

EFile No. RW/NH-33044/29/2021-S&R (P&B) (Computer No.194425)

Government of India

Ministry of Road Transport & Highways

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated 12th September, 2024

OFFICE MEMORANDUM

Subject: Implementation of MORT&H Issued Policy Circulars in National Highways Projects- Seeking comments/suggestions/value addition- Regarding

The policy circulars issued by Ministry having modifications to provisions of 2/4/6 laning guidelines and MoRTH Specifications for Road & Bridge Works should be part of Schedule-D for its proper applicability. Accordingly, a draft circular has been attempted.

2. All the stakeholders of MoRTH is requested herewith kindly send her/his comments/suggestions on **enclosed Draft** "Implementation of MORT&H Issued Policy Circulars in National Highways Projects" so that no applicable circular is left out. Kindly send feedback to bidurkant.jha@gov.in. The last date of sending comments / feedback is **12/10/2024**.

(Bidur Kant Jha)

Bidur Kant Jha
12/09/2024

Director

(New Technology for Highway Development)

For DG (RD) & SS

Enclosure: As above.

To:

1. All Stakeholders

Copy for information:

1. Sr. PPS to DG(RD)&SS
2. PPS to ADG(S&R)

Copy for necessary action:

1. Director-NIC: with a request to please upload on MORT&H's website.

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Government of India
Ministry of Road Transport & Highways
(S&R (P&B/New Technology) Zone)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: September, 2024

CIRCULAR (Draft)

To

1. The Chief Secretaries of all the State Governments/ UTs.
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department/ Road Construction Department/ Highways Department (dealing with National Highways and other centrally sponsored schemes).
3. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
4. The Managing Director, NHIDCL, World Trade Centre, New Delhi-110029.
5. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi- 110 010.
6. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs/ Road Construction Department/ Highways Departments (dealing with National Highways and other centrally sponsored schemes).
7. The Secretary General, Indian Roads Congress
8. The Director, IAHE, Noida, UP
9. All CE-ROs, ROs and ELOs of the Ministry.

Subject: Implementation of MORT&H Issued Policy Circulars in National Highways Projects ~reg.

Madam/Sir,

Contract Agreement of EPC/HAM Project stipulates that the design, construction and maintenance shall be in conformity with applicable standards and specifications as specified in Schedule-D. Further clause 1.4 of the 2/4/6-lanning manual stipulates that "The Codes, Standards, Technical Specifications and Guidelines applicable for the design and construction of project components are:

- i) Indian Roads Congress (IRC) Codes, Standards and Guidelines.
- ii) Specifications for Road and Bridge Works issued by the Ministry of Road Transport & Highways (MoRTH) hereinafter referred to as MoRTH or Ministry's Specifications.
- iii) Any other standards referred to in the Manual and any supplement issued with the bid document".

Also, clause 1.5 of the manual stipulates that "The version of the Codes, Standards, Specifications, etc. notified/published at least 60 days prior to the last date of bid submission shall be considered applicable". Nothing has been

specifically mentioned for the MORT&H Policy Circulars issued time to time.

2. Section 8 Materials of the 2/4/6-lanning manual stipulates that "All materials to be used in works shall be in conformity with the requirements laid down for relevant item in MoRTH Specifications. If the Concessionaire proposes to use any material, which is not covered in MoRTH Specifications, it shall conform to IRC or relevant Indian Standards, if there are any, or to the International Standards. Proprietary products proposed to be used shall be proven by use in comparable international road and bridge projects, and shall be supported with authenticated licensing arrangement with the manufacturer".

3. Ministry has published MORT&H Specifications for Road and Bridge Works (Fifth Revision) in Year 2013. Since then Ministry has issued several policy circulars on the basis of experienced gained over the years, feedback from the stakeholders, keeping uniformity and eliminating different inconsistencies among manual, specifications and IRC codes/Guidelines/ Design Standard; outcome of the Research projects, efficacy & performance of the pilot projects, upgradation in design/material/construction & maintenance technology, quality, durability, safety & sustainability aspects etc. These circulars should be considered while doing Feasibility Study/DPR preparations and included in the Schedule-D of the Contract Agreement

4. In view of the above, it is reiterated that all construction related circulars issued after publication of MoRTH specifications (5th revision) may be included in the Schedule D of the contract and followed in letter and spirit. This shall be applicable to all ongoing DPR consultancy services where draft feasibility report is yet to be submitted.

5. It is requested that the contents of the circular may be brought into the notice of all concerned for immediate needful compliance.

6. This issues with the approval of Competent Authority.

Yours sincerely,

(Bidur Kant Jha)

Director (New Technology for Highway Development)

For Director General (Road Development) & Special Secretary

Copy to:

1. All CEs in the Ministry of Road Transport & Highways
2. All ROs of the Ministry of Road Transport & Highways
3. The Secretary General, Indian Roads Congress
4. Technical circular file of S&R (P&B) Section
5. NIC-for uploading on Ministry's website under "What's new"

Copy for kind information to:

1. PS to Hon'ble Minister (RT&H)
2. PS to Hon'ble MOS (RT&H)
3. Sr. PPS to Secretary (RT&H)

4. Sr. PPS to DG (RD) & SS
5. Sr. PPS/ PPS to Addl. Secretary (Road Safety)/ Addl. Secretary (RT&H & LA)
6. Sr. PPS/ PPS to AS&FA
7. Sr. PPS/ PPS to all ADG (BKS) / ADG (KB)/ ADG(SC)/ADG(RS)/ ADG(OPS)
8. Sr. PPS/ PPS to JS (RT&MVL)/ JS (EIC) / JS (Logistics)/ JS (NHIDCL)

Annexure: Details of Circulars

Sr. No.	Policy Circular no.	Dated	Subject
1	EFile No.RW/NH-34049/01/2020-S&R (P&B)pt. (Computer No.-207229)		Use of New/ Alternative Material and Technology in Construction and Maintenance of National Highways Projects and adoption of Value Engineering Practices therein
2	EFile No. RW/NH-35083/02/2024-S&R (Computer No.-238879)		Use of Waste Plastic in Bituminous Concrete Wearing Course Mix in National Highways Construction & Maintenance Works
3	EFile No.RW/NH-33044/22/2020-S&R (P&B) (Computer No.186381)	4 th June, 2024	Width of Shoulder (Paved & Earthen) for National Highways
4	EFile No.RW/NH-35072/05/2018-S&R (P&B) (Computer No.165688)	19 th April, 2024	Recommended Bitumen Type & Grade for Different Climate & Traffic Loading for National Highway and Expressway Works in India
5	EFile No.RW/NH-35072/05/2018-S&R (P&B) (E165688)	23 th August,2023	Use of Bitumen: Demand-Supply, Type & Grade, Specifications, Source of Procurement and Quality in Construction of National Highways Projects
6	EFile No.RW/NH-36098/25/2022-S&R (P&B)/ pt.	16 th March, 2023	Safety in Road Construction Zones in National Highway Projects - effective and adequate measures to be taken
7	EFile No: RW/NH-33044/10/2021-S&R(P&B)(171909	15 th March,2023	Reuse of materials reclaimed from existing pavement layers
8	EFile No.RW/NH-34049/12/2022-S&R (P&B)/ SMA	13 th February,2023	Use of Stone Matrix Asphalt (SMA) Mix in Wearing Course of Flexible Pavement
9	Efile No.RW/NH-33044/17/2021-S&R (P&B) (193228)	6 th February, 2023	Use of plastic waste in bituminous mix in the construction of Service Roads

			and slip road along National-Highways.
10	Efile No. RW/NH-36098/17/2022/S&R(B)	2 nd January, 2023	Provisions of crash barriers in existing bridges
11	EFile No.RW/NH-33049/01/2020-S&R (B) Pt.	22 nd February,2022	Use of Ultra High Performance Fiber Reinforced Concrete (UHPFRC) in Design & Construction of Structures/Bridges of National Highways (2.84 Mb application-pdf)
12	Efile No. RW/NH-33044/04/2022-S&R(P&B)	15 th February, 2022	Use of dynamite on hills/ mountains for the construction of roads
13	Efile No. RW/NH-35083/09/2024-S&R(P&B) (Computer No.241094)		Use of Whitetopping Technology for rehabilitation/strengthening of National Highways
14		22.01.2021	Use of stainless steel bar