

2004 No. 123

ROADS AND BRIDGES

**The Angus Council A92 Montrose Bridge Replacement Bridge
Scheme 2003 Confirmation Instrument 2004**

Made - - - - *11th March 2004*

Coming into force - - *12th March 2004*

The Scottish Ministers, in exercise of the powers conferred by section 75(3)(a) of the Roads (Scotland) Act 1984(a) and of all other powers enabling them in that behalf, after having given due consideration to the reasonable requirements of navigation in accordance with section 76(1) of the said Act and having complied with the provisions of Part II of Schedule 1 to the said Act(b), hereby make the following Instrument:

Citation, commencement and interpretation

1. This Instrument may be cited as the Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003 Confirmation Instrument 2004 and shall come into force on 12th March 2004.

2. In this Instrument “the Scheme” means the Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003.

Confirmation of the scheme

3. The Scheme is confirmed.

4. The Scheme as confirmed, the specification of the replacement bridge and the specification of the temporary bridge are set out in the Schedule to this Instrument.

KENNETH HOGG

A member of the staff of the Scottish Ministers

Victoria Quay,
Edinburgh
11th March 2004

(a) 1984 c.54. The functions of the Secretary of State were transferred to the Scottish Ministers by virtue of section 53 of the Scotland Act 1998 (c.46).

(b) Part II of Schedule 1 was amended by the Local Government etc. (Scotland) Act 1994 (c.39), Schedule 13, paragraph 135(11)(b), by regulation 52 of the Environmental Impact Assessment (Scotland) Regulations 1999 (S.S.I. 1999/1) and by the Water Industry (Scotland) Act 2002 (asp 3), Schedule 7, paragraph 14(6)(a).

SCHEDULE

Regulation 4

ANGUS COUNCIL

ROADS (SCOTLAND) ACT 1984

THE ANGUS COUNCIL A92 MONTROSE BRIDGE REPLACEMENT BRIDGE SCHEME 2003

Angus Council, in exercise of the powers conferred on them by Section 75(3)(a) of the Roads (Scotland) Act 1984, and all other powers enabling them in that behalf, hereby make the following Scheme:

1. This Scheme may be cited as the “The Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003”.
2. Angus Council, as roads authority for the area of Angus, is hereby authorised to construct, as part of a public road, a replacement bridge along the line of the existing bridge described in Schedule 1 hereto over the navigable waters of the River South Esk by means of this Scheme, in accordance with Schedule 1 hereto and the road carried by such a replacement bridge shall become a public road on the date the said road is open to traffic.
3. Angus Council, as roads authority aforesaid, is hereby authorised to construct, as part of a public road, a temporary bridge, upstream of the existing bridge described in Schedule 2 hereto over the navigable waters of the River South Esk by means of this Scheme in accordance with Schedule 2 hereto and the road carried by such a temporary bridge shall become a public road on the date the said road is open to traffic.

SCHEDULE 1 TO THE SCHEME

SPECIFICATION OF REPLACEMENT BRIDGE OVER THE RIVER SOUTH ESK, MONTROSE

Points of Commencement and Termination

The replacement bridge will be constructed on the line of the existing A92 road bridge for a length of 146 metres or thereby from Bridge Street to Rossie Island Road as shown delineated in red on drawing no. 405 entitled “The Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003 Replacement Bridge Location Plan” annexed and executed as relative hereto.

Span

The replacement bridge will consist of 3 spans, a central span of 66 metres, and 2 side spans each of 40 metres shown on drawing no. 841526/03/2/1101/Rev.8 entitled “The Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003” annexed and signed as relative hereto.

Headway

Free headway above the 66 metre wide central span is shown on the said drawing no. 841526/03/2/1101/Rev.8 and will form the existing navigable channel of the River South Esk.

Waterway

The bridge is a perpendicular crossing, navigation channel 66 metres width as shown on the said drawing no. 841526/03/2/1101/Rev.8.

SCHEDULE 2 TO THE SCHEME

SPECIFICATION OF TEMPORARY BRIDGE OVER THE RIVER SOUTH ESK, MONTROSE

Points of Commencement and Termination

The temporary bridge will be located 10m to the west (upstream side) of the existing bridge for a length of 170 metres or thereby from Bridge Street to Esk Road as shown delineated in red on the said drawing no. 406 entitled “The Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003 Temporary Bridge Location Plan”.

Public traffic will be diverted on to this bridge in advance of the demolition of the existing 1931 bridge. On completion of the replacement bridge, the public traffic will be transferred to the replacement bridge and the temporary bridge will be taken down.

It is envisaged that the temporary bridge will be in place for 12 months.

Span

The temporary bridge will consist of 14 no.12 metre spans shown on drawing no. E/E02010/10/Rev.D entitled “The Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003 Temporary Bridge” annexed and signed as relative hereto.

Headway

Free headway above the 12 metre wide spans is shown on the said drawing no. E/E02010/10/Rev.D and will form the temporary navigable channel of the River South Esk.

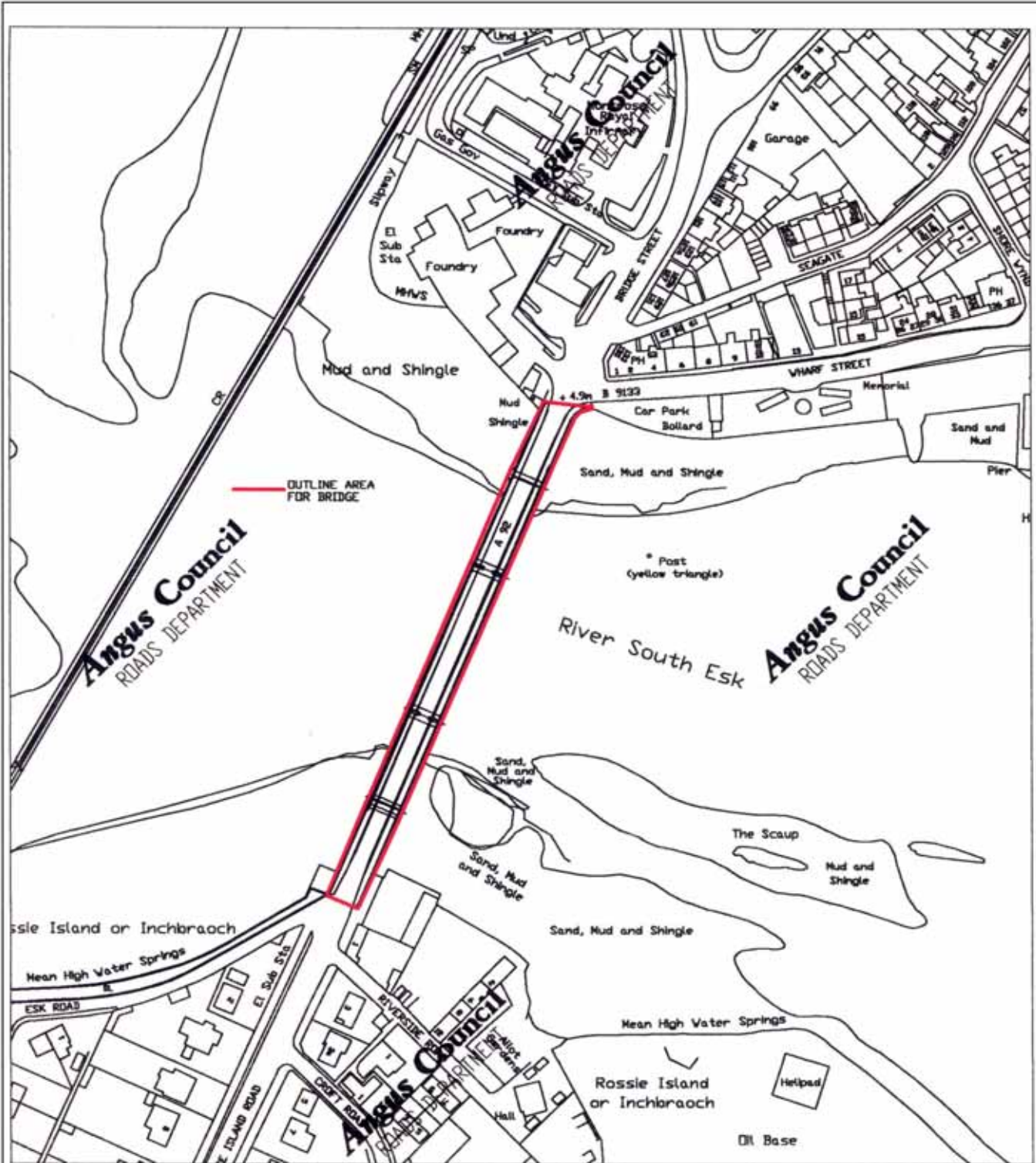
Waterway

The bridge is a perpendicular crossing, navigation channel 12 metres width as shown on the said drawing no. E/E02010/10/Rev.D.

EXPLANATORY NOTE


(This note is not part of the Instrument)

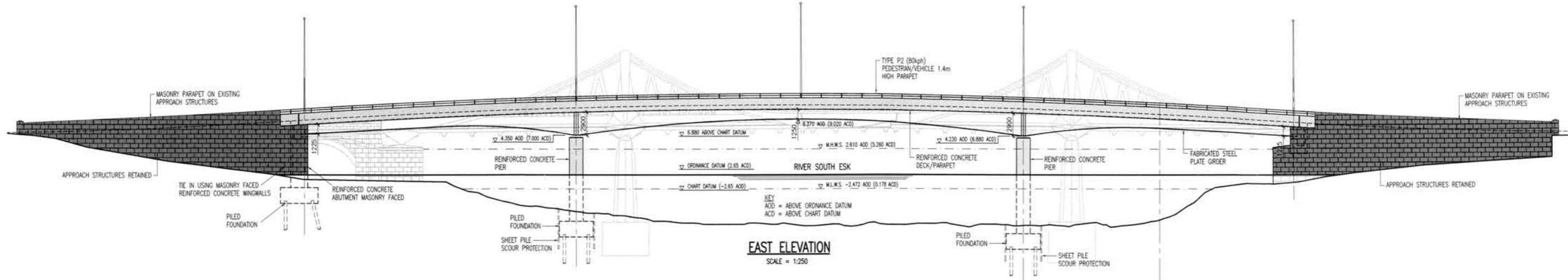
This Instrument confirms the Angus Council A92 Montrose Bridge Replacement Bridge Scheme 2003. Copies of the Scheme and the accompanying plans have been deposited and may be inspected during business hours at the Planning Department Reception, Angus Council, St. James House, St. James Road, Forfar and at Montrose Library, 216 High Street, Montrose.



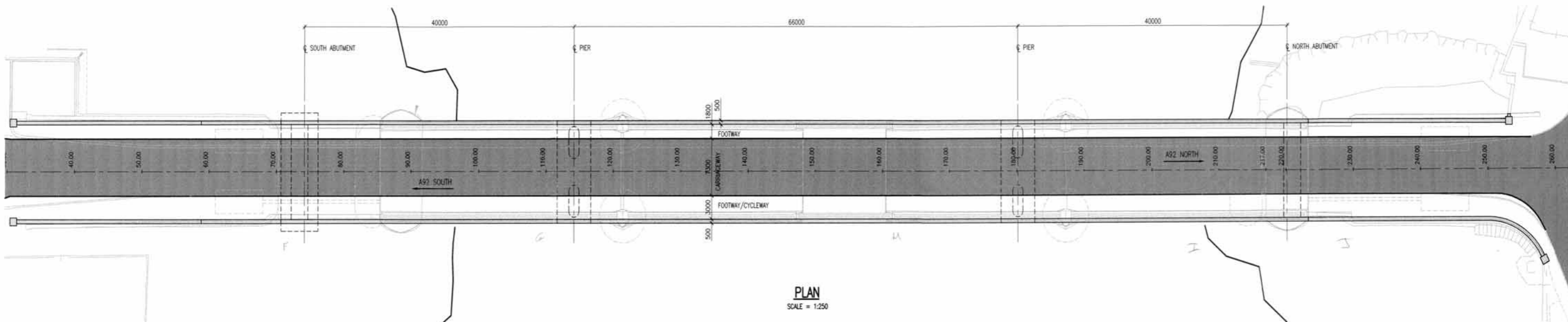
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Rev.	Date	Description	Drawn	Checked	Approved
A	AUG.03	DRAWING TITLE AMENDED	ES	SP	SP

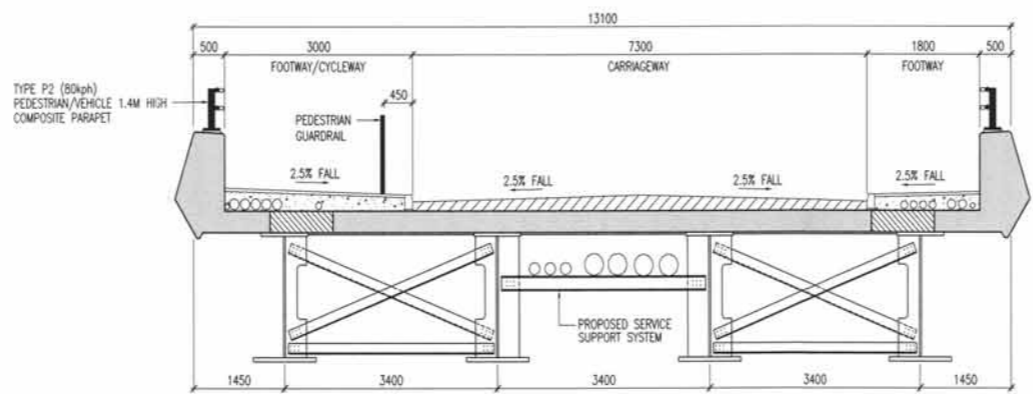
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Drawn by: ES	Checked By: SP	Approved By: SP		Project Title: THE ANGUS COUNCIL : A92 MONTROSE BRIDGE REPLACEMENT BRIDGE SCHEME 2003		
Date: 16/7/03	Date: 16/7/03	Date: 16/7/03		Project No: 231000006	Drawing No: 405	Revision: A
Issue: INFORMATION			Path & Filename: f:\eda\project specific files\092 montrose bridge replacement\drawings\planning			



EAST ELEVATION
SCALE = 1:250



PLAN
SCALE = 1:250



TYPICAL CROSS SECTION AT TYPE A BRACING
SCALE = 1:50

NOTES
1. ALL DIMENSIONS ARE SQUARE DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES ABOVE RELEVANT DATUM.

Angus Council
ROADS DEPARTMENT
Engineer-Director of Roads, Angus Council
County Buildings
Market Street
Forfar
DD8 3WR
Tel: 01307 461460
Fax: 01307 473388

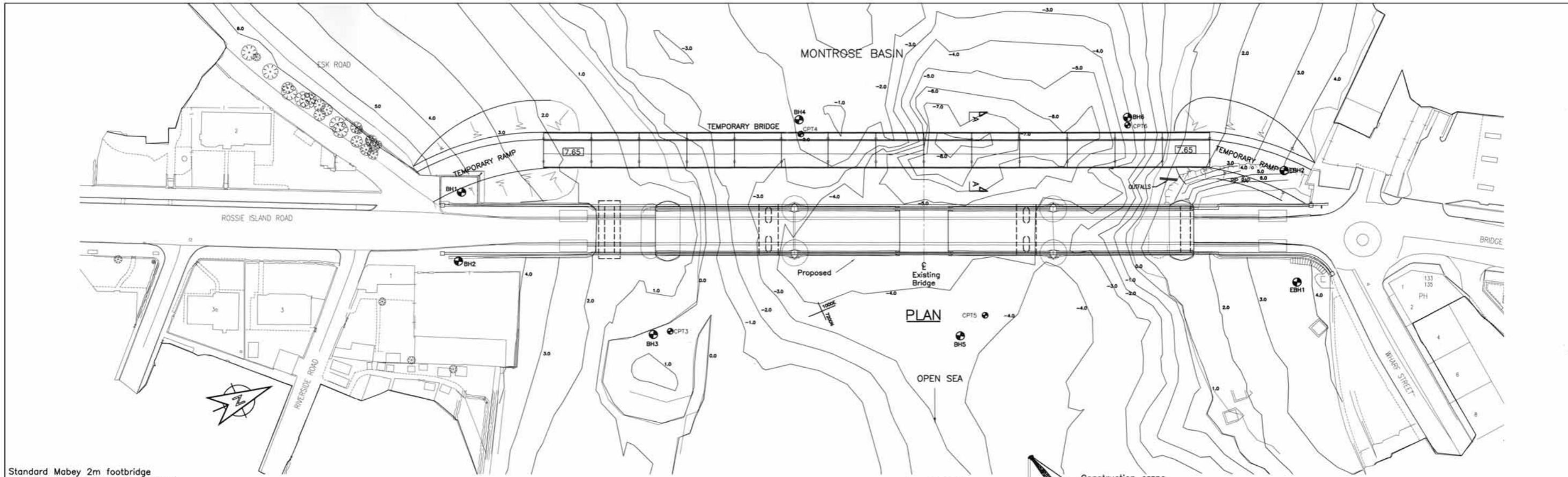
Contractor
Balfour Beatty
Civil Engineering

PROJECT
**THE ANGUS COUNCIL:
A92 MONTROSE BRIDGE REPLACEMENT
BRIDGE SCHEME 2003**

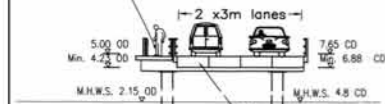
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6	DRAWING TITLE AMENDED	BBMD	ARW	ARW	4/6/03	CHECKED	B. DUNCAN
5	FOOTWAY/CYCLEWAY DIMENSIONS AMENDED	BBMD	ARW	ARW	6/5/03	DATE	16:01:03
4	DRAWING DATE AMENDED TO PLANNING ROLE	ARW	ARW	ARW	28/4/03	APPROVED	A. WEBB
3	INFLUOR BEATH LOGO AMENDED	BBMD	ARW	ARW	16/4/03	DATE	16:01:03
2	COLOR MARKS ADDED	BBMD	ARW	ARW	17/3/03	DATE	16:01:03
1	DRAWING ISSUED AMENDED CROSS FALLS ADDED, PARAPET, INFLUOR & FOOTWAY TEST AMENDED	BBMD	DCE	DCE	26/2/03	DATE	16:01:03
REV	AMENDMENTS	BY	CHKD	APRD	DATE	ORIGINAL DRAWING SIZE 594 x 841 - A1	

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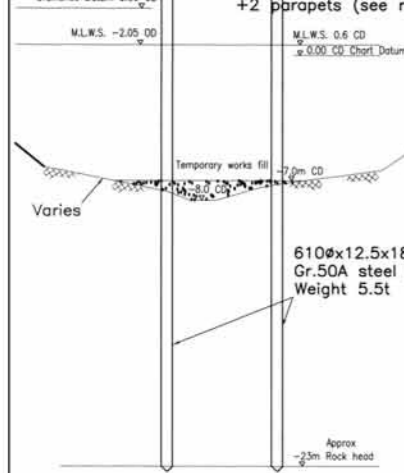
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**THE ANGUS COUNCIL
A92 MONTROSE BRIDGE
REPLACEMENT
BRIDGE SCHEME 2003**
SCALE
As Shown
DRAWING NO.
841526/03/2/1101
REV
8



Standard Mabey 2m footbridge used for 1.2m footpath + services

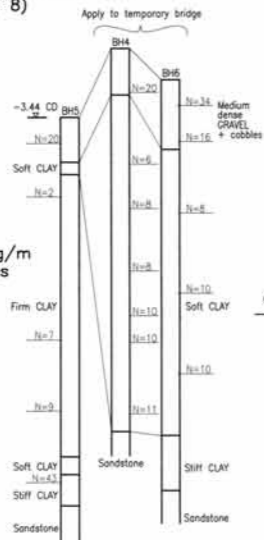


4 No. Mabey Flat-Top Quickbridge units + 2 parapets (see note 8)

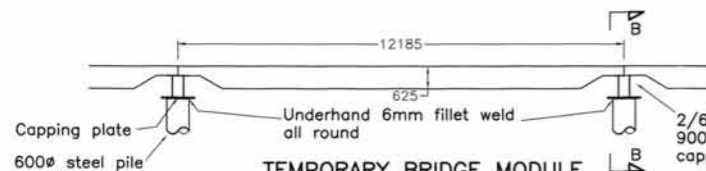


A-A (1:200)

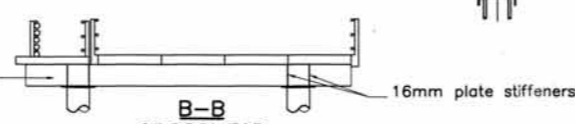
BOREHOLE LOGS (1:200)



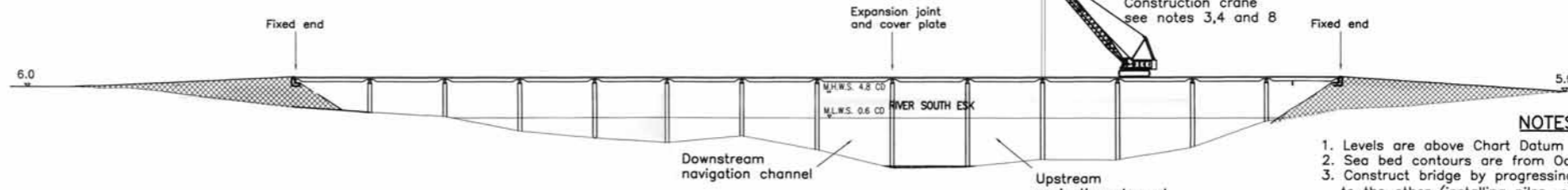
TEMPORARY BRIDGE MODULE ELEVATION (1:100)



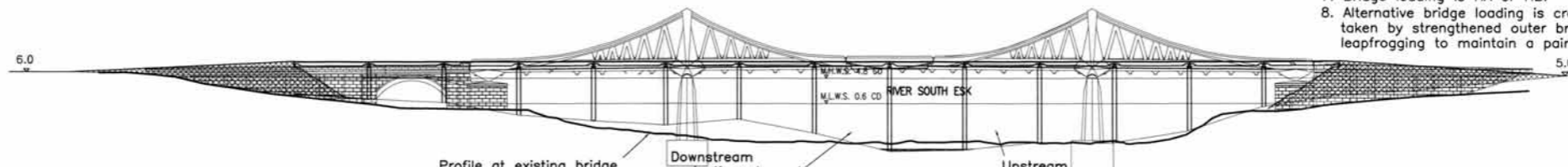
B-B CROSSHEAD (1:100)



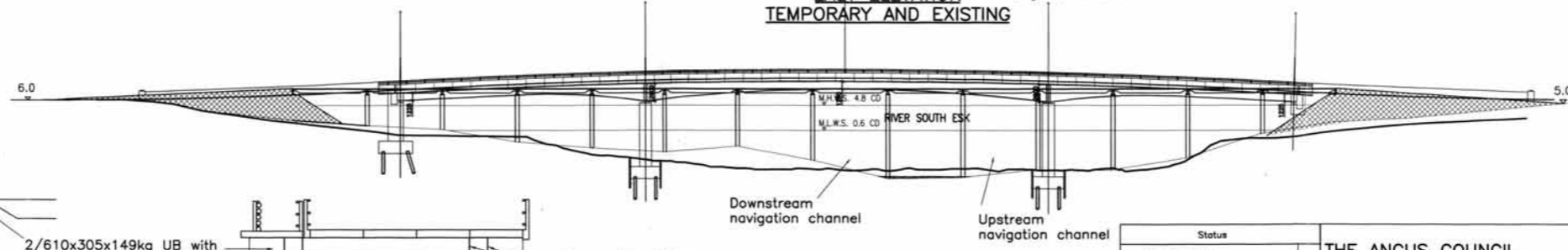
EAST ELEVATION TEMPORARY



EAST ELEVATION TEMPORARY AND EXISTING



EAST ELEVATION TEMPORARY AND PROPOSED



NOTES

1. Levels are above Chart Datum (-2.65 O.D.) or O.D. if noted.
2. Sea bed contours are from Oct 2000 bathymetric survey.
3. Construct bridge by progressing from one end to the other (installing piles, crossheads and bridging units) releasing expansion joint on completion.
4. Remove bridge by reverse of construction ie. remove bridging units and crossheads, extract piles progressively.
5. To maintain passage of fish, do not work at night or cause significant noise/vibration 2 hours either side of high tide during April to October. (Employer's requirement).
6. Construction and removal crane is 100t crawler (eg Eiger C110).
7. Bridge loading is HA or HB.
8. Alternative bridge loading is crane + pile extraction force (say 20t) taken by strengthened outer bridging units. Supply 4 No. such units leapfrogging to maintain a pair at leading span.

Status	
Working Drawing	
Preliminary	
Preliminary for discussion	
For estimating purposes only	
Other:	

THE ANGUS COUNCIL
A92 MONTROSE BRIDGE REPLACEMENT-BRIDGE SCHEME 2003
TEMPORARY BRIDGE

Reference No	Subject	Maker

H	G	F	E	D	C	B	A
				Navigation title revised: 15.08.03	Navigation channels indicated: ND	New 3 span bridge. Note 8 revised. 2m footbridge unit shown. 04.06.03 ND	Section A-A and borehole log revised. 05.07.02 JST/pb
							Revision 02.07.02 JST/pb
							Date 17.06.02 JST/pb
							Checked by -

Balfour Beatty
Civil Engineering

Dean House
24 Ravelston Terrace
Edinburgh, EH4 3TP

Tel :- 0131 332 9411
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Drawing No. E/E02010/10
Scale 1:500
Revision D

2004 No. 123

ROADS AND BRIDGES

**The Angus Council A92 Montrose Bridge Replacement Bridge
Scheme 2003 Confirmation Instrument 2004**

£5.00

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