
STATUTORY INSTRUMENTS

1991 No. 2244

HIGHWAYS, ENGLAND AND WALES

The A406 London North Circular Trunk Road (East London River Crossing (A13 to A2) No. 2 Bridge) Order 1991

Made - - - - 8th October 1991

Coming into force - - 17th October 1991

The Secretary of State for Transport, in exercise of the powers conferred by section 106(1) of the Highways Act 1980⁽¹⁾, and now vested in him⁽²⁾, and having taken into account the reasonable requirements of navigation on the River Thames, hereby makes this Order.

1. The Secretary of State for Transport is hereby authorised to construct as part of the main new trunk road a bridge over the River Thames.

2. The position and dimensions of that proposed bridge are indicated on the plans which form Schedule 1 to this Order, and in the specifications which are set out in Schedule 2 to this Order.

3. In this Order, “the main new trunk road” has the same meaning as in article 1(a) of the A406 London North Circular Trunk Road (East London River Crossing (A13 to A2) Trunk Road and Slip Roads) Order 1988⁽³⁾.

4. This Order shall come into force on 17th October 1991 and may be cited as the A406 London North Circular Trunk Road (East London River Crossing (A13 to A2) No. 2 Bridge) Order 1991.

Signed by authority of the Secretary of State for Transport

8th October 1991

I. Yass
A Grade 3 Officer in the
Department of Transport

(1) 1980 c. 66.
(2) S.I.1979/238.
(3) S.I. 1988/1387.

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SCHEDULE 1

PLANS OF THE PROPOSED ROAD BRIDGE OVER THE RIVER THAMES

PLAN A – PLAN OF BRIDGE

PLAN B – ELEVATION ALONG CENTRE LINE OF BRIDGE

PLAN C – ELEVATION SQUARE TO NAVIGATIONAL CHANNEL BRIDGE ELEVATION —

DRAWING SCALES	ABBREVIATIONS
KEY PLAN –SCALE 1:10 000	O.D. ORDNANCE DATUM
BRIDGE PLAN – 1:2500	CL CENTRE LINE
BRIDGE ELEVATION – 1:2500, 1:1250	

SCHEDULE 2

SPECIFICATIONS OF THE PROPOSED ROAD BRIDGE OVER THE RIVER THAMES

Points of commencement and termination

From a point on the north bank about 231 metres south of the south-west corner of the Beckton Gas Works Storage Building.

To A point about 525 metres east of the west side of the slipway on the old Arsenal site measured from the high water mark.

Spans

The main navigation span of about 240 metres measured square to the river is flanked on both sides by spans of 135 metres and approached on the north side by a viaduct comprising a 45.5 metre span followed by 7 spans of 63 metres and a 78.5 metre span. A similar viaduct arrangement exists on the south side.

Headroom

There will be not less than 46.38 metres headroom above Ordnance Datum (Newlyn), being 42.73 metres above Mean High Water Springs, over a channel width of 183 metres, which will be maintained 91.5 metres on either side of the common centre line of the navigation channel and the bridge with 50 metres headroom above Ordnance Datum over the central 100 metres. Outside this limit but between the main bridge piers a minimum headroom of 40 metres above Ordnance Datum will be provided.

Width

The maximum width of the bridge is 32 metres excluding maintenance equipment.

Waterway

A navigation channel 183 metres wide will be maintained. Main piers and their protection against errant vessels will extend 20 metres on each side of the pier centre lines.

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