

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)**

No. 2010/Proj./Bangalore/Misc.

New Delhi, dated: 07.01.2015

Managing Director,
Bangalore Metro Rail Corporation Limited,
3rd floor, BMTC Complex K.H. Road,
Shanthinagar, Bangalore

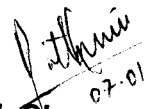
Sub: Design Basis Report for BMRCL, Ph.- I.

- Ref: i. This office letter of even No. dated 23.9.2013.
ii. BMRCL's Letter No. BMRCL/C-123/2903 dated 22.11.2014.

Design Basis Report of BMRCL, Ph.-I was approved vide Board's letter under reference (i) considering plinth beam and parapet towards dead load in place of super imposed dead load with following conditions:

1. This approval is being granted as a special case for Ph-I of BMRCL only as the structures have already been designed and constructed and should not be taken as precedence in future.
2. One span per km will be kept under watch under advice to Ministry of Railways. Quarterly measurements of the span should be taken and in case of any adverse development in the structure, immediate safety measure as deemed fit shall be taken by Metro Railway. RDSO may advise the items to be kept under watch for such spans.
3. An annual report (more frequent if warranted) should be prepared by Metro Railway for such monitoring and the same should be submitted to RDSO and Railway Board alongwith comments of Metro Railway on the report.
4. Metro Railway will ensure that weight of parapet and track plinth will remain same as assumed in design throughout the life of structure and same shall be incorporated in the maintenance manual.
5. The variation in remaining SIDL will not be more than 20% of what has been assumed in design.

BMRCL's request for revoking conditions 1,2 & 3 above has been reviewed in consultation with RDSO and in view of the clause 3.7.2 of the DBR of BMRCL (R-3, June 2013) dealing with Super Imposed Dead Load (SIDL) being in conformity with clause 5.2 of the model DBR, the above three conditions (1, 2 and 3) of this office letter under reference (i) stand revoked.


(Ruth Changsan)
Dir./Works Plg.
Railway Board

Copy to: i) ED/Structures, RDSO w.r.t. RDSO's letter No. CBS/Metro dated 17.12.2014.
ii) ED/UTHS, RDSO, Lucknow