
STATUTORY INSTRUMENTS

1978 No. 1770

HIGHWAYS, ENGLAND AND WALES

**The London-Great Yarmouth Trunk Road (Ipswich Bypass
Southern Section) (River Orwell Bridge) Order 1978**

Made - - - - 27th October 1978

Coming into Operation 12th December 1978

The Secretary of State for Transport makes this Order in exercise of powers conferred by section 20 of the Highways Act 1959(a) and now vested in him(b), and of all other enabling powers:—

1. The Secretary of State is authorised to construct as part of the new trunk road to be constructed in pursuance of the London-Great Yarmouth Trunk Road (Ipswich Bypass Southern Section) (Wherstead to Fox's Heath) Order 1978(c) south of Ipswich in the County of Suffolk, a bridge over the navigable waters of the River Orwell in accordance with the plans and specifications contained in the Schedule to this Order.

2. This Order shall come into operation on 12th December 1978 and may be cited as the London-Great Yarmouth Trunk Road (Ipswich Bypass Southern Section) (River Orwell Bridge) Order 1978.

Signed by authority of
the Secretary of State

27th October 1978.

G D Spearing
Regional Director,
Eastern Region,
Department of Transport.

(a) 1959 c. 25.

(b) S.I. 1970/1681.

(c) S.I. 1978/1769.

SCHEDULE

PLANS AND SPECIFICATIONS OF THE PROPOSED ROAD BRIDGE OVER THE RIVER ORWELL,
WHICH CROSSES THE RIVER SOUTH OF IPSWICH IN THE COUNTY OF SUFFOLK

Specification

Points of commencement and termination

From a point on the west bank of the River Orwell approximately 830 metres (2,723 feet) south-south east of the junction between "Bourne Hill" and "The Strand".

To a point on the east bank of the River Orwell approximately 800 metres (2,625 feet) due south of the junction between "Raeburn Road" and "Gainsborough Lane".

Length

Total length between abutments of 1,287 metres (4,222 feet) measured along the bridge centre line, comprising:

| | |
|--|-------------------------------------|
| 2 No. spans of 46 metres (150.9 feet) | } Measured along bridge centre line |
| 11 No. spans of 59 metres (193.6 feet) | |
| 2 No. spans of 72 metres (236.2 feet) | |
| 2 No. spans of 106 metres (347.8 feet) | |
| 1 No. span of 190 metres (623.3 feet) | |

Post tensioned concrete box girder construction on reinforced concrete piers.

Headroom

A navigational air draught of 41.0 metres (134.5 feet) A.O.D., over a channel width of 84.7 metres (277.8 feet) beneath the centre span of the bridge (190 metre span).

Waterway

As defined by the above limits.

See over for:—

Plan A—Key Plan.

Plan B—Plan of Bridge.

Plan C—Elevation along centre line of bridge.

Plan D—Elevation square to navigational channel.