

(BC13 )  
REPORT No.298.  
SIDE TOWERS. N& S.

DATE: 26/05/10 TO 27/05/10.

Both the North & South side towers were visually inspected over an intermittent period between the above dates. General findings were as follows. :

**Generally. :** Both the North & South side towers remain in a satisfactory condition

**S/W Side tower. :** The ladder base on the east side of the tower leg has been washed away by erosion of the sub base. Also one of the gabion cages on the N/E side has been opened up with the continuous pounding of the waves causing the stone infill to have been removed and the level on the top to drop. There are also areas of erosion directly behind the gabion wall which requires to be filled in . ( please refer to photographs supplied with general report. )

**Post tensioned cables. :** Side tower North E &W. remain in a satisfactory condition with no strand breakages to report.

Side tower South E &W. deterioration of post tensioned cables continues, Additional 4 off strands broken in east leg, E8 & E9 2 off in each.

( please refer to survey sheet for clarification of changes if required. )

no programme of works has yet been implemented for removal of post tensioned cables.

( Additional information. : Following a recent visit by consultants to the south side towers to examine the condition of the post tensioned cables, B. Colford requested bridge inspectors to remove an area of protective covering from all the strands in the north side towers E & W. This procedure was carried out in 1999. Therefore all strands can be examined .

All Defects recorded & entered on the structure report programme.( with photographs attached and individual defect sheets given to relevant supervisors for distribution to FETA staff.

**Bridge inspectors. :**



<b>INSPECTION DEPARTMENT</b>
<b>Side towers N &amp; S</b>
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