



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

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NHAI/ Policy Guidelines/ Tech & Misc./2020 No. 18.44/2020 dated the 18th May, 2020

Sub.: Identification of 2-3 stretches for developing as Model Stretches.

Refer the discussions during the meeting through VC held on 21.04.2020 in which each RO was directed to develop 2-3 stretches of not less than 15 km each preferably in & near the state capital as model roads of NHAI with good riding surface, plantation, safety items, road signs, etc. and these NHAI stretches should be having all features of a best road which can also serve educational purpose, by showing this model stretch to other NHAI/ State PWD Engineers as to how a good road should look and what all features it should have.

2. ROs might have identified the stretches by now. The list of activities & timelines for developing Model Stretches are enclosed. ROs shall take all required actions promptly, complete the activities as per timelines and upload their achievements with photographs/ video on PMS. Member concerned is given powers to sanction the estimates of items outside the scope of projects upto Rs.10.0Cr. per stretch and mode of execution. The proposals of higher estimates be put up to EC.

Encl.: List of Activities & Timelines.

(Sukhbir Singh Sandhu)
Chairman

All ROs/ PDs

Copy to:

All Members

All CGMs/ GMs at HQ

List of Activities for developing Model Stretches of NHAI

As decided, each RO should identify minimum 2 stretches preferably in and near state capital to upgrade as 'Model Stretches of NHAI'. These stretches should have all required technical and aesthetic parameters as per prevailing specifications/ norms, but not limited to the following :

1. Technical Specifications as per 4/6 laning Manuals including proper junctions, entry/ exit, etc. with excellent riding quality especially at structures and proper, good looking & functional drains;
2. Attempt be made to make the highway as much access controlled as possible with no unauthorised median openings/ accesses;
3. Road Markings as per IRC:35 (reflectivity of paint to be ensured) & Road Signs as per IRC:67 (optimally repeated, overhead & best looking);
4. Road Furniture & Safety Items like crash barrier, kerb painting, road studs, delineators, etc. as per norms;
5. Proper pedestrian facilities like footpaths wherever required (aesthetic) using interlocking tiles) FOBs (elegant & aesthetic), etc. In case traffic signals are required, proper signals with timers to be ensured.
6. Proper & aesthetic Highway Lighting with all lights working and ensuring timely switch on, switch off.
7. Beautiful looking Landscaping & Plantation Work as per IRC:SP:21 (Median & Avenue) including traffic islands, below/ around the flyovers & other structures, etc.;
8. Elegant Toll Plaza with electronic tolling & other systems.
9. Availability of User Facilities/ Wayside Amenities;
10. Advance Traffic Management System (ATMS) especially CCTV Cameras at all vulnerable points connected to a Control Center;
11. Complete removal of Black-spots & Congestion Points with permanent/ long-term improvement measures;
12. Rain Water Harvesting System and Other Eco-friendly Measures;

Note: The model stretch should look like a perfect text book model road with no deficiency.

Timelines for developing Model Stretches of NHAJ

Sr. No.	Activity	Responsible Officer/s	Timelines
1	Identification of Stretches	RO	21.05.2020
2	Physical Inspection of Stretches with videography	PD/IE	26.05.2020
3	Listing of all required upgradeable items/ facilities and identification of items/ works within the scope & outside of Concessionaire/ Contractor.	RO/ PD/ IE	28.05.2020
4	Submission of the estimates & mode of execution of items outside the scope to the Competent Authority for approval.	IE/PD/RO	01.06.2020
5	Approval of the Competent Authority to the estimates & mode of execution of items outside the scope	RO/HQ	05.06.2020
6	Completion of all Items, which are within the scope of the Concessionaire/ Contractor	IE/PD	30.06.2020
7	Completion of bidding process for approved items outside the scope, if required	IE/PD	10.07.2020
8	Completion of approved items outside the scope	IE/PD	10.08.2020