determine the most suitable replacement for the St Botolph's Footbridge.  
 Once we have collated all the feedback and comments of the designs during the consultation period, we will then further develop the detail based on the chosen design.

**How can I find out more?**  
 Complete a questionnaire at the exhibition or online by 14th October 2011.  
 Write or email your views to:  
 Boston Footbridge Team, Lincolnshire County Council, Technical Services Partnership,  
 Witham Park House, Waterside South, Lincoln, LN5 7JN or  
 bostonfootbridge@lincolnshire.gov.uk  
 Call and ask to speak to a member of the team on 01522 782070  
 Follow the scheme on the website: [www.lincolnshire.gov.uk/bostonfootbridge](http://www.lincolnshire.gov.uk/bostonfootbridge)



Figure A.11 - consultation board 9

The benefits of replacing St Botolph's footbridge are as follows:

- ✓ Improve views of the surrounding environment
- ✓ Eliminate existing footbridge maintenance issues
- ✓ Improve accessibility by the introduction of new ramps and/or stairs at the end of the structure making it easily accessible to wheelchair users, dismantled cyclists, families using prams or pushchairs and mobility scooters
- ✓ Opportunity to replace the existing footbridge with something more suitable to the surroundings to enhance the area
- ✓ Develop a landmark gateway to the town centre
- ✓ Provide an improved view of the river and of St Botolph's Church

How can I find out more and get involved?

Come and talk to the team at the public exhibitions:  
**Len Medlock Centre, Boston (next to the bus station)**  
 Wednesday 14th September – 10:00-16:30  
 Thursday 15th September – 14:00-19:00

Complete a questionnaire at the exhibition or online by 14th October.

Follow the scheme on the website:  
[www.lincolnshire.gov.uk/bostonfootbridge](http://www.lincolnshire.gov.uk/bostonfootbridge)

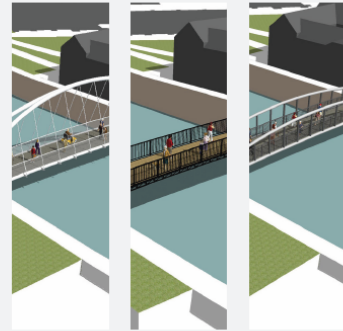
Write or email your views to:

Boston Footbridge Team,  
 Lincolnshire County Council,  
 Technical Services Partnership,  
 Witham Park House, Waterside South,  
 Lincoln, LN5 7JN or

[bostonfootbridge@lincolnshire.gov.uk](mailto:bostonfootbridge@lincolnshire.gov.uk)

Call and ask to speak to a member of the team on 01522 782070

## St Botolph's Footbridge, Boston



Lincolnshire County Council is working alongside Boston Borough Council on the replacement of St Botolph's Footbridge in Boston. We are currently consulting with members of the public on the footbridge designs. The new footbridge will be jointly funded by Lincolnshire County Council and a successful 'Routes Not Barriers' bid for European funding, of which this bridge is just one element. The new bridge will be in place by the end of 2013 and we would like your views on the designs.



Figure A.12 – leaflet (page 1)

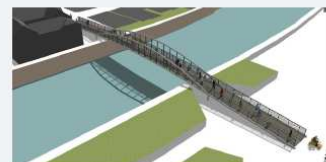
Option 1: Bowstring



Option 2: Traditional



Option 3: Low Bowstring Truss



Footbridge designs by



Figure A.12 – leaflet (page 2)

## St Botolph's Footbridge: Tell us your views

### Please complete one questionnaire per individual

We are here to present three footbridge options, and we would like your views on each one so we can choose a final footbridge design. Please take a few minutes to complete this questionnaire or return it to us by 14th October 2011.

#### Q1. How often do you use St Botolph's Footbridge?

- Daily     
  Several times a week     
  Once a week     
  Fortnightly  
 Monthly     
  Less Frequently     
  Never

#### Q2. What kind of footbridge user are you?

- Pedestrian   
  Wheelchair   
  Pushchair   
  Dismounted Cyclist   
  Mobility Vehicle   
  Other

#### Q3 Please indicate your views on each of the footbridge designs: (by ticking one box on each line)

|                        | Strongly Support | Support | Unsure | Oppose | Strongly Oppose |
|------------------------|------------------|---------|--------|--------|-----------------|
| 1. Bowstring           |                  |         |        |        |                 |
| 2. Traditional         |                  |         |        |        |                 |
| 3. Low Bowstring Truss |                  |         |        |        |                 |

#### Q4. Please indicate your views on each of the following footbridge design features by putting a '0 to 3' in each box: (0 = poor, 1 = acceptable, 2 = good and 3 = very good)

|                        | Shape of footbridge | Ramp/Steps | Lighting |
|------------------------|---------------------|------------|----------|
| 1. Bowstring           |                     |            |          |
| 2. Traditional         |                     |            |          |
| 3. Low Bowstring Truss |                     |            |          |

#### Q5. Please indicate your preferred colour for the footbridge: (Please write one preferred colour for each footbridge below)

|                        | Preferred colour for the footbridge |
|------------------------|-------------------------------------|
| 1. Bowstring           |                                     |
| 2. Traditional         |                                     |
| 3. Low Bowstring Truss |                                     |

Figure A.13 – questionnaire (page 1)

**Q6. Please indicate your preferred colour for the footbridge deck:**  
(by ticking one box on each line)

|                        | Beige | Dark Grey |
|------------------------|-------|-----------|
| 1. Bowstring           |       |           |
| 2. Traditional         |       |           |
| 3. Low Bowstring Truss |       |           |

**Q7. Please indicate two of your preferred materials for the footbridge:**

|            | Steel | Glass | Brick | Stone |
|------------|-------|-------|-------|-------|
| Footbridge |       |       |       |       |

**Q8. How important is the duration of the construction phasing?**

|            | Very important | Important | Not very important | Don't know |
|------------|----------------|-----------|--------------------|------------|
| Footbridge |                |           |                    |            |

**Q10. I would feel safer using a new footbridge**

Strongly Agree    Agree    Neutral    Disagree    Strongly Disagree

**Q11. If there are any specific comments you wish to make about the proposed footbridge designs please enter them in the box below. If you need more space please use a separate sheet.**

In order for us to analyse your response, please provide your name and postcode. Please note that this information will remain confidential in accordance with the requirements of the Data Protection Act 1998.

**Are you replying:**    As an individual    As a business   Post Code: \_\_\_\_\_

**Equality Monitoring Questions**

Lincolnshire County Council believes it has a leading role to play in promoting equality and diversity; we are committed to putting you, our customers at the heart of what we do. Listed below you will find some optional questions relating to you. Answering them will help us better understand our customers and their needs, and ensure that we collect a truly representative sample of the population of our survey. Data Protection Act 1998 and will be used solely for the purpose of service improvement.

If you are replying on behalf of an organisation you do not need to complete these Equality Monitoring questions.

**What is your gender?**    Male    Female

**What was your age on your last birthday?**    Under 16    16-24    25-44    45-64    65-84    85+

**Do you consider yourself to have any disability, long-term illness or health problems that limit your daily activities?**

Yes    No    Prefer not to say

Thanks for taking the time to complete this questionnaire.

Please post your completed questionnaire in the prepaid envelope by 14th October 2011.

If you have any questions please write to us: Boston Footbridge Team, Witham Park House, Waterside South, Lincoln, LN5 7JN

Email us at: [bostonfootbridge@lincolnshire.gov.uk](mailto:bostonfootbridge@lincolnshire.gov.uk) or Telephone us at: 01522 782070

To keep up to date with developments of the footbridge, please visit our website: [www.lincolnshire.gov.uk/bostonfootbridge](http://www.lincolnshire.gov.uk/bostonfootbridge)

Figure A.13 – questionnaire (page 2)