

**2006 No. 2503**

**HIGHWAYS, ENGLAND**

**The Stockton-on-Tees Borough Council North Shore  
Development (North Shore Footbridge) Scheme 2006  
Confirmation Instrument 2006**

*Made - - - - - 7th September 2006*

*Coming into force in accordance with article 1*

The Secretary of State for Transport makes this Instrument in exercise of powers conferred by section 106(3) of the Highways Act 1980(a) and now vested in him(b):

1. This Instrument may be cited as The Stockton-on-Tees Borough Council North Shore Development (North Shore Footbridge) Scheme 2006 Confirmation Instrument 2006 and shall come into force on the date on which notice that it has been confirmed is first published in accordance with paragraph 1 of Schedule 2 to the Highways Act 1980.

2. The Stockton-on-Tees Borough Council North Shore Development (North Shore Footbridge) Scheme 2006 (“the Scheme”) is hereby confirmed without modifications.

3. The Scheme as confirmed is set out in the Schedule hereto (including the plan) and copies of the Scheme with its accompanying plan are deposited at the offices of the Department for Transport, Floor 13 (IMD), Ashdown House, St Leonards on Sea, Hastings, East Sussex, TN37 7GA, and at the offices of Stockton-on-Tees Borough Council, Municipal Buildings, Church Road, Stockton-on-Tees, TS18 1LD.

Signed by authority of the Secretary of State for Transport

7th September 2006

*J. Blackie*  
Regional Director  
Government Office for the North East

---

(a) 1980 c. 66.  
(b) S.I. 1981/238.

## THE SCHEDULE

### THE STOCKTON-ON-TEES BOROUGH COUNCIL NORTH SHORE DEVELOPMENT (NORTH SHORE FOOTBRIDGE) SCHEME 2006

The Council of the Borough of Stockton-on-Tees (hereinafter referred to as “the Council” make this Scheme in exercise of their powers under section 106(3) of the Highways Act 1980 and all powers enabling them in that behalf.

1. The Council are authorised to construct over the navigable waters of the River Tees upstream of the Tees Barage the bridge specified in the Schedule to this Scheme as part of the highway which they are proposing to construct between the South Bank of the River Tees from Grid Point Reference 445396.059-518973.193 to the North Bank of the River Tees Grid Point Reference 445427.520-519150.422.

2. The Scheme may be cited as The Stockton-on-Tees Borough Council North Shore Development (North Shore Footbridge) Scheme 2006.

Given under the common seal of the Council on the 9th day of May 2006

EXECUTED as a Deed by  
Affixing THE COMMON  
SEAL OF THE COUNCIL OF  
THE BOROUGH OF  
STOCKTON-ON-TEES  
in the presence of

Authorised Officer

## THE SCHEDULE TO THE SCHEME

1. The North Shore footbridge forms an important footpath-cycleway link between the proposed North Shore Development and the existing Teesdale site on the South Bank of the River Tees.

2. The specification of the Structure is as follows:

### **Plan and Specification to the North Shore Footbridge**

The location and general design of the footbridge are shown on the Plan being Job No. 114 Drawing No. 2000 Rev 2 and marked “The Stockton-on-Tees Borough Council North Shore Development (North Shore Footbridge) Scheme 2006” (hereinafter referred to as “the Plan”).

### **Points of Commencements and Termination**

From setting out point Reference SA1 on the South Bank (approximately 107.5 metres from the centre of the University Boulevard Harvard Avenue roundabout) to setting out point Reference NA1 on the North Bank (approximately 56.1 metres from the centre line of the North Shore Road) as indicated on the Plan.

### **Span**

Two spans with an overall distance of 180 metres.

### **Headway**

Not less than 8.0 metres above the Mean Water Level of the River Tees of 2.65 metre AOD within the 62 metre Central Navigation Channel and a minimum of 7.0 metres elsewhere over the river. A minimum headway of 4.0 metres over a 5.0 metre width on the Northbank Promenade, and a minimum headway of 4.0 metres over a 7.5 metre width on the South Bank Promenade.

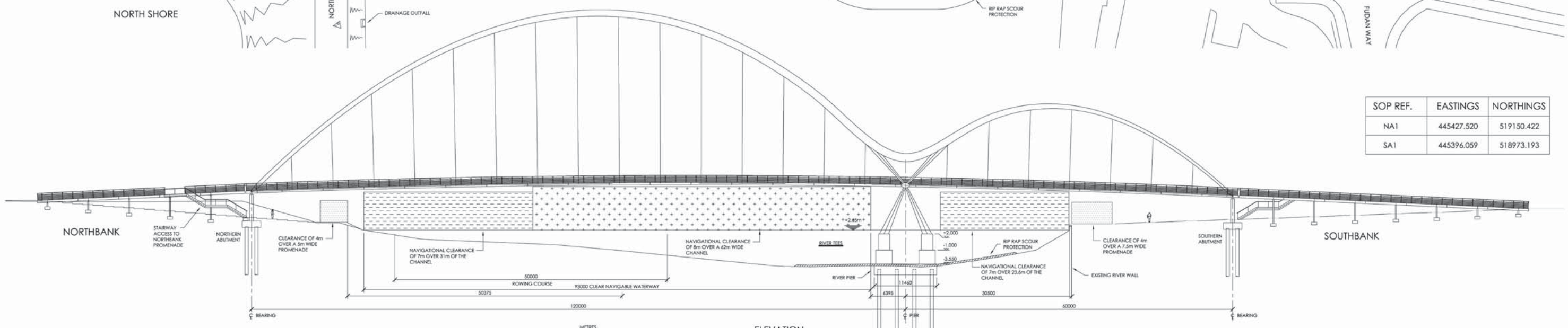
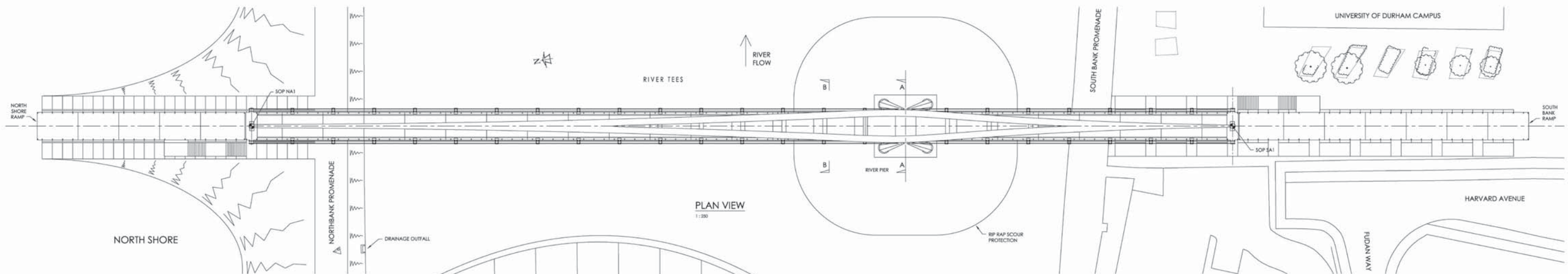
### **Waterway**

A minimum clear navigable waterway of 93 metres.

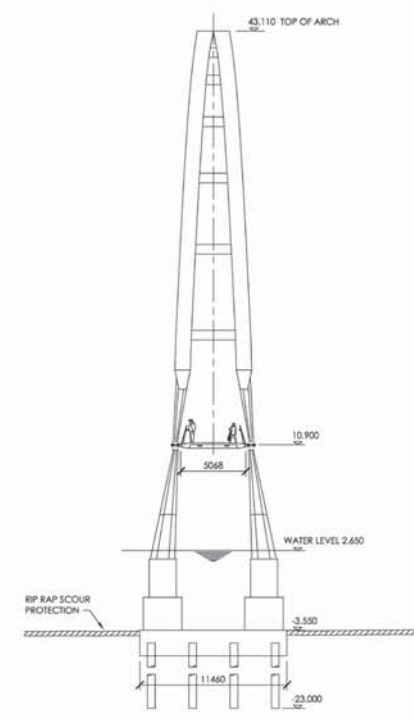
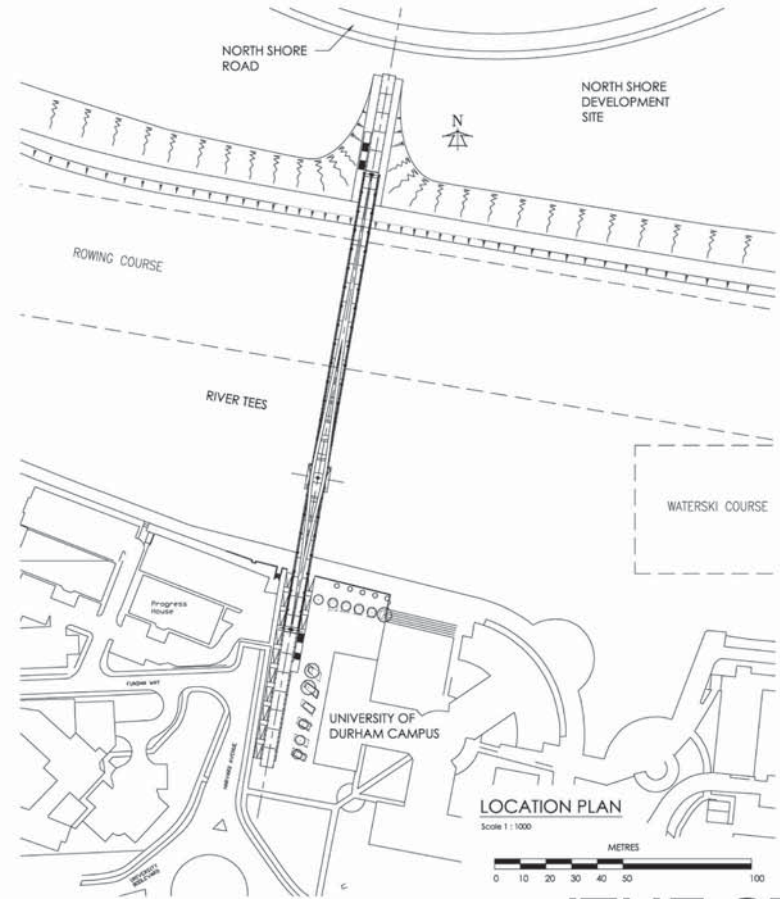
### **Overall Dimensions**

The Bridge is designed as an asymmetrical tied double arch. The northern arch will have a span of 120 metres and the southern arch will have a span of 60 metres. A 5.0 metre wide reinforced concrete deck which will provide a footway is suspended on high strength steel cables from the arch. Approach spans comprising a 5.0 metre wide concrete deck on reinforced concrete columns of varying heights are to be constructed on the north and south sides of the main structure.





SOP REF.	EASTINGS	NORTHINGS
NA1	445427.520	519150.422
SA1	445396.059	518973.193



**SCHEDULE TO THE SCHEME**

**POINTS OF COMMENCEMENT AND TERMINATION**  
 FROM SA1 ON THE SOUTH BANK (APPROX. 107.5m FROM THE CENTRE OF THE UNIVERSITY BOULEVARD / HARVARD AVENUE ROUNDABOUT) TO NA1 ON THE NORTH BANK (APPROX. 56.1m FROM THE CENTRELINE OF THE NORTH SHORE ROAD).

**SPANS**  
 TWO SPANS

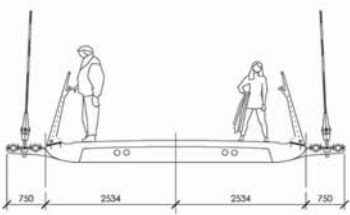
**HEADWAY**  
 NOT LESS THAN 8.0m ABOVE THE MEAN WATER LEVEL OF THE RIVER TEES OF 2.65m AOD WITHIN THE 62m CENTRAL NAVIGATIONAL CHANNEL AND A MINIMUM HEADWAY OF 7.2m ELSEWHERE OVER WATER. MINIMUM HEADWAY OF 4m OVER THE PROMENADE.

**WATERWAY**  
 A MINIMUM CLEAR NAVIGABLE WATERWAY OF 93m.

**OVERALL DIMENSIONS**  
 THE BRIDGE IS DESIGNED AS AN ASYMMETRIC TIED DOUBLE ARCH. THE NORTHERN ARCH WILL HAVE A SPAN OF 120m AND THE SOUTHERN ARCH WILL HAVE A SPAN OF 60m. A 5m WIDE REINFORCED CONCRETE DECK WHICH WILL PROVIDE A FOOTWAY IS SUSPENDED ON HIGH STRENGTH STEEL CABLES FROM THE ARCH. THE OVERALL LENGTH OF THE BRIDGE STRUCTURE IS 180m.

**NOTES**

- ALL DIMENSIONS ARE IN MM UNLESS SHOWN OTHERWISE.
- ALL LEVELS ARE IN M ABOVE ORDNANCE DATUM.
- THE TARGET WATER LEVEL IN THE TEES IS 2.65m AOD (+/- 0.2m).
- THE 1:100 YEAR FLUVIAL FLOOD UPSTREAM OF THE BARRAGE COINCIDENT WITH MEAN HIGH WATER SPRING TIDE DOWNSTREAM OF THE BARRAGE (i.e. MINIMUM OUTFLOW) IS PREDICTED TO BE 3.52m AOD AT THE BRIDGE. A COMBINATION OF THE 1:200 YEAR TIDAL EVENT WITH NORMAL FLUVIAL FLOWS PREDICTS LEVELS OF 4.09m AOD AT THE BRIDGE.



THIS MAP IS REPRODUCED FROM ORDNANCE SURVEY MATERIAL WITH THE PERMISSION OF ORDNANCE SURVEY ON BEHALF OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE (C) CROWN COPYRIGHT. UNAUTHORISED REPRODUCTION INFRINGES CROWN COPYRIGHT AND MAY LEAD TO PROSECUTION OR CIVIL PROCEEDINGS. ENGLISH PARTNERSHIPS GD 1000187/68

3 FOR STATUTORY CONSULTS  
 1 FOR STATUTORY CONSULTS  
 0 FOR STATUTORY CONSULTS  
 issued for purpose indicated date

Client  
 English Partnerships  
 Tees Valley  
 Stockton-on-Tees

expedition  
 expedition engineering limited  
 Marley House, First Floor, 320 Regent St, London, W1B 3BB  
 T: +44 (0) 20 7307 1000  
 F: +44 (0) 20 7307 1001  
 w: www.expedition-engineering.com  
 e: email@expedition-engineering.com

Spence Associates  
 362-366 Edgware Road  
 London W6 7EB  
 T: +44 (0)20 7234 0294  
 F: +44 (0)20 7402 4023  
 E: post@spenceassociates.co.uk  
 W: spenceassociates.co.uk

Project **NORTH SHORE FOOTBRIDGE STOCKTON ON TEES**  
 Title **BRIDGE ORDER DRAWING AND SCHEDULE TO THE SCHEME**

Scales **AS SHOWN @ A0** Date **12/01/05**  
 Drawn **BP** Chk'd **EMcC**  
 Job No. **114**  
 Drg No. **200** Rev **2**

**'THE STOCKTON-ON-TEES BOROUGH COUNCIL NORTH SHORE DEVELOPMENT (NORTH SHORE FOOTBRIDGE) SCHEME 2006'**

**2006 No. 2503**

**HIGHWAYS, ENGLAND**

**The Stockton-on-Tees Borough Council North Shore  
Development (North Shore Footbridge) Scheme 2006  
Confirmation Instrument 2006**

£3.00

© Crown copyright 2006

Printed and published in the UK by The Stationery Office Limited  
under the authority and superintendence of Carol Tullo, Controller of  
Her Majesty's Stationery Office and Queen's Printer of Acts of Parliament.  
E1130 9/2006 161130 19585