

## NOTE ON PROJECT

### General

The Chittoor to Thatchur Section (Newly declared NH 716B) is proposed 6-lane highway having a total length of 126.550 Km in the states Andhra Pradesh and Tamil Nadu. The Project start (Ch. 0.000) from junction of proposed Bangalore-Chennai expressway (Ch. 152.100) near Chittoor in Andhra Pradesh and ends in NH 5, near Thatchur (Ch.126.550) in Thiruvallur district in Tamil Nadu. The proposed alignment is newly declared National Highway-716B. It passes through 2 districts namely Chittoor district in Andhra Pradesh and Thiruvallur district in Tamil Nadu.

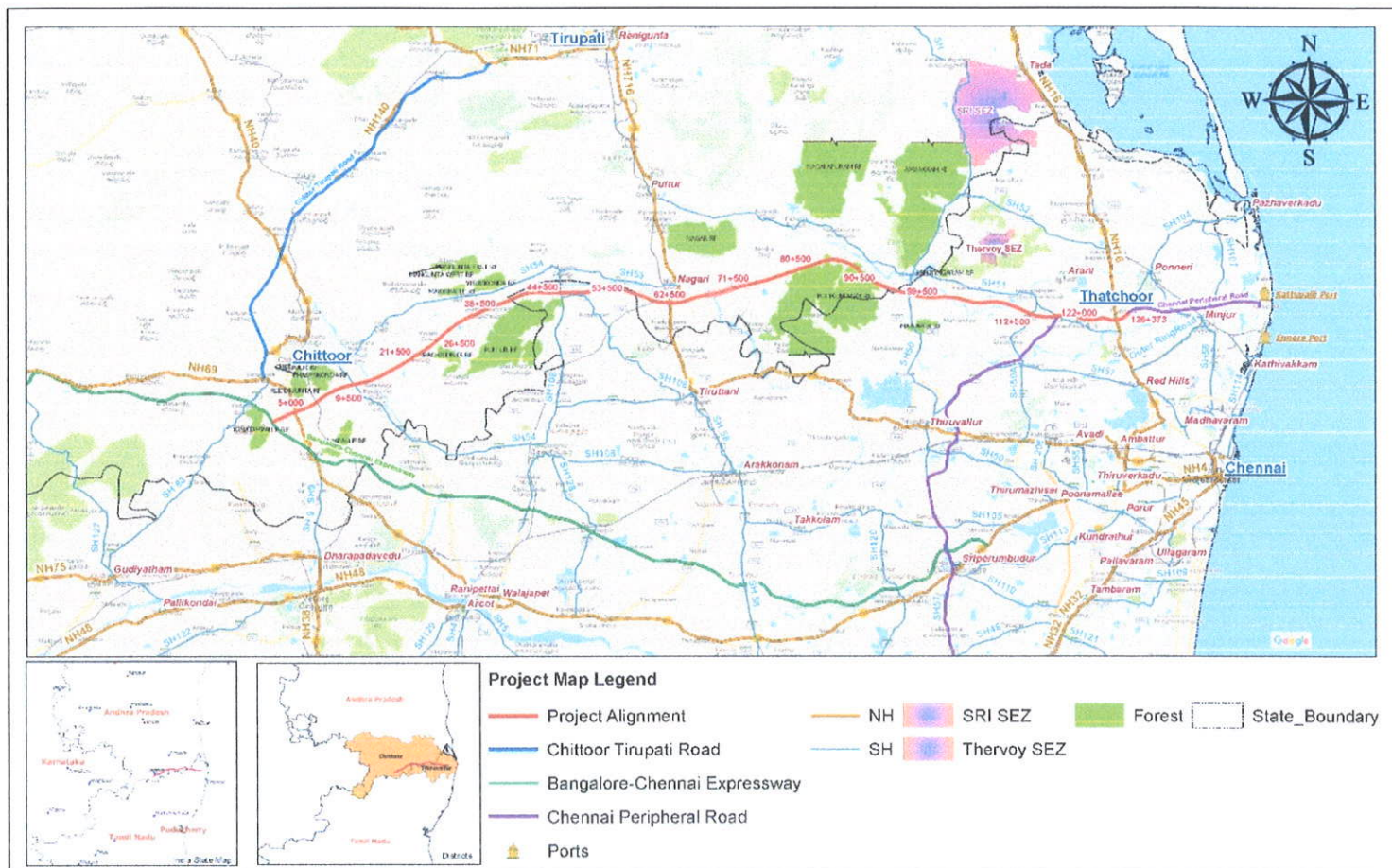
The proposed Road is passing through seven talukas in Chittoor district of Andhra Pradesh and three talukas of Thiruvallur district of Tamil Nadu. The details of proposed alignment presented in **Table 1** and the key plan of Project Road sections in District Andhra Pradesh and Tamil Nadu shown in **Figure1**.

**Table 1: Details of Project Sections**

Detail	State	District	Taluks en-route	Length (km)
NH-716B	Andhra Pradesh	Chittoor	Chittoor	14.900
			G D Nellore	13.300
			S R Puram	10.600
			Nagari	13.200
			Nindra	2.400
			Panapakkam	3.300
			Pichatur	12.100
	Tamil Nadu	Thiruvallur	Pallipattu	16.700
			Uthukkottai	30.000
			Ponneri	9.950
Total Length (km)				126.550



Project Director  
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Project Implementation Unit  
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## Location of the Project Road sections in District Andhra Pradesh and District Tamil Nadu

### Traffic

The growth rates are derived based on Elasticity Model as per IRC 108:2015. Elasticity Method of traffic forecast is widely used as it accounts for the changes in the economy and its impact on the growth of traffic. Elasticity Analysis tries to establish the relationship between the traffic growth rate and the growth in the economy. The economic variables will be used to establish the relationship with the registered vehicles. For the present study, the economic variables considered are Net State Domestic Product (NSDP), Per Capita Income (PCI) and Population (P) growth.

**Table 2: Traffic Growth Rate (in %)**

Year	Two-Wheeler	Car	Bus	LCV	2 AT	MAV
2019-20	9.13	7.61	4.59	6.52	4.77	7.87
2021-25	8.40	6.95	4.43	6.61	3.42	8.19
2026-30	7.76	6.06	4.27	6.52	2.67	7.38
2031-35	7.15	5.82	4.19	6.34	2.59	6.49
2036 Beyond	6.50	5.50	4.00	6.06	2.50	5.55

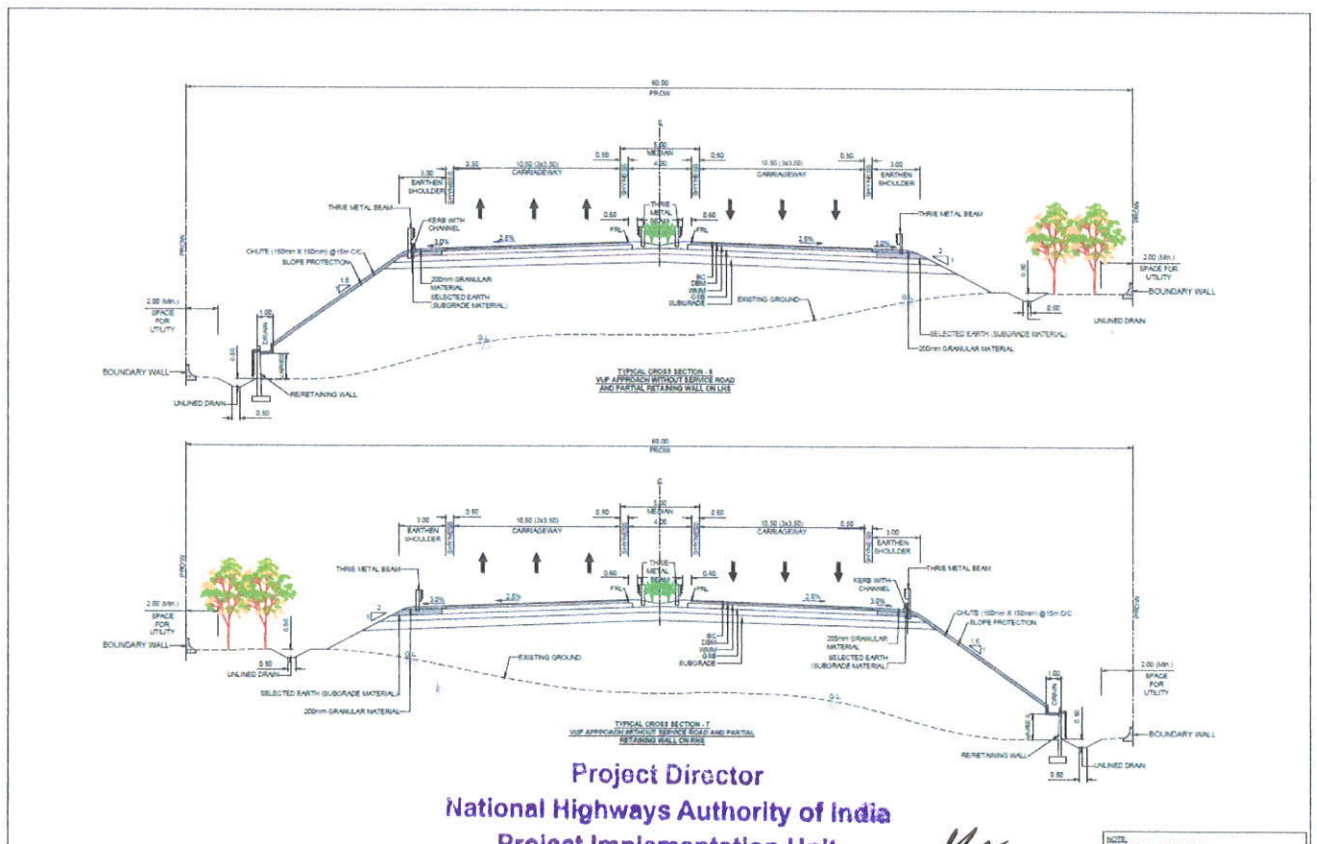
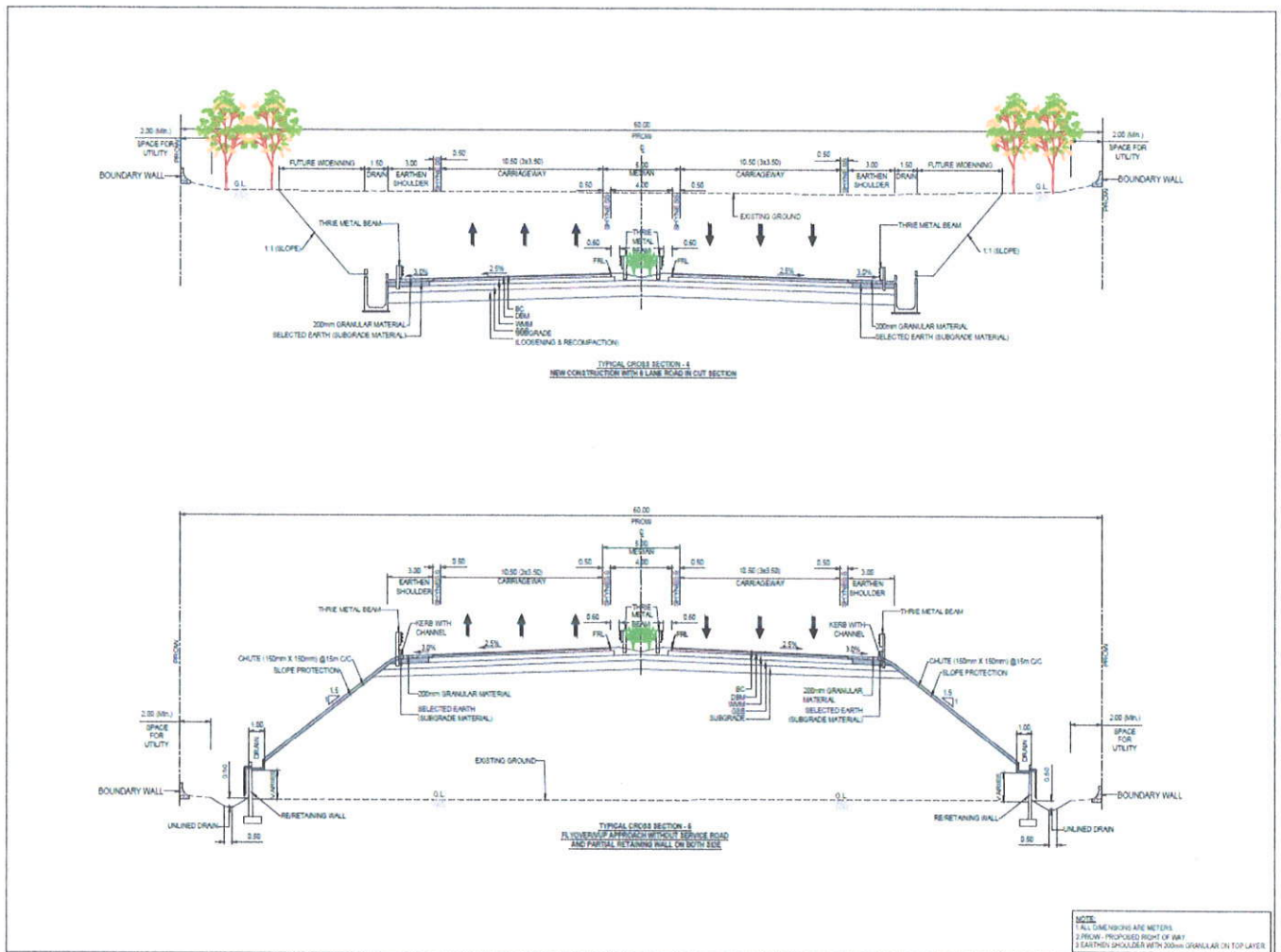


The present proposal consists of construction of 6 lanes highway from Chittoor to Thatchur. The Chittoor to Thatchur Section (Newly declared NH 716B) is proposed 6-lane highway having a total length of 126.550 km in the states Andhra Pradesh and Tamil Nadu. The proposed highway would offer alternative connectivity between Chennai and Bangalore/ Chittoor. Further the container traffic originating from Bangalore and bound towards the parts of Kamarajar and Kattupalli currently passes through the congested Chennai bypass and the Tamil Nadu state is developing the northern port access road from Thatchur to Kamarajar (Ennore) and Kattupalli ports.

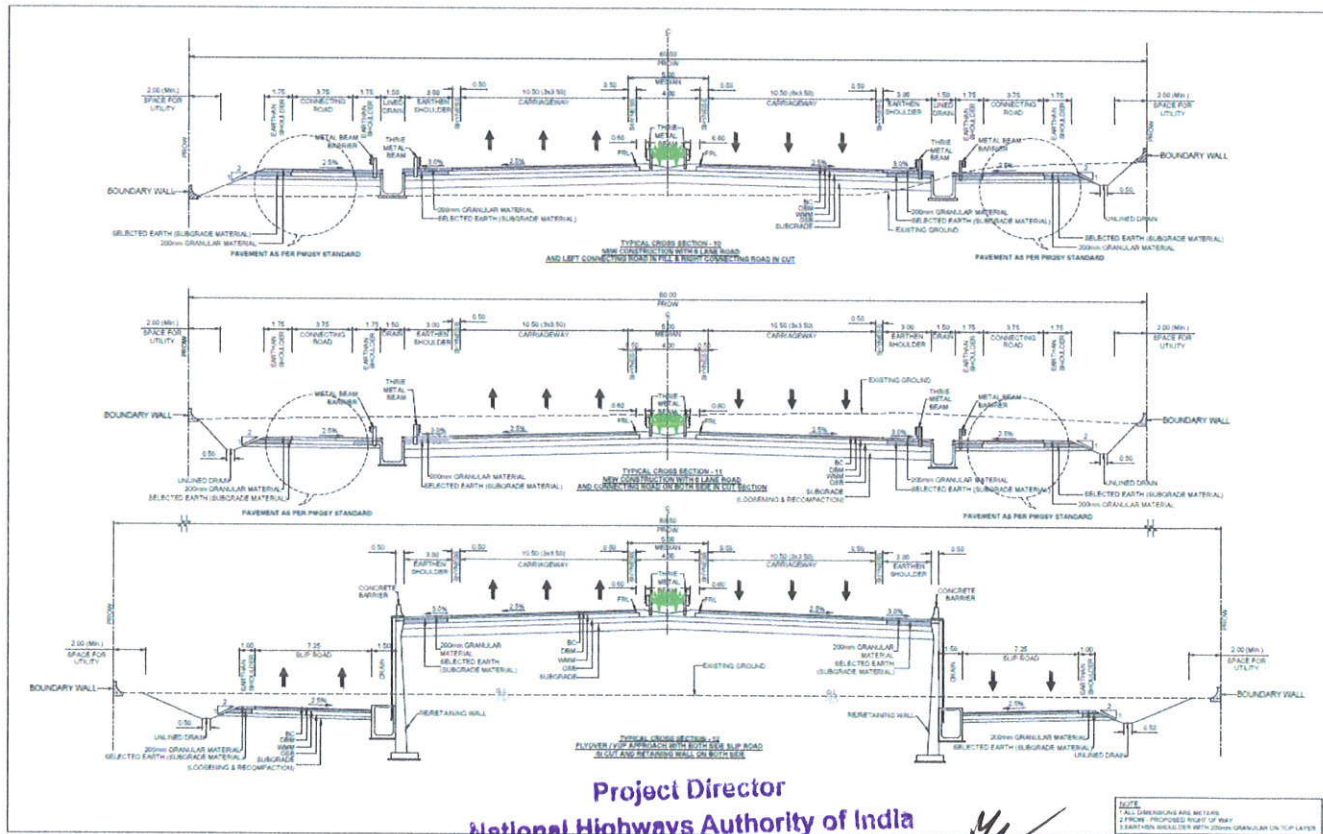
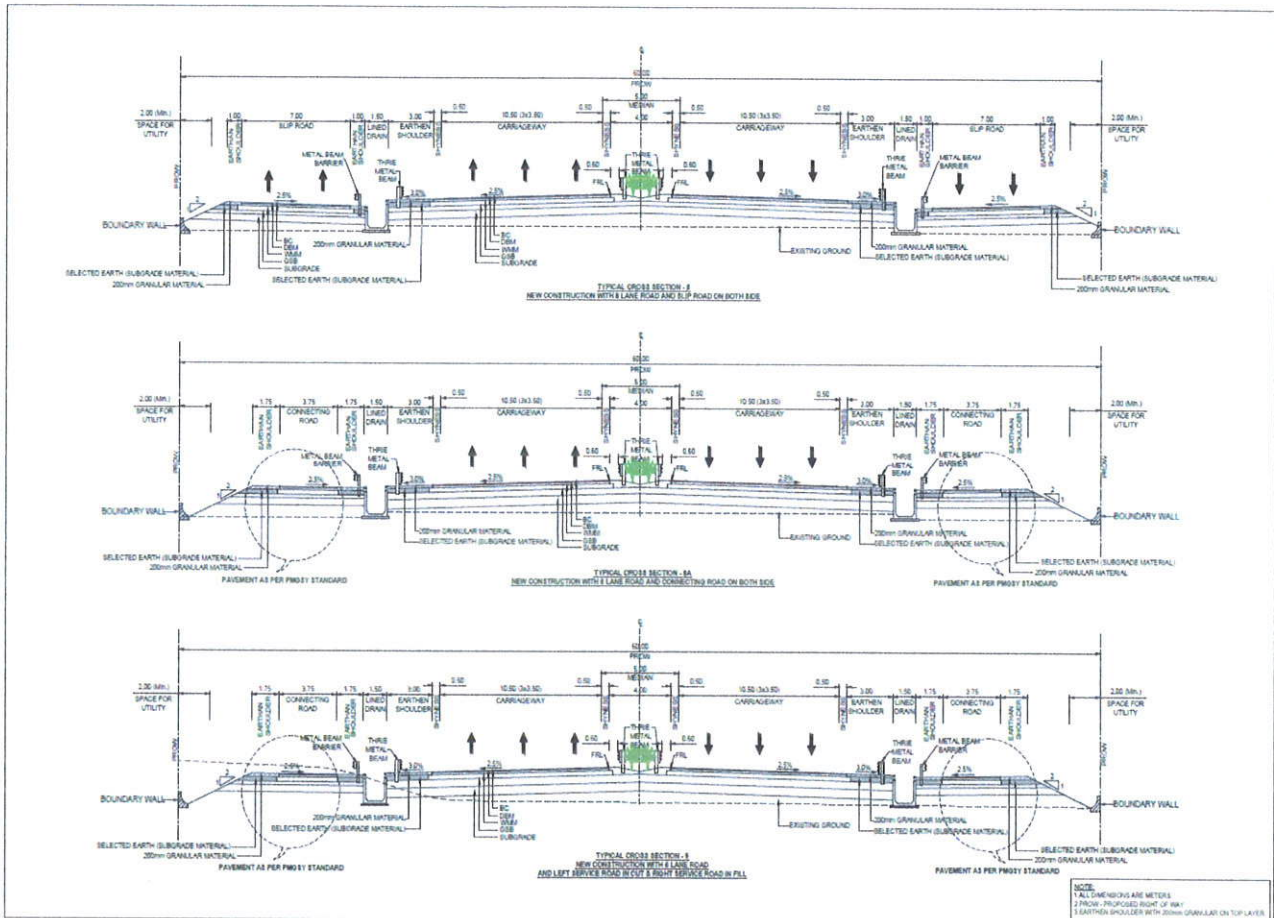
The proposed project is greenfield project for constructing 6 lanes highway. The proposed Right of Way is 60m. The Typical cross-Section are as follows:

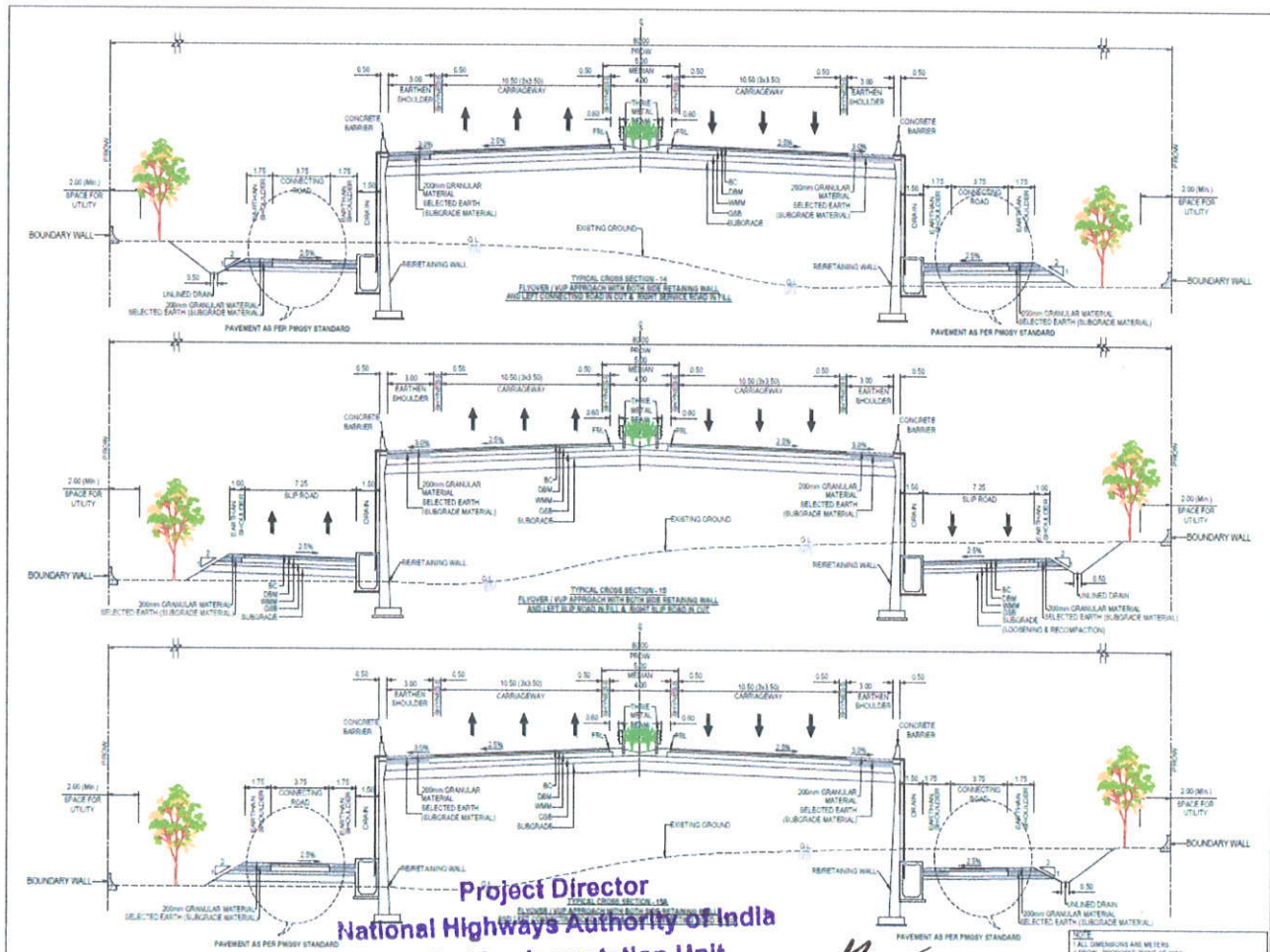
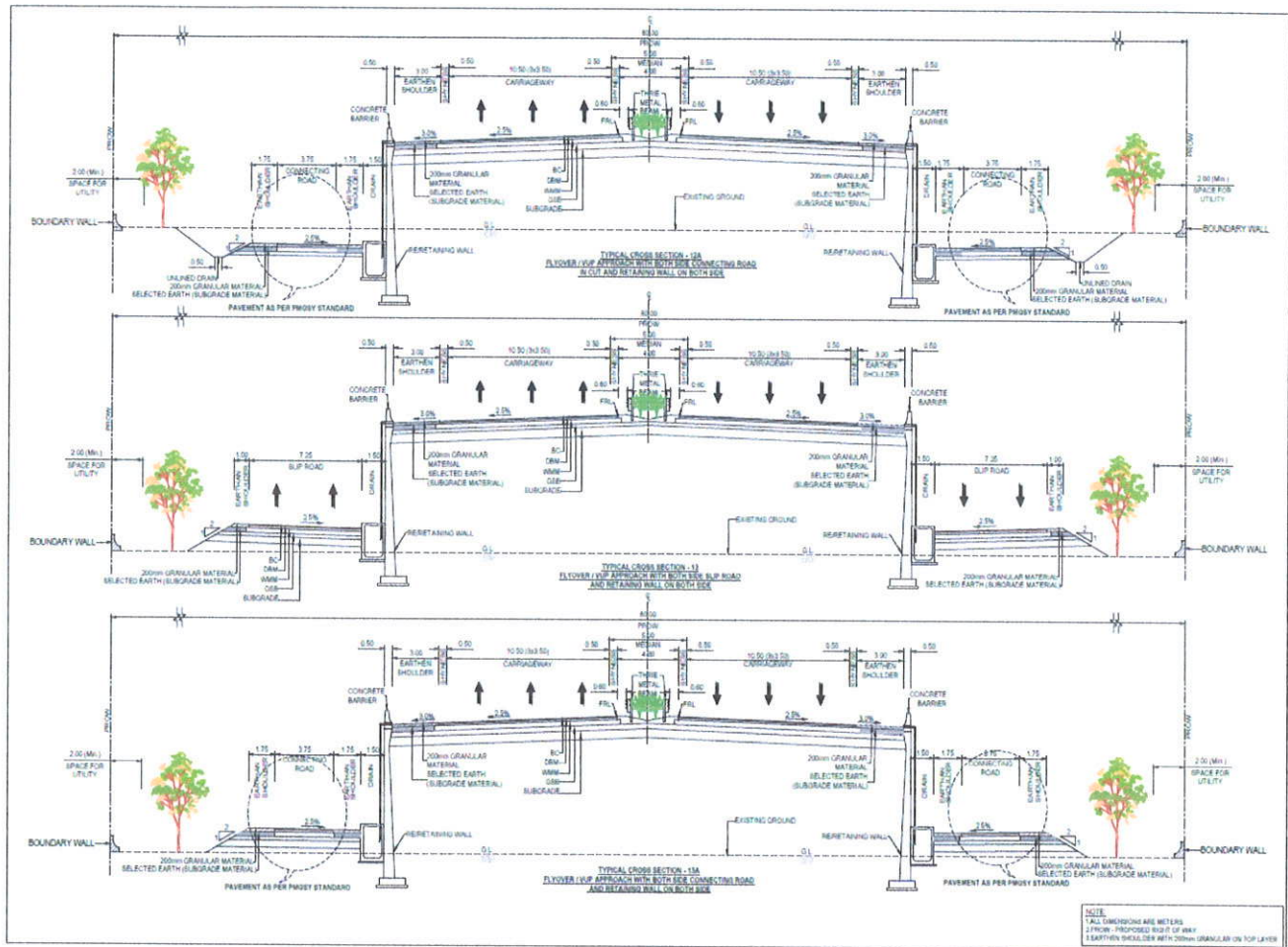
1. ALL DIMENSIONS ARE METERS  
 2. FINISH AND PROPOSED TOP OF ROAD  
 3. EXISTING SHOULDER WITH 300mm GRANULAR ON TOP LANE

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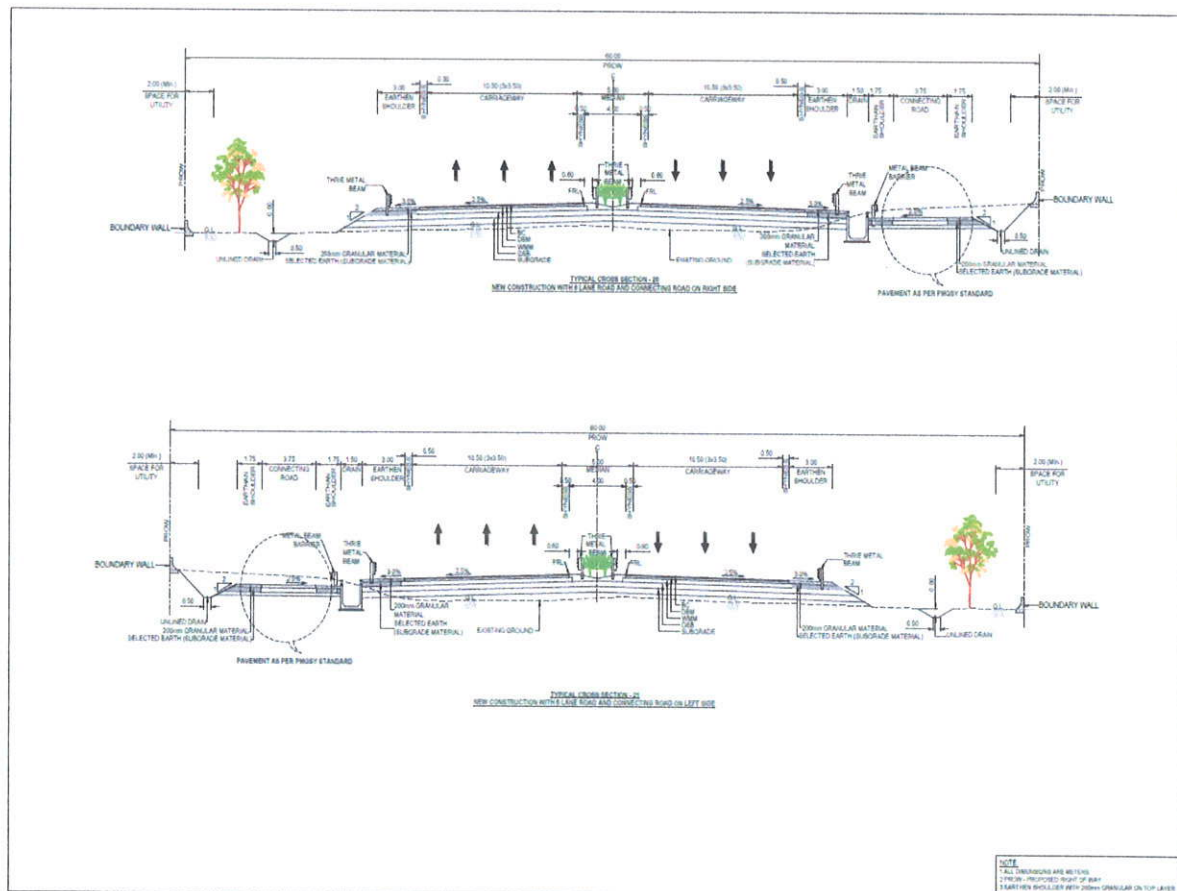
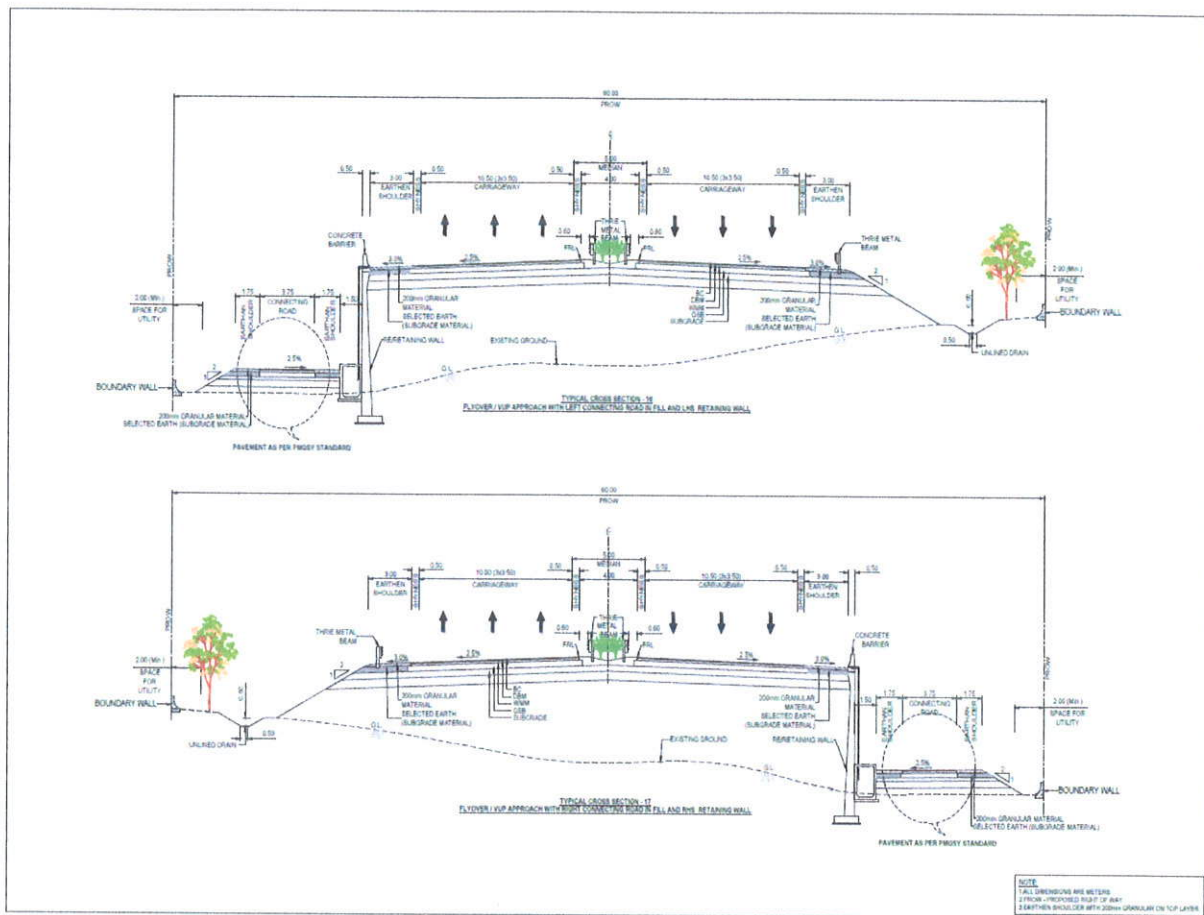
















### **Road Furniture**

Road furniture such as traffic signs, kilometer posts, hectometer stones, ROW pillars etc. would be provided as per relevant IRC SP 84 Specification.

### **Project Benefits**

The Project will give significant economic benefits to the respective States. Construction of the Project Road will lead to better connectivity and will play a significant role in changing the socio-economic condition of the people living in the region. Installation of proper road safety system through signage, barricades, crash barriers and by providing adequate bus bays, truck lay byes, underpasses, etc. on Project Roads will further enhance the road safety on these Project roads.

### **Avenue Plantation**

Plantation of shrubs will be done by the contractor at the median and/or turfing at embankment slopes as per the tree plantation strategy prepared for the Project. Minimum 90 percent survival rate of the saplings after raising the plantation of age one year will be acceptable otherwise, the contractor will replace dead plants at his own cost. The contractor will maintain the plantation till they handover the Project site to PIU.



Sh. P. T. Mohan  
Project Director

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Date:

Place: