



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई

Project Implementation Unit - Bengaluru

सर्वे नं. १३, १४ कि. मी., नागासंद्रा, बेंगलूरु - तुमकुर सड़क, (एन. एच.-४), बेंगलूरु - ५६० ०७३

Sy. No. 13, 14th Km., Nagasandra, Bengaluru - Tumkur Road (NH-4) Bengaluru -560 073

Phone : 080 - 28394403
Tele Fax : 080 - 28394383
E-mail : bangalore@nhai.org



Date: 18.08.2020

Project Justification

Project: Development of Bangalore Ring Road ((STRR) Phase-II NH-948A)) from Ramanagara to Peddamadhagondapalli (Km 82.200 to 140.000) - 57.800 km in District Ramanagara and Bangalore Urban of Karnataka State and District Krishnagiri of Tamil Nadu State.

The Ministry of Road, Transport and Highways (MORTH), Government of India is implementing "Bharatmala Pariyojana", an umbrella program for the highways sector. This focuses on optimizing efficiency of freight and passenger movement across the country by bridging critical infrastructure gaps through effective solutions like development of economic corridors, inter-corridor, national corridors efficiency improvement, border & international connectivity roads, coastal & port connectivity roads and expressways.

In pursuance to above program, NHAI is undertaking "Satellite Town Ring Road (West Side), a newly declared highway as NH-948A" under the *Bharatmala Pariyojana (Lot-3)*. The proposed project starts from Ch. 0.000 in Dabaspeta and ends at Ch. 179.969 near Deverapalli village in Tamil Nadu/Karnataka Border. The project road is entirely a new Greenfield highway. The entire corridor is proposed to be taken up in 3 phases namely:

- 1) **Phase-I - Design Ch.000 (Dabaspeta) to Ch. 82.200 (near Kailancha Village);**
- 2) **Phase-II-Design Ch.82.200 (near Kailancha Village) to Ch.140.000 (near Peddamadhagondapalli Village);**
- 3) **Phase-III - Design Ch.140.000 (near Peddamadhagondapalli Village) to Ch.179.969 (near Deverapalli Village at Karnataka/Tamil Nadu Border).**

The application is for Karnataka Portion of Phase II of Satellite Town Ring Road (West Side) starting from Ch. 82.200 and ending at Ch. 140.000. The total length of Phase II is 57.800 km. The proposed project road passes through the Reserved Forest of Bannerghatta National Park (BNP).

Five alternatives alignments were studied in order to minimize the ecological impacts. These include four new Greenfield routes and one with elevated corridor from Ch. 114.635 to Ch. 118.431 over the existing road within the core zone of Bannerghatta National Park (BNP) with one km on both sides in the eco sensitive zone (ESZ) as per MOEFCC requirement with total length of about 5.8 km. All alignment options were presented to Karnataka State Forest Department on 13th June 2018 with NHAI officials. During detailed deliberation, the Karnataka Principal Chief Conservator of Forests in-principally agreed to the proposal of existing road to elevated corridor after considering the merits and demerits of all five-alignment proposals presented, as this elevated option will have least ecological impact and significantly reduce human and animal conflict.

The project was considered by the Expert Appraisal Committee (EAC) of MOEFCC during its 191st meeting held on 25/06/2018 for the grant of TOR. During the presentation in MOEFCC, it was intimated by the Committee that a joint site Visit by a sub-committee of the EAC with NHAI before further consideration of the proposal for EIA considering the BNP involvement. Accordingly, a sub- committee was formed consisting of four members of Expert Appraisal Committee. The Sub- committee along with senior officials of Karnataka State Forest Department and Wildlife Warden of BNP and NHAI officials visited the entire site in detail on 24th July 2018. After detailed consideration, it was concluded by the sub-committee that proposal of elevated corridor over the existing road in BNP will have least ecological impact and thus considered as most viable option from environmental point of view among the other options proposed by the project proponent. It was also envisaged by the sub-committee that additional passages for uninterrupted animal movement shall be ensured along the proposed highway, in consultation with Karnataka State Forest Department as per requirements.

Subsequently, the TOR for the proposal was granted in the subsequent EAC meeting held on 30/08/2018 for EIA studies.

The development of this highway will ensure better, faster and uninterrupted connectivity for through traffic without entering the city. This will play a significant role in reducing the pollution of Bangalore City due to current traffic congestion besides savings in vehicle operating costs, less fuel consumption and decreased cost and time of passenger travel. Provision of an appropriate road safety system in the proposed highway in BNP area will furthermore minimize human-animal conflict.

The proposed project will give significant economic impetus to Karnataka State and will help in improving the socio-economic condition of the people living in the region and generate direct and indirect employment to the local people.


(S P Somashekar)
GM(T) & Project Director