

CE's Circular no 134

Sub: Numbering System for new Bridges on existing sections.

1.0 General: Every Bridge on an existing section is required to have a unique number in that section. New bridges are being constructed on existing sections due to various reasons, viz provision of new Bridges at breach locations, ROBs, RUBs / LHS in lieu of level crossings or otherwise, subways at trespassing locations etc. It has been noticed that divisions are presently not following uniform system for numbering of these bridges. Further, in many cases Bridge numbering/plaque have not been displayed on the new bridges.

Following instruction are issued for assigning unique number for the new bridges on the existing sections as well as for displaying the Bridge number.

2.0 Numbering System:

2.1 In a section, Bridges shall be assigned a unique number, starting from 1 to N in increasing Km. In case of double /multiple line sections, the Bridges on an individual line shall be assigned suffix 'UP', 'DOWN', 'MIDDLE', etc to denote the line / track on which the Bridge is provided.

2.2 In case a new bridge is provided in between two existing bridges for water way, graded crossing or any other reason, a unique bridge number shall be assigned to it. The bridge number to be assigned shall consist of a numeral bridge No and an alphabet suffix to the numeral bridge number. The numeral bridge number for this purpose will be the lower of the Bridge number of the two nearest adjacent existing bridges. The alphabet suffix portion of the bridge number will consist of one or more alphabets to denote the location between its two nearest adjacent bridges.

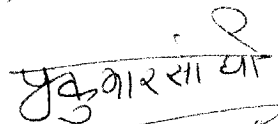
2.3 For instance, if an ROB is constructed at a location which is between existing Bridge no 151 and Bridge no 152, then the ROB will be assigned bridge number 151A. Similarly, if a new bridge is constructed between Bridge No 151A and Bridge No 152, then it will be numbered as 151B. In case a new Bridge is constructed between Bridge No. 151 and Bridge No. 151A, it will be numbered as 151-XA. Here, alphabet suffix 'X' is an assumed alphabet suffix of bridge no 151. A new Bridge constructed between Bridge No 151A and Bridge No 151B will be assigned Bridge number as 151AA and so on.

- 2.4 In exception cases, situation may arise, that it is not possible to assign unique number to a new bridge by the above method. In such exception situation, all bridges between bridges no 151 and bridge no 152 shall be renumbered afresh from one end as 151A, 151B, 151C and so on, so that all the new bridges are assigned unique bridge number. Any additional bridges, thereafter can again be assigned number as per the above stated system.

3.0 Bridge Number Plaque:

- 3.1 Plaques containing Bridge number shall be provided on the parapet wall for all bridges (including RUBs/Subway) as detailed in Annexure 2/1 of Indian Railway Bridge Manual.
- 3.2 In case of an ROB, the Bridge number shall be displayed/ painted at a height of about 1.2 m above rail level on the piers. On an ROB, bridge number shall be written on the left side of front face of pier/abutment of the railway span (on both directions), so that it is visible on left side from a distance during foot plate/trolley inspection.
- 3.3 In case of multiple Railway spans, ROB number shall be displayed / painted on all such Railway spans, which are provided with existing tracks, in a similar manner.
- 3.4 The plaque / display, should display the bridge number (viz Br No 123A) in font size with Letter height of 250 mm and Letter colour black on white back ground, as detailed in Annexure 2/1 of IRBM.
- 4.0 It is advised to ensure assigning as well as display of bridge numbers for all bridges, including ROB, Subways etc. as per these instructions.

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