STATUTORY INSTRUMENTS

1982 No. 879

HIGHWAYS, ENGLAND AND WALES

The A47 Birmingham-Great Yarmouth Trunk Road (Great Yarmouth Western Bypass-Second River Crossing) (River Yare Bridge) Order 1982

Made - - - -	*28th June* 1982
Coming into Operation	*16th July* 1982

The Secretary of State for Transport makes this order in exercise of powers conferred by section 106 of the Highways Act 1980(a) and now vested in him (b), and of all other enabling powers:—

1. The Secretary of State is authorised to construct the bridge specified in Schedule 1 to this order as part of the new trunk road, (to be constructed in pursuance of the A47 Birmingham-Great Yarmouth Trunk Road (Great Yarmouth Western Bypass-Second River Crossing) Order 1982, (c)) over the navigable waters of the River Yare at Great Yarmouth in the County of Norfolk and the provisions contained in Schedule 2 to this Order shall apply for the purpose of regulating its operation.

2. This order shall come into operation on 16th July 1982 and may be cited as the A47 Birmingham-Great Yarmouth Trunk Road (Great Yarmouth Western Bypass-Second River Crossing) (River Yare Bridge) Order 1982.

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

Signed by the authority of
the Secretary of State
28th June 1982.

(a) 1980 c.66. (b) S.I. 1981/238. (c) S.I. 1982/878.

SCHEDULE 1

Specifications of the road bridge over the River Yare which crosses the eastern end of Breydon Water at Great Yarmouth in the County of Norfolk.

Points of Commencement and Termination

From a point on the south bank of the River Yare approximately 169 metres (554 feet) northwest of the west corner of the dwelling No. 7 Breydon Terrace.

To a point on the north bank of the River Yare approximately 105 metres (344 feet) southwest of the southwest corner of the large engine shed which lies to the northwest of the main Vauxhall Railway Station building.

Length

Total length between abutments 247 metres (810 feet) comprising:

5 No. fixed spans of 26 metres (85 feet)
1 No. fixed span of 25 metres (82 feet)
2 No. fixed spans of 24.5 metres (80 feet)
1 No. opening bridge 43.0 metres long (141 feet)

Type of Construction

The fixed spans comprise steel I section beams acting compositely with a reinforced concrete slab deck, supported on reinforced concrete portals and abutments.

The portal columns and abutments are supported on steel-lined reinforced concrete piles.

The opening bridge comprises a single leaf bascule lifting span with an overhead counterweight, supported on reinforced concrete piers carried on steel-lined reinforced concrete piles.

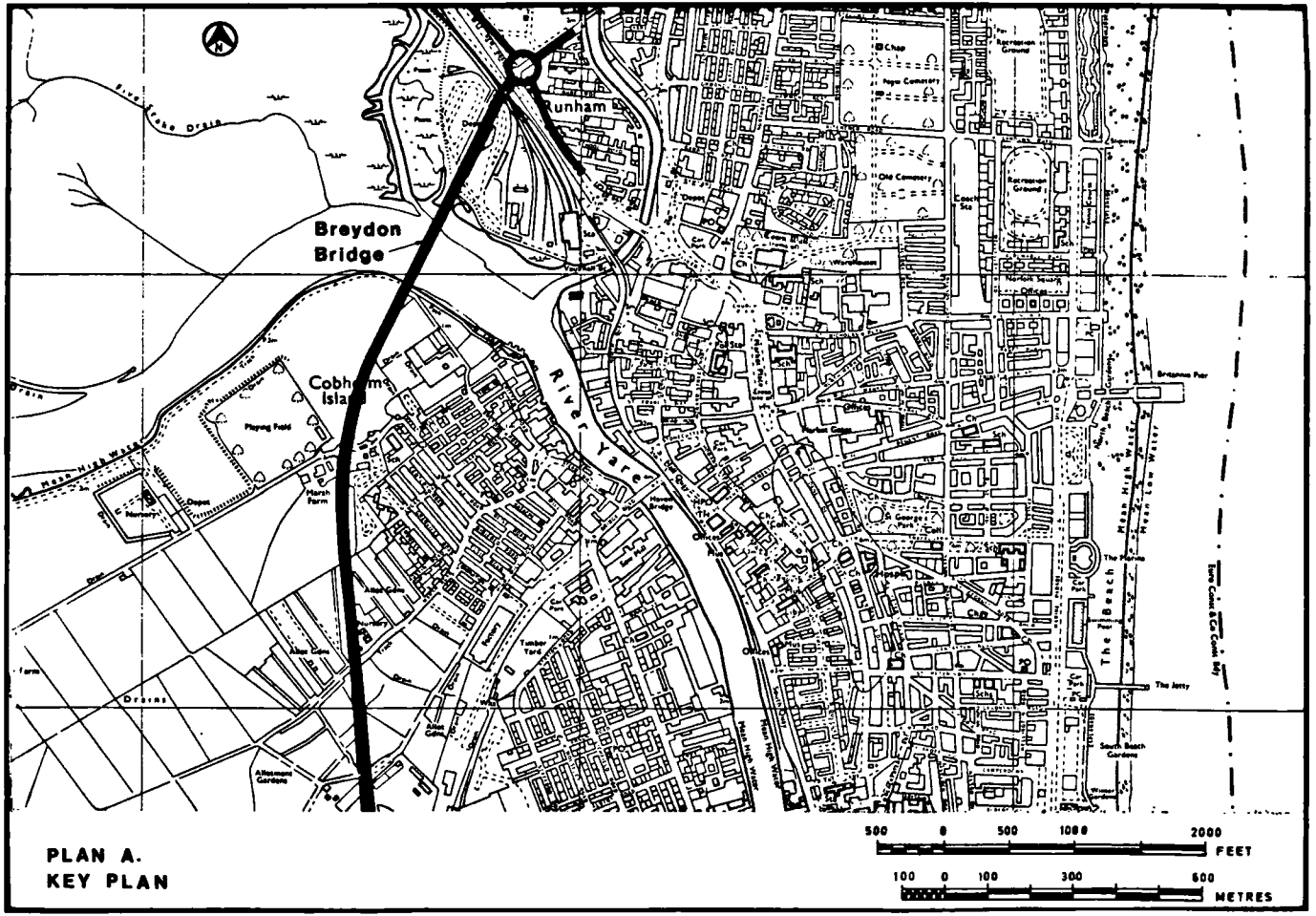
The opening span comprises a surfaced stiffened steel deck plate supported by I section steel cross girders and longitudinal girders.

The counterweight is carried in a steel frame supported on steel box section towers.

Headroom and Waterway

(a) At the Fixed Spans
A Navigational airdraught of 4.0 metres (13 feet) above Mean High Water Spring Tides over 2 No. channels of 23.75 metres (78 feet) adjacent to the opening bridge.

(b) At the Opening Bridge
With the opening span open to river traffic, unlimited airdraught over a channel width of 23 metres (76 feet). With the opening span closed to river traffic a navigational airdraught of 3.5 metres (11½ feet) above



PLAN A.
KEY PLAN