

General Inspection Report

(BC 07)
REPORT No 205.
MAIN CABLE.

DATE: 22/01/07 TO 28/01/07.

The main cables were visually inspected from the south side tower to the north side tower. both east & west sides, over an intermittent period between the above dates. general findings were as follows :

Cable - bands. : Cable bands were found to be in a satisfactory condition with no defects apparent.

Cable bands bolts. : It was apparent that on the majority of the upper cable band bolts that some form of minor impact damage had occurred in the past as small areas of paint had been removed leaving a small part of the machined face of the bolts exposed throughout. All other areas of paintwork remain in a satisfactory condition.

Cable - wrapping : Remains in a satisfactory condition with no defects apparent.

Hand-strands / Stanchions. : Remain in a satisfactory condition.

Hand-strand cable casting clamp / post connections. : The hand-strand cable casting clamp / post connections at various locations a certain degree of horizontal movement possibly due to wear-down (excessive in some areas) of the phosphor bronze washers It was also established that vertical movement was apparent at certain locations (excessive in some areas) of the phosphor bronze sleeves.

Sleeves. : S/W main tower to Side span non hardening mastic seal on upper face of main cable not evident at time of inspection.

Backstays. : Backstays not included in this inspection, although is part of main cable individual record sheets on the structure report programme.

All defects recorded and entered on the structure report programme.

Bridge inspector. :