STATUTORY INSTRUMENTS

2002 No. 1134

HIGHWAYS, ENGLAND

The Devon County Council (Barnstaple Downstream Bridge) Scheme 2000 Confirmation Instrument 2002

Made - - - - - *17th April 2002*

Coming into force in accordance with article 1

The Secretary of State for Transport, Local Government and the Regions makes this Instrument, in exercise of powers conferred by section 106(3) of the Highways Act 1980(**a**) and now vested in him(**b**) and of all other powers enabling him in that behalf:

1. This Instrument may be cited as The Devon County Council (Barnstaple Downstream Bridge) Scheme 2000 Confirmation Instrument 2002 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 Devon County Council (Barnstaple Downstream Bridge) Scheme 2000 ("the Scheme") is hereby confirmed without modifications.

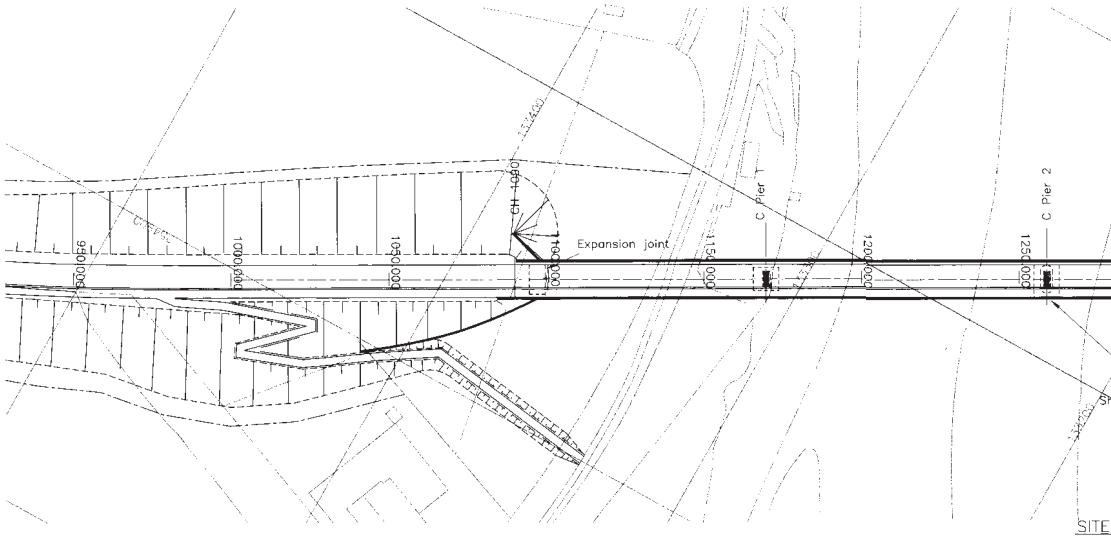
3. The Scheme as confirmed is set out in the Schedule hereto (including the plan) and copies of the Scheme with its accompanying plan are deposited at the offices of the Department for Transport, Local Government and the Regions, Floor 13 (IMD), Ashdown House, St Leonards on Sea, Hastings, East Sussex TN37 7GA, and at the offices of the Devon County Council, County Environment Directorate, Room 512, Fifth Floor, Civic Centre, Barnstaple.

Signed by authority of the Secretary of State
for Transport, Local Government and the Regions

J Blackie
Regional Director
17th April 2002 Government Office for the North East

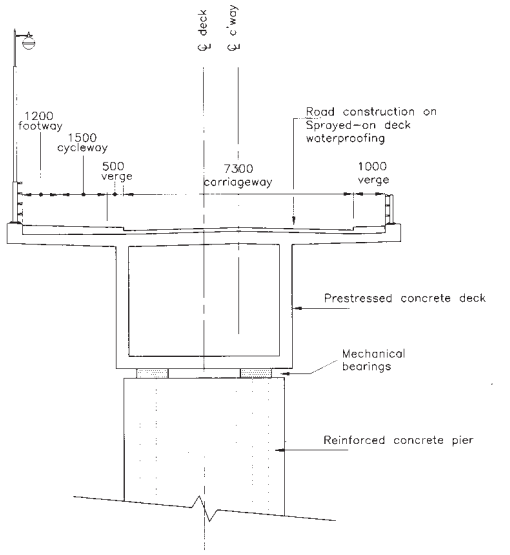
(**a**) 1980 c. 66.
(**b**) SI 1997/2971.

[DOT 7018]



SITE
Scale

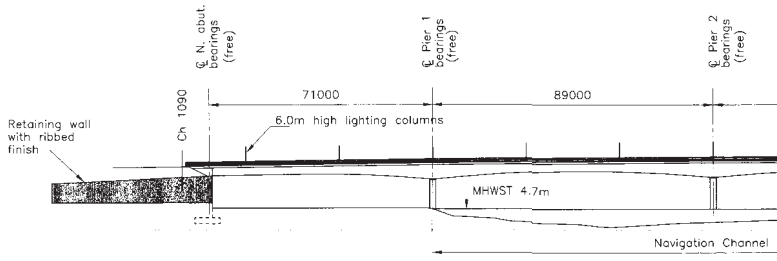
Metres 50 40 30 20 10 0



DECK CROSS SECTION

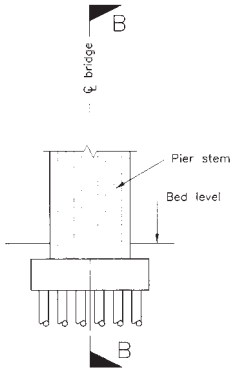
Scale 1:100

Metres 5 4 3 2 1 0 5 10 Metres

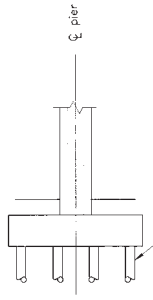


ELEVATION LOO

Scale



Elevation



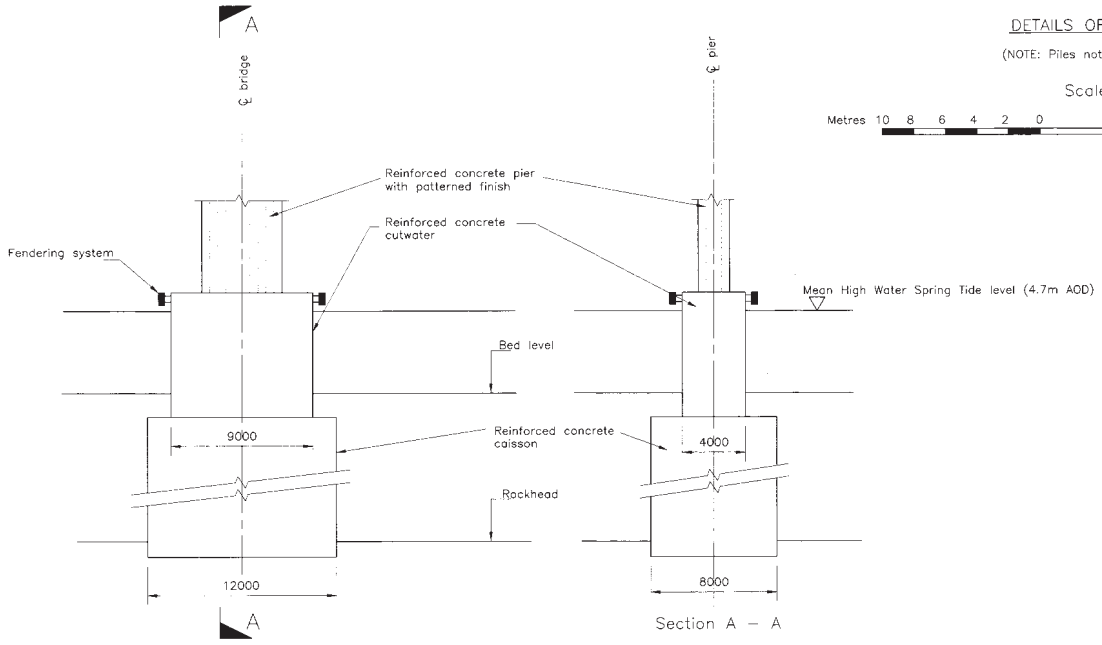
Section B–B

DETAILS OF PIERS 1 & 4

(NOTE: Piles not required for pier 1)

Scale 1:200

Metres 10 8 6 4 2 0 10 20 Metr



Elevation

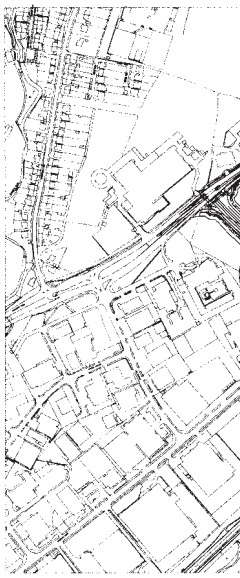
Section A – A

DETAILS OF SHIP-IMPACT PIER (Piers 2 & 3)

(NOTE: The substructure has been designed to withstand a 350 tonne vessel fully laden travelling at 10 knots.)

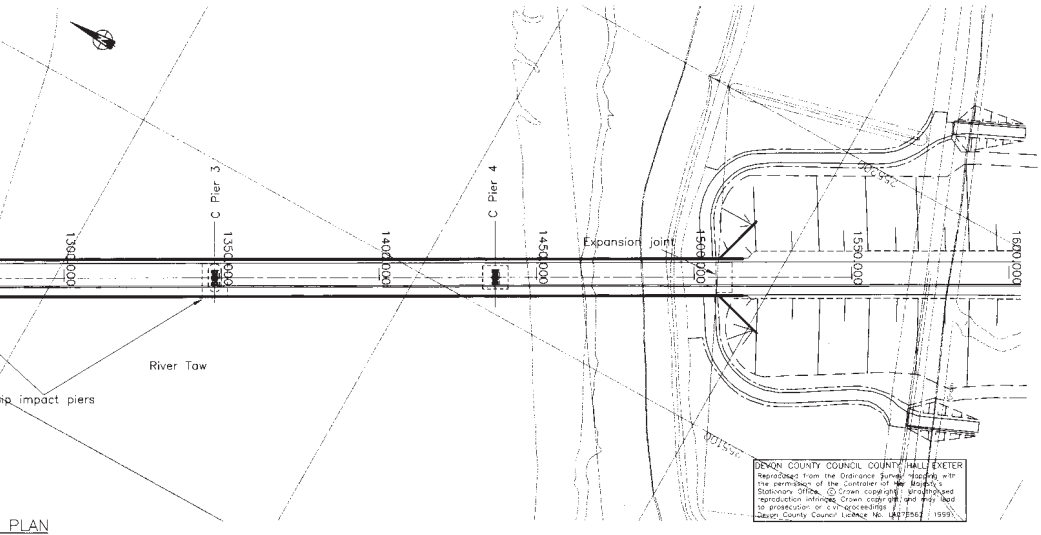
Scale 1:200

Metres 5 4 3 2 1 0 5 10 Metres



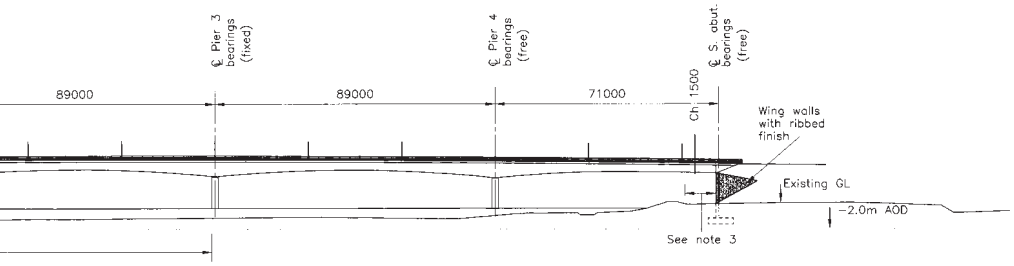
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drawing number B.TAW(3)/16/A



PLAN
1:1000

50 100 Metres



KING UPSTREAM
1:1000

Piled foundations

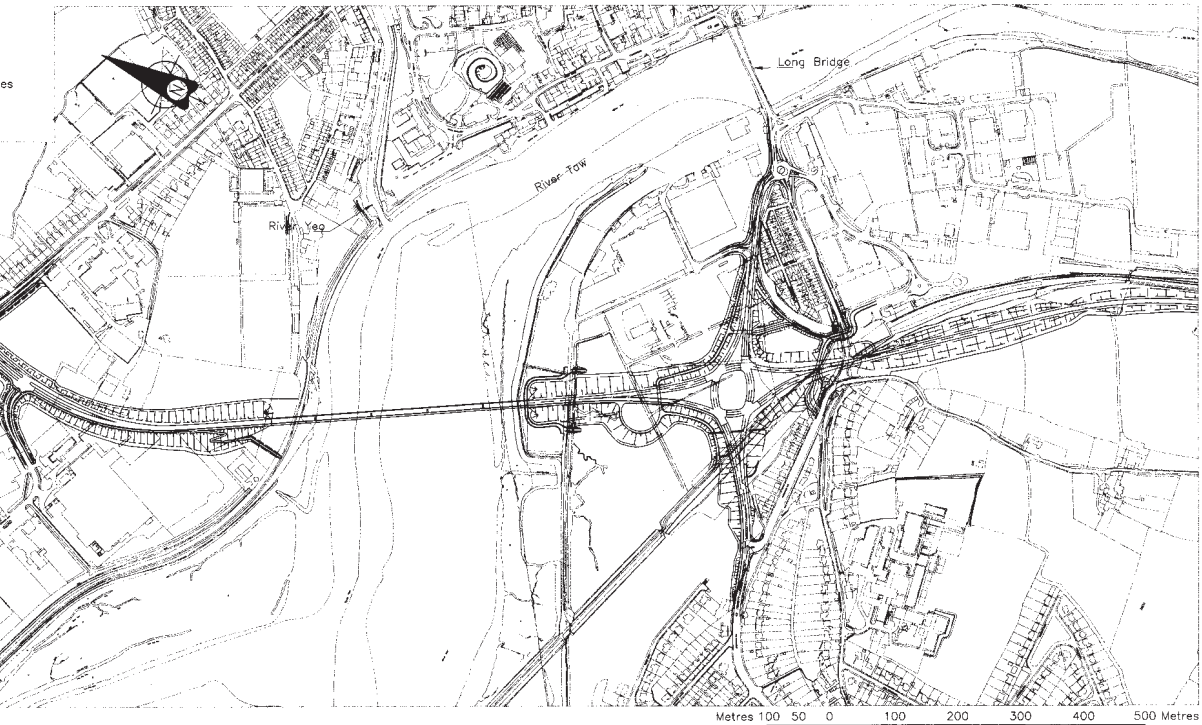
The COMMON SEAL of DEVON COUNTY COUNCIL was affixed in the presence of :-

BRIDGE CLEARANCES (AIR DRAUGHT) AND DRAUGHT

LOCATION	AIR DRAUGHT		DRAUGHT based on 1988 survey	
	1 in 100 FL 6.15m AOD	MHWST 4.7m AOD	1 in 100 FL 6.15m AOD	MHWST 4.7m AOD
Pier 1	8.21m	9.66m	Nil	Nil
Midspan	10.59m	12.04m	6.20m	4.75m
Pier 2	8.88m	10.33m	5.80m	4.35m
Midspan	10.99m	12.44m	4.90m	3.45m
Pier 3	9.00m	10.45m	4.53m	3.08m
Midspan	10.82m	12.27m	4.34m	2.89m
Pier 4	8.56m	10.01m	3.94m	2.49m

1 in 100 FL = Predicted 1 in 100 year flood level

MHWST = Mean high water spring tide.



LOCATION PLAN Scale 1:5000

Metres 100 50 0 100 200 300 400 500 Metres

REVISIONS

no.	date	details
A	20/7/00	Location Plan revised

NOTES

no.	details
1.	Deck construction – prestressed concrete with externally positioned stressing cables.
2.	Pier construction – reinforced concrete leaf-type with patterned finish.
3.	Minimum clearance from toe of flood bank to face of south abutment = 7m

Designer	A.M.B.	Scale(s)	AS SHOWN
Drawn	J.R.P.	Date	20/07/00
Reviewed			

DEVON COUNTY COUNCIL

Edward Chorlton
County Environment Director

Engineering Design Group
Matford Offices
County Hall
Topsham Road
Exeter
EX2 4QW
Telephone 01392 382000
Fax 01392 382342

SCHEME
BARNSTAPLE WESTERN BYPASS

SCHEDULE TO THE DEVON COUNTY COUNCIL (BARNSTAPLE DOWNSTREAM BRIDGE) SCHEME 2000

drawing number B.TAW(3)/16/A

THE SCHEDULE

THE DEVON COUNTY COUNCIL (BARNSTAPLE DOWNSTREAM BRIDGE) SCHEME 2000

The Devon County Council of County Hall, Topsham Road, Exeter, Devon (hereinafter referred to as **"the Council"** makes this Scheme in exercise of their powers under section 106(3) of the Highways Act 1980 and of all other powers enabling them in that behalf:—

1. The Council are authorised to construct over the navigable waters of the River Taw the bridge specified in the Schedule to this Scheme as part of the highway which they are proposing to construct between the A361 Braunton Road, Barnstaple, and the A39 Barnstaple to Bideford Trunk Road at Lake in the Parishes of Barnstaple, Fremington and Tawstock in the said County.

2. This Scheme may be cited as the Devon County Council (Barnstaple Downstream Bridge) Scheme 2000.

Given under the **Common Seal** of the Council on the twenty fifth day of July 2000.

The **COMMON SEAL** of
DEVON COUNTY COUNCIL
was hereunto affixed in the presence of:—

J A Sweeney
Assistant County Solicitor

THE SCHEDULE TO THE SCHEME

PLAN AND SPECIFICATION OF THE BARNSTAPLE DOWNSTREAM BRIDGE

Points of Commencement and Termination

From a point on the northern bank of the River Taw, 340 metres west of the confluence of the River Yeo with the River Taw

To a point on the southern bank of the River Taw at Anchorwood Bank, 650 metres north west of Long Bridge, Barnstaple

Spans

An overall span of 409 metres, comprising 2 spans of 71 metres and three spans of 89 metres

Two spans over the navigation channel of 89 metres each

Headway

At the mid-point of each of the spans over the navigation channel, not less than 12.04 metres above the mean high water spring tide level of 4.7 metres AOD.

Waterway

A minimum clear waterway of 83 metres in the navigation channel

Overall Dimensions

The Bridge will be 12.5 metres wide overall and will carry a 7.3 metres wide carriageway, with a 1 metre wide verge on the eastern side and a 2.7 metres wide segregated footpath/cycleway set back 0.5 metres from the edge of the carriageway on the western side.

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