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No.W.71/Br/Bridge Policy/Vol.II

Dt:20.08.2021

**Executive Director (Structures)**  
**RDSO, Lucknow**

Sub: Arrangement of traction mast on abutment of bridges.  
Ref: Your letter no.CBS/R/OHE, Dated 13.08.2021.

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With reference to the letter cited above, the following comments/suggestions are made on the proposed corrections in Para 18.12 under Appendix – 1 of ACTM Vol.II (Part.II) .

- 1.The rationale for keeping OHE masts at a distance of 10m from abutments is not available in the Bridge Codes or BS-121. The distance is mentioned only in ACTM.
- 2.For Bridges with Splayed wing walls, the OHE mast foundation will not interfere with the Bridge abutment even it is placed at a distance of 5m. However, for bridges with square returns, OHE mast at 5m may interfere with the substructure.
- 3.It is desirable to avoid OHE masts on bridge piers. Hence, If OHE masts over bridge piers can be avoided by keeping a mast at 5m from abutment, there should not be any issue in allowing such arrangement ( for Bridges with splayed wing wall arrangement)

*K Ramakrishna*  
20/8/2021  
(K RAMAKRISHNA)  
CBE/SC