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RAILWAY BOARD

No. 2015/CE-IV/ROB/78 (pt)
Member (Technical),
National Highway Authority of India,
Ministry of Road transport & Highways,
Government of India,
G-5 & 6, Sector Dwarka,
New delhi-110075.

New Delhi 21.03.2023

23-03-2023

Sub: Preferred Span Configuration & Structural for ROB's by NHAI.

Ref: (i) Board's letter No. 2015/CE-IV/ROB/78 (pt.) dated 21.10.2022.

(ii) Board's letter No. 2015/CE-IV/ROB-RUB/Misc dated 15.02.2023.

(iii) Principal Executive Director, (Infra. II), RDSO's letter No
CBS/ROB/Arch dated 21.03.2023.

Further to reference (i) & (ii) above, necessary action may be taken by NHAI in consultation with RDSO for standardisation of design & drawings for followings;

- (i) Composite Steel Plate Girder having welded components and assembled at site with HSFG bolts for 2 lanes & 3 lanes, for 42m clear span including bearings.
 - (ii) Truss type Girders having welded components and assembled at site with HSFG bolts (Open Web Girder, aesthetically appealing) for 2 and 3 lanes, for 48m, 54m, 60m and 72m clear span including bearings.
 - (iii) Stainless Steel Truss type Girders having welded components and assembled at site with HSFG bolts (Open Web Girder, aesthetically appealing) for 2 and 3 lanes, for 48m clear span including bearings.
2. NHAI may develop, changes/improvements required in design/drawing of existing Standard Bow Sting Girder Designs, specifically to avoid/ minimize site welding by provision of HSFG bolt etc.
3. NHAI may also develop design/drawings for ROB superstructure over Railway Tracks for different configurations required for expressways.

In view of the above necessary action may be taken on these above issues in consultation with RDSO.




(S. N. Joshi)
Executive Director/CE (B&S)

Copy to:

- ✓(i) Director General, Ministry of Road transport & Highways, Government of India for kind information.
- ✓(ii) Principal Executive Director, (Infra.-II), RDSO for interaction with NHAI for further necessary action on above issues

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Ministry of Railways
For the Secretary
Signature
Date