



INSPECTION DEPARTMENT
Main cable. Cable band bolt inspection. 07/08/12 TO 09/08/12.
DATE. 12/08/12.

Prior to the commencement of the contract of the replacement of all 944 cable band bolts on the structures main cable by (Spencers.) a main cable inspection was requested by FRB. management to determine the current status with regards to the main cable band bolts and nuts and the main cable in general.

Between march 2012 and may 2012 . 3 locations which had previously been reported to have 2 defective bolts on the same cable band which were recorded on inspection date 28/02/12 to 01/03/12. were replaced, with the exception of PP24 on the south west side span. Since the first defective nuts were recorded during inspections carried out in December 2009, never before had we encountered a cable band with a bolt with defective nuts located on both live & dead sides. After consultation, it was decided that this bolt would be addressed following further discussions.

These locations were as below.

Main span North east.

PP. 54. Bolt “ D” Live side.

PP. 54. Bolt “ B” dead side. (Both bolts replaced Sunday 25/03/12)

North west side span

PP. 20 , Bolt “ D” live side. **Bolt “D” replaced 27/04/12**

PP. 20 , Bolt “ B” Live side. -- (Found on requested monthly inspection 4/4/12) **Bolt “B” replaced 25/04/12.**

South west side span

PP. 24 , Bolt “ D” Live side. **Bolt “D” replaced 15/05/12.**

It should be recorded that following the inspection carried out between 07/08/12 & 09/08/12. **No new defective bolt locations were found.**

Below is the currents status with regards defective bolt locations.

North west side span

1. PP. 24 , Bolt “ D” dead side.
2. PP. 26 , Bolt “A” Live side.
3. PP. 38 , Bolt “ F” Live side.



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North east side span

1. PP. 22 , Bolt “ F” dead side.
2. PP. 28 , Bolt “ F” Live side.
3. PP. 36 , Bolt “ H” Live side.

Main span North west.

1. PP. 78. Bolt “ D” dead side.

Main span South east.

1. PP. 78. Bolt “ B” Live side.

Main span South west.

1. PP. 52. Bolt “ A” dead side.
2. PP. 80. Bolt “ B” dead side.

South west side span

2. PP. 24 , Bolt “ B” Live & Dead side.

Therefore current status with regards to cable band locations & defective nuts totals are as inspection date. : 11 cable bands with 12 defective nuts.

Bridge Inspector.