

ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY

(A Unit of Alva's Education Foundation®, Moodbidri)

"Shobhavana", Mijar, Moodbidri – 574 225, D.K.



DEPARTMENT OF CIVIL ENGINEERING

Certificate

This is to certify that

VARUN GOWDA T V

4AL19CV041

Have submitted Internship Report on **"TRAFFIC STUDY OF TALLUR, HEMMADI AND TRASI VILLAGE PANCHAYATH'S LIMITS ALONG NH 66"** for 8th semester B.E in Civil Engineering during the academic year 2022 - 23. The Internship report has been approved as it satisfies the academic requirements in report of Internship work prescribed by Visvesvaraya Technological University for the award of degree in Bachelor of Engineering Degree.

Prof. Varadaraj K S
Internship Coordinator

Prof. Varadaraj K S
Internship Guide

Dr. K. Anitha Hebbar
Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

EXTERNAL VIVA

Name of Examiners

1. **Dr. H. S. Muralidhar**
2.

Signature with Date

Dr. K. Anitha Hebbar 26/5/23

ABSTRACT

We've studied about initial process which need to be undertaken in the Highway Construction we've referred the schedules & annexures of concession agreement Volume I,II,III we've have visited to site & studied about the terms related to highway design.

The Site of the Four-Lane divided Project Highway comprises the section of National Highway: 66 commencing from Km 93.700 to Km 283.300 i.e. the Goa-Karnataka border Kundapur section in the State of Karnataka. Site of the Four-Lane Project Highway, shall include the land, buildings, structures and road works as described in the given Schedule.

An inventory of the Site including the land, buildings, structures, road works, trees and any other immovable property on, or attached to, the Site shall be prepared jointly by the Authority Representative and the Concessionaire.

Additional land required for Toll Plazas, Traffic Aid Posts, Medical Aid Posts and vehicle rescue posts or for construction of works specified in the Change of Scope Order issued. The scope of the Project (the "Scope of the Project") shall mean and include, during the Concession Period:

(a) Construction of the Project Highway on the Site set forth in Schedules and as specified together with provision of Project Facilities as specified in Schedule, and in conformity with the Specifications and Standards set forth in Schedule.

(b) Operation and maintenance of the Project Highway in accordance with the provisions of this Agreement; and

(c) Performance and fulfilment of all other obligations of the Concessionaire in accordance with the provisions of this Agreement and matters incidental thereto or necessary for the performance of any or all of the obligations of the Concessionaire under this Agreement.

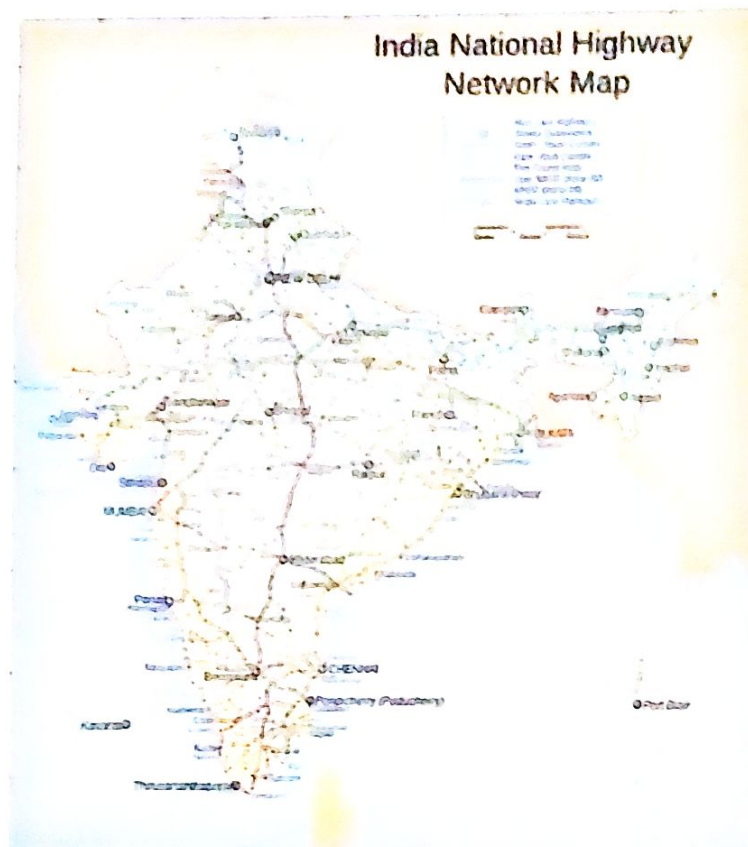


Figure 1.1 Index of the Indian National Highway Network Map

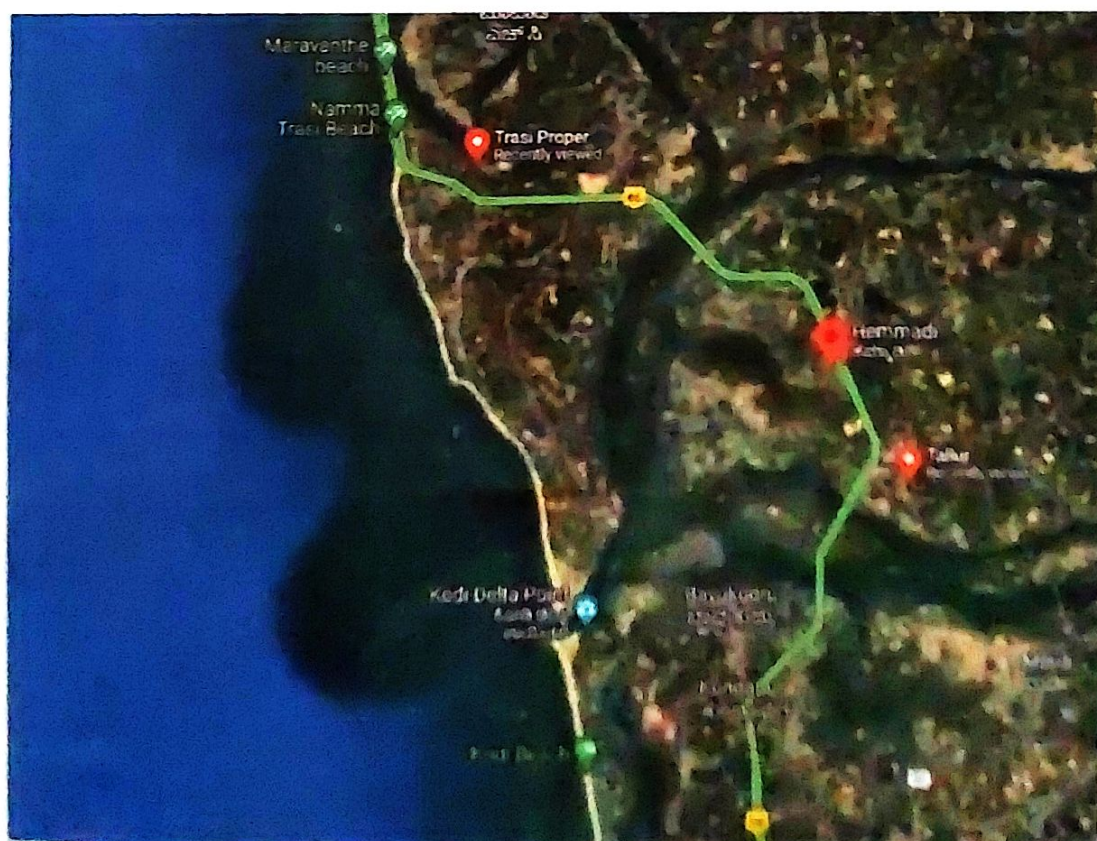


Figure 1.2 Location Map of the Road



Figure 1.3 With Site Engineer

CHAPTER 5

CONCLUSION

Primary mandate is to develop, maintain, and manage the National Highways, which are vital transportation arteries connecting major cities, ports, and industrial hubs across India. It aims to provide safe and efficient road infrastructure to facilitate the smooth movement of people and goods.

NHAI is involved in the planning, construction, and upgrading of national highways. It undertakes various activities such as land acquisition, feasibility studies, design, engineering, and project implementation. NHAI is also responsible for the operation and maintenance of highways to ensure their longevity and safety.

Road Development, Financial, Toll Management, Technology and Innovation, Road Safety, Green initiatives

Tallur Village Panchayat

Bicycle-22.40,2-Wheeler-1670,4-Wheeler-416, Auto Rikshaw-228, Light Commercial Vehicles-21, Heavy vehicle or Buses-101

Tallur Village Panchayat

Bicycle-12,2-Wheeler-1413,4-Wheeler-420,Auto Rikshaw-159, Light Commercial Vehicles-22, Heavy vehicle or Buses-55

Hemmadi Village Panchayat

Bicycle-25,2-Wheeler-5973,4-Wheeler-5978,Auto Rikshaw-4562, Light Commercial Vehicles-2931, Heavy vehicle or Buses-1691

Trasi Village Panchayat

Bicycle-15,2-Wheeler-5424,4-Wheeler-4438, Auto Rikshaw-7254, Light Commercial Vehicles-3019, Heavy vehicle or Buses-2252

Here are the results of various location which we done the traffic survey different location have different PCU according to the survey the village Tallur Village Panchayat we can provide underpass.