

Date.: 10/01/10. Time. : Approx 11. 00 am.

Air temp. : minus - + 6 degrees celcius.

Surface temp. : minus - + 2 degrees celcius.

Reference . : [DP – Datum point.](#)

LRP. Length reference point

Maintenance managers requested information of North West box girder roller bearing . ( Photographs show the east face. ) Viaduct box girder movement measurements.



[Datum point No 1. :](#) Datum point taken from the side tower leg. ( North face ). Datum point taken vertically and marked. This is reference measurement point No 1. for possible future longitudinal movement of the east box girder in low temperatures.



[Datum point No 2. :](#) Datum point taken from the top of the roller bearing plinth.bearing pad at a measured height of 688 mm. A true line using a spirit level was taken and marked on the face of the side tower. This distance was measured at 420. mm.

[Measurements taken from Datum point No 2.as recorded –](#)

[North east box girder – East face.420mm.](#)

[North east box girder – West face.413mm.](#)